



## COLOUR GUIDE PER TOPIC

- GENERAL ORTHOPAEDICS
- UPPER LIMB
- LOWER LIMB
- SPINE
- TRAUMA/POLYTRAUMA
- PAEDIATRICS
- GENERAL EDUCATION

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The full attendance of the congress entitles up to 18 European CME credits (ECMEC's).  
Download EFORT2017 app for full details.

# Welcome Address



**Prof. Jan Verhaar**  
EFORT President 2016/2017

Dear friends and colleagues,

*Welcome to Vienna for EFORT's 2017 Annual Meeting.*

It is a great pleasure to receive many European orthopaedic and trauma surgeons, residents and scientists, but also an increasing number of colleagues and friends from other continents. Over the years an increasing number of fellow professionals from Asia, Australia, South and North America as well as Africa have found their way to Europe's largest and most International orthopaedic meeting. Europe is the historical heart and soul of orthopaedic and traumatology practice. Sharing our experiences in the treatment of patients with colleagues from around the globe is therefore a responsibility for us, but also a great pleasure.

The European Federation of Orthopaedics and Traumatology was founded in 1991 and therefore will celebrate its 25<sup>th</sup> anniversary next year. So, EFORT is still a rather young organisation but nevertheless represents all European countries and therefore more than 45000 orthopaedic and trauma surgeons. Over the last quarter of a century our members have witnessed how sharing our challenges and experiences helps us to serve the needs of our patients better, delivering better quality of care. So please, share your experiences, offer up challenging questions for presenters and let your views be known.

The EFORT 2017 annual meeting includes a wealth of educational opportunities. Symposia and Instructional Lectures will be given by the most scholarly and distinguished speakers from all over Europe. These opportunities do not require any additional charges, being included in the registration fee! To encourage interaction among participants there will be Interactive Expert Exchange and Complex Case Discussion sessions lead by world-renowned faculty. Residents and those wanting a specialty refresher may also be attracted to 'Easy Evidence Update', which aims to provide key educational material to bolster knowledge, skills and attitudes and enhance professional practice.

However, EFORT 2017 in Vienna will also be a platform for the exchange of the cutting edge scientific knowledge. There will be 680 Free Papers and 1176 Posters on the latest scientific and clinical studies. There will also be the keynote Michael Freeman and Erwin Morscher Honorary Lectures, which will be delivered by two highly distinguished European colleagues. In the Erwin Morscher Lecture, Professor Verdonshot from the Netherlands will discuss "Development of patient specific reconstructive methods using advanced imaging and biomechanical modelling techniques'. The Michiel Freeman Lecture given by Professor Kehlet from Denmark is entitled 'Fast-Track Hip And Knee Replacement – Have We Reached The Goal?'

Running through the Congress programme in Vienna will be its key theme: "Sports activities and orthopaedic practice". Many symposia and lectures will develop aspects of this theme. Highlights of the Congress also include e-health applications in orthopaedic research, hip trauma and sport, less frequent shoulder sport injuries, treatment of chronic bone infection, shoulder instability management and functional outcomes after UKA and TKA, amongst many others. And do not forget to attend the Advanced Course In Total Knee and Hip Replacement!

We look forward to meeting you in the culturally rich city of Vienna for the EFORT 2017 annual meeting.

A handwritten signature in black ink, appearing to read 'J. Verhaar', written over a horizontal line.

Prof. Dr. Jan Verhaar  
EFORT President 2016/2017

## Welcome Address



**Prof. Thierry Bégué**  
**Chairman EFORT Science Committee**

Dear Participants,

On behalf of the EFORT Science Committee, we would like to welcome you all to the 18th EFORT Congress in Vienna. The EFORT meetings continue to mature, but it is always a challenge to put together an innovative one.

We have selected a general topic some months ago to be incorporated into the programme. This year, the focus will be on Sports Activities and Orthopaedic Practice. Sports activities are often linked to trauma with high or low energy, but also to degenerative orthopaedic clinical situations. Orthopaedic surgeons must deal with the aim of our patients to recover a complete locomotor apparatus available to redo the sports they prefer. Even in childhood, sports activities may have some consequences on the skeleton that we must limit or cure. It is one of our duty to modify the exercises the children or adolescents are doing to avoid diseases in the adult period. For adults, sports activities are now a usual way of life and is full part of daily schedule. Any illness, degenerative or traumatic situation may impair this process. Demands coming from our patients arise in our practice. The Congress will share different experiences throughout the European community on those specific subjects involving upper or lower limb, but also the spine, with debates about how to manage the expectations of our patients.

Over the years, we have learnt that the most successful Congress activities are instructional lectures, debate fora, and symposia. With this in mind, the Science Committee Group has prepared a series of events covering the latest developments in orthopaedics and traumatology and their relationship with sports activities.

Out of 3,116 abstracts submitted, our expert panel of scientific advisors selected 680 to be presented as free papers, 111 as clinical cases and 1176 as posters. The Erwin Morscher honorary lecture will be presented by Professor Nico Verdonchot (The Netherlands) and the Michael Freeman honorary lecture by Professor Henrik Kehlet (Denmark). We are very much looking forward to hearing their contributions.

We trust that you will find the extensive programme comprising over 180 sessions, including the Comprehensive Review Course and lunch-time industry symposia, to be interesting and of great value – and memorable. Our Invited Nation this year is the Egyptian Orthopaedic Association (EOA). We will be pleased to learn more about the high level of expertise they have reached in recent years.

We hope your stay in Vienna during the EFORT Congress is enjoyable and entertaining as well as educationally rewarding.

A handwritten signature in black ink, appearing to read 'Thierry Bégué'.

Prof. Thierry Bégué  
Chairman Science Committee

# About EFORT

## About EFORT

The European Federation of National Associations of Orthopaedics and Traumatology (EFORT) is the platform organisation linking Europe's national orthopaedic associations.

EFORT freshly re-centred its priorities and regrouped them around four main pillars of activity, tackling some of the most critical issues within the specialty field of orthopaedics and traumatology:

- Setting-up of European Orthopaedic & Traumatology Education Platform (EOTEP)
- Facilitate and disseminate existing work and projects in the field of translational research, with the aim of contributing better to clinical practice
- The harmonisation of guidelines and clinical standards designed to support the decision-making processes in patient care

EFORT would be proud to serve as a platform and reach out to the European Health Policy together with the orthopaedics and traumatology community.

The centrepiece relates to education and setting up the European Orthopaedic & Traumatology Education Platform EOTEP, which is dedicated to Orthopaedic Surgeons and Trauma Surgeons for lifelong learning commitments of practising in Europe and beyond. The EOTEP is the new tool EFORT has developed as the comprehensive approach for those in search of an educational overview in orthopaedics and traumatology (O&T) and wishing to advance in their professional development. It has been launched recently and the website section dedicated to Education completely revamped.

The second priority since the inception of the strategy plan 2016-2018 has been the re-assessment of the activities linked to the European Health agenda. Our wish is that the burden of musculoskeletal conditions in Europe becomes more recognized and be included in research and public health activities, to shape future EU strategies. There are today clear cross boarder inequalities and standards of care for treatment are still too disparate.

"Sports activities and orthopaedic practice" is the overarching theme of this 18th EFORT Congress. The scientific programme strives to outline the direct impact emanating from sports injuries, to the treatment and ultimately to the financial impact on health systems. It is one of EFORT's priorities to share increasingly key aspects in the field of health economics with its membership associations.

In its journey to further strengthen its reference position in the landscape of current educational programmes, this year's scientific programme has been refined to cover and address advanced surgeons as well as surgeons in training. On this note and for the first time during an EFORT Annual Congress, we have adapted our systems to be fully in line with the latest UEMS-EACCME regulations, and we give now attendees the opportunity to track their investment in active learning precisely. Look out for the CME columns at which you will scan in and scan out to track your educational time spent at EFORT. Effective time will be awarded in form of CME points and certificates will be issued accordingly. For further information, a dedicated CME help desk is at your disposal in the registration area.










A print copy of the online open-access journal EFORT Open Reviews (EOR) has been included in your delegate bag. This unique printed copy of the journal features the content of all the Instructional Lectures presented at this year's congress. It is published in collaboration with The British Editorial Society of Bone & Joint Surgery.

With constant developments for new educational programmes, a visit to the EFORT booth will tell how to get even more involved: we have tailor-made some new initiatives in which we placed networking, exchange of peer's best practice and educational structure at the forefront.

We look forward to welcoming you to Vienna at your Annual Congress.



## Upcoming EFORT Fora 2017

- 54<sup>th</sup> Spanish Orthopaedic and Traumatology Society Congress (SECOT)   
27 September | [EFORT Forum: Knee osteoarthritis in young adult: Surgical options](#) | Barcelona, Spain
- Hellenic Association of Orthopaedic Surgery And Traumatology Congress 2017 (HAOST)   
13 October | [EFORT Forum: Femoropatellar joint: From the adolescence to the arthritis](#) | Athens, Greece
- Romanian Society of Orthopaedics and Traumatology Congress 2017 (SOROT)   
19 October | [EFORT Forum: Diagnosis & management of infected TKA](#) | Timisoara, Romania
- 102<sup>nd</sup> National Congress of Italian Society of Orthopaedics and Traumatology (SIOT)   
21 October | [EFORT Forum: Challenges in paediatric trauma](#) | Palermo, Italy
- German Society of Orthopaedics and Traumatology Congress 2017 (DGOU)   
24 October | [EFORT Forum: Fast track surgery opportunity or threats?](#) | Berlin, Germany
- 27<sup>th</sup> Turkish National Congress of Orthopaedics and Traumatology (TOTBID)   
25 October | [EFORT Forum: Trauma / Lower Extremity reconstruction](#) | Antalya, Turkey
- 37<sup>th</sup> National Congress of Orthopaedics and Traumatology (SPOT)   
27 October | [EFORT Forum: The multiligament injured knee](#) | Coimbra, Portugal
- Cyprus Association of Orthopaedic Surgery and Traumatology Congress 2017 (CAOST)   
28 October | [EFORT Forum: Musculoskeletal tumours](#) | Nicosia, Cyprus
- 92<sup>nd</sup> French Society of Orthopaedic Surgery and Traumatology Congress (SOFOT)   
7 November | [EFORT Forum: Short stems in primary THA: are they safe and effective](#) | Paris, France

## EFORT EXECUTIVE COMMITTEE

### EFORT BOARD

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First Vice President	Prof. Dr. Önder Aydingöz
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## EFORT SCIENCE COMMITTEE 2017

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Prof. Dr. Jan Verhaar	
Prof. Dr. Heinz Winkler	
Prof. Dr. Thomas Wirth	



## National Society Members

NATIONALITY	ABBREVIATION	NAME
Albania	AAOST	Albanian Association of Orthopaedic Surgery and Traumatology
Austria	ÖGO	Austrian Society of Orthopaedics and Orthopaedical Surgery
Belarus	BRSMOTOS	Belarus Republic Scientific Medical Society of Trauma and Orthopaedic Surgeons
Belgium	BVOT	Belgian Association of Orthopaedics and Traumatology
Belgium	SORBCOT	Belgian Royal Society of Orthopaedic Surgery and Traumatology
Bosnia and Herzegovina	OTSABH	Orthopaedic and Traumatology Surgeons Association of Bosnia and Herzegovina
Bulgaria	BOTA	Bulgarian Orthopaedics and Trauma Association
Croatia	COTA/HUOT	Croatian Orthopaedic and Traumatology Association
Croatia	CrOS	Croatian Orthopaedic Society of the Croatian Medical Association
Cyprus	CAOST	Cyprus Association of Orthopaedic Surgery and Traumatology
Czech Republic	CSOT	Czech Society for Orthopaedics and Traumatology
Denmark	DOS	Danish Orthopaedic Society
Estonia	ETOS	Estonian Orthopaedic Society
Finland	SOY-FOA	Finnish Orthopaedic Association
Former Yugoslav Republic of Macedonia	MAOT	Macedonian Association of Orthopaedics and Traumatology
France	SOFOT	French Society of Orthopaedic Surgery and Traumatology
Germany	DGOU	German Society of Orthopaedics and Traumatology
Greece	HAOST	Hellenic Association of Orthopaedic Surgery & Traumatology
Hungary	MOT/HOA	Hungarian Orthopaedic Association
Iceland	IBF	Icelandic Orthopaedic Society
Ireland	IOA	Irish Orthopaedic Association
Italy	SIOT	Italian Society of Orthopaedics and Traumatology
Kosovo	KSOTS	Kosovo Society of Orthopaedics and Trauma Surgeons
Lithuania	LSOT/LOTD	Lithuanian Society of Orthopaedics and Traumatology
Luxembourg	SLOT	Luxembourgian Society of Orthopaedics and Traumatology
Malta	AOTSM	Association of Orthopaedic & Trauma Surgeons of Malta
Montenegro	AMOT	Association of Orthopaedics and Traumatologists of Montenegro
Netherlands	NOV	Dutch Orthopaedic Association
Norway	NOF	Norwegian Orthopaedic Association
Poland	PTOITR	Polish Orthopaedic and Traumatologic Society
Portugal	SPOT	Portuguese Society of Orthopaedics and Traumatology
Romania	SOROT	Romanian Society of Orthopaedics and Traumatology
Serbia	SOTA	Serbian Orthopaedic Trauma Association
Slovakia	SOTS	Slovak Orthopaedic and Traumatologic Society
Slovenia	SOA/ZOSZD	Slovenian Orthopaedic Association



NATIONALITY	ABBREVIATION	NAME
Spain	SECOT	Spanish Orthopaedic and Traumatology Society
Sweden	SOF	Swedish Orthopaedic Association
Switzerland		Swiss Society of Orthopaedic Surgery and Traumatology (swiss orthopaedics)
Turkey	TSOT/TOTBID	Turkish Society of Orthopaedics and Traumatology
Ukraine	UAOST	Ukrainian Association of Orthopaedic Surgeons & Traumatologists
United Kingdom	BOA	British Orthopaedic Association

## ASSOCIATE SCIENTIFIC MEMBERS

NATIONALITY	ABBREVIATION	NAME
Armenia	AOTRA	The Association of Orthopaedists, Traumatologists and Rehabilitologists of Armenia
Asia Pacific	APOA	Asia Pacific Orthopaedic Association
Australia	AOA	Australian Orthopaedic Association
Azerbaijan	AAOT	Azerbaijan Association of Orthopaedics and Traumatology
Bangladesh	BOS	Bangladesh Orthopaedic Society
Cameroon	CSOST	Cameroonian Society of Orthopaedic and Trauma Surgery
Egypt	EOA	Egyptian Orthopaedic Association
Israel	IOA	Israeli Orthopaedic Association
Jordan	JOA	Jordanian Orthopaedic Association
Lebanon	LOA	Lebanese Orthopaedic Association
Northern Europe	NOF	Nordic Orthopaedic Federation
Saudi Arabia	SOA	Saudi Orthopaedic Association
Iran	POTA	Persian Orthopaedic Trauma Association

## SPECIALTY & PARTNER SOCIETIES

Specialty Society Sessions form an integral part of each EFORT Congress. EFORT would like to take this opportunity to thank the Specialty Societies and other Partner Societies involved in the 18th EFORT Congress in Vienna for their valuable input and active contribution to the scientific programme.

## EFORT Invited Nation Programme

The EFORT Invited Nation Programme aims at raising awareness and recognition towards the contribution made to the management of musculo-skeletal diseases worldwide and to strengthen ties with colleagues around the globe. In this sense we are delighted to announce that EFORT honors the Egyptian Orthopaedic Association (EOA). The EOA will be present themselves with a booth in the exhibition area (D-13).



The Egyptian Orthopaedic Association (EOA) was founded in 1948. It is a non-profit organisation for the Orthopaedic Surgeons and orthopaedic trainees in Egypt including Egyptians working abroad. The aim of the association is continuous medical education, advancement of science, encouraging & supporting research in different aspects of orthopaedic surgery & improving the quality of treatment and care of the patients. The current number of active members of the EOA is more than 6000.

The EOA usually arranges 3 annual international congresses. The spring congress venue rotates throughout the touristic cities in Egypt. This year it was held in Luxor with collaboration from SICOT. The second congress is focused on skeletal deformities correction and is usually attended by more than 1000 participants. It is going to be held in Cairo 19-21 July. The third is our annual congress (69th this year) which is usually held in December and attended by more than 3000 participants.

The EOA has many subspecialties groups which organize other meetings & workshops. EOA has a website: [www.eoa.org.eg](http://www.eoa.org.eg), Facebook page EOA news & the peer reviewed journal: Egyptian orthopaedic journal. We had organised many meetings in collaboration with EFORT, SICOT, AAOS and IFPOS.

The EOA is honoured to be the Invited Nation at EFORT 2017 to be held in Vienna in May-June 2017.

Best Regards  
Prof Anis Shiha  
President of Egyptian Orthopaedic Association (EOA)

# Session Overview

## ADVANCED TKR & THR COURSE

Session Title	Moderators	Category	Room	Time
<b>1 June 2017</b>				
Advanced Course In Total Knee Replacement	Verhaar, Jan / Becker, Roland	● Orthopaedics / Knee Et Lower Leg	Vienna	08.30-12.00
Advanced Course In Total Hip Replacement	Kjaersgaard-Andersen, Per / Macheras, George	● Orthopaedics / Pelvis, Hip Et Femur	Vienna	15.00-18.00

## CLINICAL CASES

Session Title	Moderators	Category	Room	Time
<b>31 May 2017</b>				
Clinical Cases - Foot Et Ankle Trauma	Besse, Jean-Luc / Sakellariou, Anthony	● Trauma / Foot Et Ankle Trauma	Barcelona	11.00-12.00
Clinical Cases - Elbow Et Forearm Trauma	Maroudias, Nicolaos / Farron, Alain	● Trauma / Elbow Et Forearm Trauma	Berlin	11.00-12.00
Clinical Cases - Pelvis, Hip Et Femur 1	Wirtz, Dieter Christian / Macheras, George	● Orthopaedics / Pelvis, Hip Et Femur	Paris	14.45-15.45
Clinical Cases - Wrist Et Hand	Haugstvedt, Jan-Ragnar / Schmelzer-Schmied, Nicole	● Orthopaedics / Wrist Et Hand	Florence	16.15-17.15
Clinical Cases - Shoulder Et Upper Arm Trauma	Gomes, Nuno / Favard, Luc	● Trauma / Shoulder Et Upper Arm Trauma	Berlin	16.15-17.15
Clinical Cases - Knee Et Lower Leg	Dejour, David / Jensen, Claus Munk	● Orthopaedics / Knee Et Lower Leg	Geneva	16.15-17.15

### 1 June 2017

Clinical Cases - Spine Incl. Trauma	Berk, Haluk / Doria, Carlo	● Trauma / Spine Trauma	Nice	08.15-09.45
Clinical Cases - Musculoskeletal Tumors	Brunello, Antonella / Mascard, Eric	● Orthopaedics / Musculoskeletal Tumors	Geneva	10.15-11.15
Clinical Cases - Hand Et Wrist Trauma	Herzberg, Guillaume / Marzi, Ingo	● Trauma / Hand Et Wrist Trauma	Florence	11.30-12.30

### 2 June 2017

Clinical Cases - Pelvis, Hip Et Femur 2	Trebše, Rihard / Kärrholm, Johan	● Orthopaedics / Pelvis, Hip Et Femur	Vienna	10.15-11.15
Clinical Cases - Hip Et Femur Trauma 1	Garnavos, Christos / Schlamme, Henri J.	● Trauma / Hip Et Femur Trauma	Brussels	10.15-11.15
Clinical Cases - Shoulder Et Upper Arm	Gomes, Nuno / Meyer, Dominik C.	● Orthopaedics / Shoulder Et Upper Arm	Berlin	10.15-11.15
Clinical Cases - Foot Et Ankle	Rochwerger, Alexandre / Monteagudo, Manuel	● Orthopaedics / Foot Et Ankle	Geneva	10.15-11.15

# Session Overview

## 2 June 2017

Clinical Cases - Hip & Femur Trauma 2	Rogmark, Cecilia / Cimerman, Matej	● Trauma / Hip & Femur Trauma	Brussels	11.30-12.30
Clinical Cases - Musculoskeletal Infections	Malizos, Konstantinos / Drago, Lorenzo	● Orthopaedics / Musculoskeletal Infections	Florence	11.30-12.30
Clinical Cases - Paediatric Orthopaedics	Viehweger, Elke / Radler, Christof	● Orthopaedics / Paediatric Orthopaedics	London	15.00-16.30
Clinical Cases - Knee & Lower Leg Trauma	Caba-Doussoux, Pedro / Beaufils, Philippe	● Trauma / Knee & Lower Leg Trauma	Barcelona	17.00-18.30

### COMPLEX CASE DISCUSSION

Session Title	Moderators	Category	Room	Time
<b>1 June 2017</b>				
Joint Replacement After Knee Fractures	Josten, Christoph	● Trauma / Knee & Lower Leg Trauma	Brussels	15.00-16.30
Management Of Infections In TKA	Becker, Roland	● Orthopaedics / Knee & Lower Leg	Munich	17.00-18.30
Return To Sport Activities After Arthroplasty	Parratte, Sébastien	● General Topics / Quality Management	Paris	17.00-18.30

## 2 June 2017

Massive Rotator Cuff Tears	Favard, Luc	● Orthopaedics / Shoulder & Upper Arm	Berlin	17.00-18.30
Complex Primary THA After Osteotomies And Hip Fractures	Siebenrock, Klaus A.	● Orthopaedics / Pelvis, Hip & Femur	Paris	17.00-18.30

### COMPREHENSIVE REVIEW COURSE (ADDITIONAL REGISTRATION REQUIRED)

Session Title	Moderators	Category	Room	Time
<b>2 June 2017</b>				
Comprehensive Review Course	Cartucho, Antonio	● General Topics / Education	Lisbon	08.15-18.30

### DEBATE FORA

Session Title	Moderators	Category	Room	Time
<b>31 May 2017</b>				
Cemented Vs. Cementless Primary THA	Overgaard, Søren	● Orthopaedics / Pelvis, Hip & Femur	Lisbon	17.30-18.30

# Session Overview

## 1 June 2017

The Infected Osteosynthesis - Is Permanent Drainage An Option?	Stöckle, Ulrich	● Trauma / Varia Trauma	Barcelona	10.15-11.15
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### EASY EVIDENCE UPDATES

Session Title	Moderators	Category	Room	Time
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## 31 May 2017

Easy Evidence Updates Of The Lower Limb	Bégué, Thierry	● General Topics / Education	Copenhagen	09.00-12.00
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### EFORT ERWIN MORSCHER HONORARY LECTURE

Session Title	Moderator/Lecturer	Category	Room	Time
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## 1 June 2017

Development Of Patient-Specific Reconstructive Methods Using Advanced Imaging And Biomechanical Modeling Techniques	Verhaar, Jan / Verdonshot, Nico	● General Topics / Biomechanics	Vienna	12.45-13.15
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### EFORT MICHAEL FREEMAN HONORARY LECTURE

Session Title	Moderator/Lecturer	Category	Room	Time
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## 2 June 2017

Fast-Track Hip And Knee Replacement - Have We Reached The Goal?	Verhaar, Jan / Kehlet, Henrik	● General Topics / Quality Management	Vienna	12.45-13.15
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### EVIDENCE BASED MEDICINE SESSION

Session Title	Moderators	Category	Room	Time
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## 31 May 2017

Results Of Early And Delayed Treatment Protocols For Closed Reduction Of DDH	Eastwood, Deborah	● Orthopaedics / Paediatric Orthopaedics	Helsinki	11.00-12.00
New Evidence In The Treatment Of Prosthetic Hip Joint Infection	Karachalios, Theofilos	● Orthopaedics / Pelvis, Hip & Femur	Vienna	16.15-17.15

## 2 June 2017

Fractures Of The Proximal Humerus: Where Is The Evidence?	Hoffmeyer, Pierre	● Trauma / Shoulder & Upper Arm Trauma	Barcelona	10.15-11.15
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## FREE PAPER SESSION

Session Title	Moderators	Category	Room	Time
<b>31 May 2017</b>				
Forefoot And Hindfoot Injuries	Crevoisier, Xavier / Monteagudo, Manuel	● Trauma / Foot & Ankle Trauma	Barcelona	09.00-10.30
Forefoot Orthopaedic Surgical Treatment	Delmi, Marino / Jónsson, Brynjólfur	● Orthopaedics / Foot & Ankle	Munich	09.00-10.30
General Elbow	Malushev Enchev, Dian / Plecko, Michael	● Orthopaedics / Elbow & Forearm	Berlin	09.00-10.30
Metal-On-Metal Bearing In Total Hip Arthroplasty	Wilton, Tim / Varnum, Claus	● Orthopaedics / Pelvis, Hip & Femur	Lisbon	11.00-12.00
Assisted Surgical Techniques And Results In TKA	Hofmann, Siegfried / Saweeres, Emad Samuel Boles	● Orthopaedics / Knee & Lower Leg	Istanbul	11.00-12.00
Quality Improvement	Aro, Hannu / Papadakis, Stamatios	● General Topics / Quality Management	London	11.00-12.00
Instability & Miscellaneous	Emery, Roger / Limb, David	● Orthopaedics / Shoulder & Upper Arm	Geneva	11.00-12.00
Bearing System In THA	Overgaard, Søren / Epinette, Jean	● Orthopaedics / Pelvis, Hip & Femur	Vienna	14.45-15.45
Soft-Tissue Disorders Of The Hand - What Is New?	Baur, Eva / Bumbasirevic, Marko	● Orthopaedics / Wrist & Hand	Florence	14.45-15.45
Conservative Treatment And Miscellaneous	Viberg, Bjarke / Ruano, António Afonso	● Trauma / Hip & Femur Trauma	Barcelona	14.45-15.45
Challenges In High Tibial Osteotomies	Hernigou, Philippe / Baldini, Andrea	● Orthopaedics / Knee & Lower Leg	Istanbul	14.45-15.45
Varia Trauma	Larsen, Morten Schultz / Donell, Simon	● Trauma / Varia Trauma	London	14.45-15.45
Spine Trauma	Aydingöz, Önder / Cáceres Palou, Enric	● Trauma / Spine Trauma	Nice	14.45-15.45
Patient Factors In TKA Outcomes	Perka, Carsten / Jensen, Claus Munk	● Orthopaedics / Knee & Lower Leg	Geneva	14.45-15.45
Proximal Tibia Fractures	Cimerman, Matej / Berlusconi, Marco	● Trauma / Knee & Lower Leg Trauma	Brussels	16.15-17.15
ACL Outcomes	Menetrey, Jacques / Fonseca, Fernando	● Orthopaedics / Knee & Lower Leg	Madrid	16.15-17.15
Fast Track In THA	Bozkurt, Murat / Smith, Evert	● Orthopaedics / Pelvis, Hip & Femur	Lisbon	16.15-17.15
Complications In TKA	Husted, Henrik / Ferretti, Andrea	● Orthopaedics / Knee & Lower Leg	Istanbul	16.15-17.15
Iliac Wing, Acetabular And Fragility Fractures	Aktuglu, Kemal / Caba-Doussoux, Pedro	● Trauma / Pelvic Trauma	London	16.15-17.15
Tibial Shaft Fractures	Teixidor, Jordi / Kanakaris, Nikolaos	● Trauma / Knee & Lower Leg Trauma	Brussels	17.30-18.30
Therapeutical Options For Arthritis Of The Wrist And Hand	Kebrle, Radek / Pezzei, Christoph	● Orthopaedics / Wrist & Hand	Florence	17.30-18.30

# Session Overview

## FREE PAPER SESSION

Session Title	Moderators	Category	Room	Time
<b>31 May 2017</b>				
Epidemiology And Complications	Felicissimo, Paulo / Gjertsen, Jan-Erik	● Trauma / Hip & Femur Trauma	Barcelona	17.30-18.30
Hip Dysplasia And Arthroscopy	Marin-Peña, Oliver / Hindsoe, Klaus	● Orthopaedics / Pelvis, Hip & Femur	Copenhagen	17.30-18.30
Early Knee Osteoarthritis	Lübbecke Wolff, Anne / Mihalic, Rene	● Orthopaedics / Knee & Lower Leg	Istanbul	17.30-18.30
Systemic Disorders And Miscellaneous	Bumbasirevic, Marko / Papadakis, Stamatios	● General Topics / Miscellaneous	Paris	17.30-18.30
Polytrauma And Sacrum Trauma	Bozkurt, Murat / Oransky, Michele	● Trauma / Polytrauma	London	17.30-18.30
Deformity	Kaczmarczyk, Jacek / Senköylü, Alpaslan	● Orthopaedics / Spine	Nice	17.30-18.30
Surgical Techniques And Results In TKA	Bonnin, Michel / Sur, Hakki	● Orthopaedics / Knee & Lower Leg	Geneva	17.30-18.30
Miscellaneous THA	Mihelic, Radovan / Garcia-Rey, Eduardo	● Orthopaedics / Pelvis, Hip & Femur	Vienna	17.30-18.30
<b>1 June 2017</b>				
Register Studies: Total Hip Arthroplasty	Nelissen, Rob G. H. H. / Porvaneckas, Narunas	● Orthopaedics / Pelvis, Hip & Femur	Lisbon	08.15-09.45
Joint Replacement	Gregory, Thomas / Favard, Luc	● Orthopaedics / Shoulder & Upper Arm	Istanbul	08.15-09.45
Epidemiology, Prevention And Diagnosis	Drago, Lorenzo / Cordero Ampuero, José	● Orthopaedics / Musculoskeletal Infections	Paris	08.15-09.45
Modern Therapy Of Bone Sarcoma	Ruggieri, Pietro / Brunello, Antonella	● Orthopaedics / Musculoskeletal Tumors	Geneva	08.15-09.45
Education And Health Economy	Passuti, Norbert / Felländer-Tsai, Li	● General Topics / Education	Madrid	10.15-11.15
Biomechanics Et Methodology	Grimm, Bernd / Phillips, Andrew	● General Topics / Biomechanics	Helsinki	10.15-11.15
Trauma Of The Hand Et Wrist	Pinto, Ana / Marzi, Ingo	● Trauma / Hand & Wrist Trauma	Florence	10.15-11.15
Cementless THA	Kärrholm, Johan / Maroudias, Nicolaos	● Orthopaedics / Pelvis, Hip & Femur	Lisbon	10.15-11.15
Paediatric Elbow Trauma, Knee And Pelvic Injuries	Lascombes, Pierre / Czubak, Jaroslaw	● Trauma / Paediatric Trauma	Berlin	10.15-11.15
Patella And Distal Femur Fractures Including Periprosthetic	Aktuglu, Kemal / Bel, Jean-Christophe	● Trauma / Knee & Lower Leg Trauma	Brussels	11.30-12.30



# Session Overview

## 1 June 2017

Technique In THA	Trebše, Rihard / Kruczynski, Jacek	● Orthopaedics / Pelvis, Hip & Femur	Lisbon	11.30-12.30
Sports Injuries Meet Forearm Trauma	Cassiano Neves, Manuel / Møller-Madsen, Bjarne	● Trauma / Paediatric Trauma	Berlin	11.30-12.30
Miscellaneous	Berk, Haluk / Sell, Philip	● Orthopaedics / Spine	Nice	11.30-12.30
Surgical Treatment	Frich, Lars Henrik / Moursy, Mohamed	● Trauma / Shoulder & Upper Arm Trauma	Copenhagen	15.00-16.30
Key Factors In ACL Reconstruction	Hirschmann, Michael Tobias / Eldridge, Jonathan	● Orthopaedics / Knee & Lower Leg	Istanbul	15.00-16.30
Ankle DO And Hindfoot Disorders	Tourné, Yves / Trnka, Hans-Jörg	● Orthopaedics / Foot & Ankle	London	15.00-16.30
Degenerative Spine	Sell, Philip / Kaczmarczyk, Jacek	● Orthopaedics / Spine	Nice	15.00-16.30
Conservative And Surgical Treatment	Gerber Popp, Ariane / Baring, Tobias	● Trauma / Shoulder & Upper Arm Trauma	Copenhagen	17.00-18.30
Design And Outcomes In TKA	Benazzo, Francesco / Kinov, Plamen	● Orthopaedics / Knee & Lower Leg	Istanbul	17.00-18.30
Foot And Ankle Miscellaneous	Rochwerger, Alexandre / Michelsson, Oliver	● Orthopaedics / Foot & Ankle	London	17.00-18.30
Management Of Soft-Tissue Sarcoma	Leithner, Andreas / Cannon, Stephen R.	● Orthopaedics / Musculoskeletal Tumors	Geneva	17.00-18.30

## 2 June 2017

Joint Preserving Surgery And Soft-Tissue Repair	Meyer, Dominik C. / Kany, Jean	● Orthopaedics / Shoulder & Upper Arm	Berlin	08.15-09.45
Unicompartmental Knee Replacement And Results	Argenson, Jean-Noël / Kruczynski, Jacek	● Orthopaedics / Knee & Lower Leg	Istanbul	08.15-09.45
THA Revision Surgery	Macheras, George / Schlamme, Henri J.	● Orthopaedics / Pelvis, Hip & Femur	Paris	08.15-09.45
Bone And Joint Infections And Rare Conditions	Synder, Marek / Alves, Cristina	● Orthopaedics / Paediatric Orthopaedics	London	08.15-09.45
Tendon - Bone - Cartilage Experimental Biology	Jahr, Holger / Rosset, Philippe	● General Topics / Basic Sciences	Nice	08.15-09.45
Patients Perception And Satisfaction After TKA	Virolainen, Petri / Windhager, Reinhard	● Orthopaedics / Knee & Lower Leg	Madrid	10.15-11.15
Award Competition Free Papers Trauma	Verhaar, Jan / Bégué, Thierry	● Trauma	Helsinki	10.15-11.15
Cup Orientation In THA	Krismer, Martin / Kruczynski, Jacek	● Orthopaedics / Pelvis, Hip & Femur	Munich	10.15-11.15

# Session Overview

## 2 June 2017

Short Stem	Siebert, Werner / Zagra, Luigi	● Orthopaedics / Pelvis, Hip & Femur	Vienna	11.30-12.30
Award Competition Free Papers Orthopaedics	Verhaar, Jan / Bégué, Thierry	● Orthopaedics	Helsinki	11.30-12.30
Stability - THA	Kinov, Plamen / Furnes, Ove	● Orthopaedics / Pelvis, Hip & Femur	Munich	11.30-12.30
Basic Science Studies In Patients And Human Subjects	Märtson, Aare / Rosset, Philippe	● General Topics / Basic Sciences	Nice	11.30-12.30
Extracapsular And Intracapsular Fractures & Arthroplasty	Berlusconi, Marco / Felicissimo, Paulo	● Trauma / Hip & Femur Trauma	Brussels	15.00-16.30
Arthroplasty Joint Replacement	Holzer, Nicolas / Torrens, Carlos	● Orthopaedics / Shoulder & Upper Arm	Berlin	15.00-16.30
FAI And Hip Dysplasia	Tannast, Moritz / Karachalios, Theofilos	● Orthopaedics / Pelvis, Hip & Femur	Vienna	17.00-18.30
Periprosthetic, Diaphyseal And Trochanteric Fractures	Heetveld, Martin / Giannoudis, Peter	● Trauma / Hip & Femur Trauma	Brussels	17.00-18.30
Perioperative Management In TKA	Forriol, Francisco / Mihalic, Rene	● Orthopaedics / Knee & Lower Leg	Madrid	17.00-18.30
Infection After Arthroplasty And Osteosynthesis	Winkler, Heinz / Romanò, Carlo Luca	● Orthopaedics / Musculoskeletal Infections	Florence	17.00-18.30
Elbow Trauma	Larsen, Morten Schultz / Blum, Jochen	● Trauma / Elbow & Forearm Trauma	Copenhagen	17.00-18.30
Knee Ligaments & Miscellaneous	Gamelas, João / Sur, Hakki	● Orthopaedics / Knee & Lower Leg	Istanbul	17.00-18.30
Networking Around The Paediatric Hip And Growth	Anticevic, Darko / Omeroglu, Hakan	● Orthopaedics / Paediatric Orthopaedics	London	17.00-18.30
Ankle And Pilon Fractures	Gougoulas, Nikolaos / Jónsson, Brynjólfur	● Trauma / Foot & Ankle Trauma	Geneva	17.00-18.30

## INSTRUCTIONAL LECTURE

Session Title	Moderator/Lecturer	Category	Room	Time
<b>31 May 2017</b>				
Cavus Foot	Tourné, Yves / Maynou, Carlos	● Orthopaedics / Foot & Ankle	Munich	11.00-12.00
Sports Activities After THA	Siebert, Werner / Krismer, Martin	● Orthopaedics / Pelvis, Hip & Femur	Paris	11.00-12.00
Partial Proximal Tibia Fractures	Candrian, Christian / Raschke, Michael	● Trauma / Knee & Lower Leg Trauma	Brussels	14.45-15.45
Optimising, Balancing And Positioning In TKA	Verhaar, Jan / Victor, Jan	● Orthopaedics / Knee & Lower Leg	Madrid	14.45-15.45

## INSTRUCTIONAL LECTURE

Session Title	Moderator/Lecturer	Category	Room	Time
<b>31 May 2017</b>				
Fast Track In Hip Arthroplasty	Kjaersgaard-Andersen, Per / Hansen, Torben Baek	● Orthopaedics / Pelvis, Hip & Femur	Lisbon	14.45-15.45
How To Deal With A Glenoid Fracture?	Cartucho, Antonio / Frich, Lars Henrik	● Trauma / Shoulder & Upper Arm Trauma	Berlin	14.45-15.45
Hip Fracture In The Elderly, Impact Of Comorbidities In Management	Muñoz Vives, Josep / Felicissimo, Paulo	● Trauma / Hip & Femur Trauma	Barcelona	16.15-17.15
Advances In Hip Arthroplasty Surgery: What Is Justified?	Schreurs, Willem / Zagra, Luigi	● Orthopaedics / Pelvis, Hip & Femur	Paris	16.15-17.15
Patellofemoral Joint: From Dysplasia To Dislocation	Neyret, Philippe / Zaffagnini, Stefano	● Orthopaedics / Knee & Lower Leg	Madrid	17.30-18.30
Impaction Injuries In The Lower Limb	Bégué, Thierry / Giannoudis, Peter	● Trauma / Varia Trauma	Berlin	17.30-18.30
<b>1 June 2017</b>				
Principles Of Correction Maneuvers In The Surgical Treatment Of Spinal Deformities	Aydingöz, Önder / Senköylü, Alpaslan	● Orthopaedics / Spine	Nice	10.15-11.15
Tips and Tricks of Using Internet for Professional Purposes	Mihalic, Rene / Kucukdurmaz, Fatih	● General Topics / Education	Madrid	11.30-12.30
Malignant Tumors Of The Foot	Cannon, Stephen R. / Mascard, Eric	● Orthopaedics / Musculoskeletal Tumors	Geneva	11.30-12.30
<b>2 June 2017</b>				
Treatment Of Chronic Orthopaedic Infections	Malizos, Konstantinos / Winkler, Heinz	● Orthopaedics / Musculoskeletal Infections	Florence	10.15-11.15
Imaging In Periprosthetic Assessment	Gebhard, Florian / Lohmann, Christoph	● General Topics / Methodology	Nice	10.15-11.15
Management Of Traumatic Meniscus Tears And Degenerative Meniscus Lesions	Victor, Jan / Beaufils, Philippe	● Orthopaedics / Knee & Lower Leg	Madrid	11.30-12.30
Nerve Injuries Of The Upper Extremity And Hand	Romanowski, Leszek / Wiberg, Mikael	● Trauma / Hand & Wrist Trauma	Barcelona	11.30-12.30
Acromion And Glenoid Shape: Why Are They Important Predictive Factors Of The Future Of Our Shoulders?	Limb, David / Nyffeler, Richard Walter	● Orthopaedics / Shoulder & Upper Arm	Berlin	11.30-12.30
Arthroscopy In Hindfoot Injuries (Acute And Sequellae)	Delmi, Marino / Ögüt, Tahir	● Orthopaedics / Foot & Ankle	Geneva	11.30-12.30

# Session Overview

## INTERACTIVE EXPERT EXCHANGE (ADDITIONAL REGISTRATION REQUIRED)

Session Title	Moderator	Category	Room	Time
<b>1 June 2017</b>				
Fixation And Replacement Options In Femoral Intracapsular Fracture	Randelli, Filippo	● Trauma / Hip & Femur Trauma	Copenhagen	10.15-12.30
The Infected Shoulder Arthroplasty	Holzer, Nicolas	● Orthopaedics / Shoulder & Upper Arm	Istanbul	10.15-12.30
Septic Defects And Non-Unions	Malizos, Konstantinos	● Orthopaedics / Musculoskeletal Infections	Paris	10.15-12.30
Osteotomies Around The Ankle	Hintermann, Beat	● Orthopaedics / Foot & Ankle	London	10.15-12.30

## 2 June 2017

Humeral Shaft Fractures	Muñoz Vives, Josep	● Trauma / Shoulder & Upper Arm Trauma	Copenhagen	10.15-12.30
Small Implants Update	Thienpont, Emmanuel	● Orthopaedics / Knee & Lower Leg	Istanbul	10.15-12.30
Revision Hip Arthroplasty	Macheras, George	● Orthopaedics / Pelvis, Hip & Femur	Paris	10.15-12.30
Interdisciplinary Approach To Treat Complex Congenital Limb Deformities	Sackers, Ralph	● Orthopaedics / Paediatric Orthopaedics	London	10.15-12.30

## OPENING SESSION

Session Title	Moderator	Category	Room	Time
<b>31 May 2017</b>				
EFORT Opening Session	Verhaar, Jan	● General Topics / Education	Vienna	12.15-13.00

## SPECIALTY & PARTNER SOCIETIES

Session Title	Moderators	Category	Room	Time
<b>31 May 2017</b>				
ESSKA Session	Seil, Romain / Menetrey, Jacques	● ESSKA	Madrid	09.00-12.00
Something For Everyone. Case-Based Discussion	Berk, Haluk	● EUROSPINE	Nice	09.00-12.00
All Around The Scaphoid: FESSH Symposium	Haerle, Max / Dahlin, Lars	● FESSH	Florence	09.00-10.30
All Around The Scaphoid: EWAS Symposium	Schmelzer-Schmied, Nicole / Herzberg, Guillaume	● EWAS	Florence	11.00-12.00
Proximal Humerus Fractures In The Elderly	Wendt, Klaus / Senekovic, Vladimir	● ESTES	Brussels	11.00-12.00

## SPECIALTY & PARTNER SOCIETIES

Session Title	Moderators	Category	Room	Time
<b>31 May 2017</b>				
Updated Management Guidelines For Five Common Hip Problems And Five Common Fractures At Paediatric Age	Anticevic, Darko	● EPOS	Helsinki	14.45-18.30
Hallux Valgus Symposium	Delmi, Marino / Singh, Dishan	● EFAS	Munich	14.45-18.30
Minimally Invasive Spinal Surgery. State Of Art	Menchetti, Pier Paolo Maria	● ISLASS	Nice	16.15-17.15

## 1 June 2017

EHS Session	Schreurs, Willem / Ullmark, Gösta / Siebert, Werner	● EHS	Munich	08.15-12.30
Update Fractures Around The Knee	Biberthaler, Peter	● ARTOF	Brussels	10.15-11.15
Pelvic Surgery 2017: Standards And Open Issues	Giannoudis, Peter / Pohlemann, Timothy	● ESPA	Barcelona	11.30-12.30
The Impact Of Infection On Bone Healing	Bégué, Thierry	● ESTROT	Paris	15.00-16.30
FORTE Session	Bonanzinga, Tommaso	● FORTE	Helsinki	15.00-18.30
Bone Defects In Traumatic Conditions Of The Shoulder And Elbow	Wambacher, Markus / Arora, Rohit	● SECEC	Florence	15.00-18.30

## 2 June 2017

There Is An Infection: I Need To Fix It! (Case Discussions)	Drago, Lorenzo / Kirketerp-Møller, Klaus	● EBJIS	Florence	08.15-09.45
Why Do Knee Replacements Hurt?	Blom, Ashley	● EORS	Nice	15.00-16.30

## SYMPOSIUM

Session Title	Moderators	Category	Room	Time
<b>31 May 2017</b>				
Management Of Open Fractures Of The Lower Extremity Across Europe: Can We Do Better?	Stöckle, Ulrich / Giannoudis, Peter	● Trauma / Varia Trauma	Brussels	09.00-10.30
Patient Safety: How To Avoid Pre- And Post-Operative Infections?	Wirtz, Dieter Christian	● General Topics / Quality Management	London	09.00-10.30
The 3D Planification Of Total Shoulder Arthroplasty: Is It A Necessity?	Emery, Roger	● Orthopaedics / Shoulder & Upper Arm	Geneva	09.00-10.30
Paediatric Orthopaedic Challenges - The Two Extremes: Competitive Sportive Vs. Physically Inactive Children	Wirth, Thomas	● Orthopaedics / Paediatric Orthopaedics	Helsinki	09.00-10.30

# Session Overview

## SYMPOSIUM

Session Title	Moderators	Category	Room	Time
<b>31 May 2017</b>				
Registry Outcome In Young Patients With Total Joints	Kjaersgaard-Andersen, Per / Nelissen, Rob G. H. H.	● General Topics / Implants, Biomaterials & Registry Study	Lisbon	09.00-10.30
Return To Sports After Surgery For Degenerative Knee	Neyret, Philippe	● Orthopaedics / Knee & Lower Leg	Istanbul	09.00-10.30
The Painful Total Hip Arthroplasty	Hernigou, Philippe	● Orthopaedics / Pelvis, Hip & Femur	Paris	09.00-10.30
Prevention And Treatment Of Sports Injuries In Younger Ages	Neyret, Philippe / Thorngren, Karl-Göran	● General Topics / Education	Copenhagen	14.45-17.15
<b>1 June 2017</b>				
Compartment Syndrome. Upper, Lower & Sports Related	Gebhard, Florian	● Trauma / Varia Trauma	Brussels	08.15-09.45
Orthopaedics & Trauma Surgery In The World Of Formula 1	Hartstein, Gary / Kucukdurmaz, Fatih	● General Topics / Miscellaneous	Madrid	08.15-09.45
Computer Models In Orthopaedic Biomechanics Research	Verdonschot, Nico	● General Topics / Biomechanics	Helsinki	08.15-09.45
Ligament Instability Of The Hand And Wrist	Calcagni, Maurizio	● Orthopaedics / Wrist & Hand	Florence	08.15-09.45
Selection Approach For Acetabular Fracture	Caba-Doussoux, Pedro	● Trauma / Pelvic Trauma	Barcelona	08.15-09.45
Trends In Paediatric Supracondylar Humeral Fractures. What Is Evidence-Based?	Omeroglu, Hakan	● Trauma / Paediatric Trauma	Berlin	08.15-09.45
Treatment Of The Proximal Femoral Fracture: Internal Fixation Or Arthroplasty	Rogmark, Cecilia	● Trauma / Hip & Femur Trauma	Copenhagen	08.15-09.45
Tendinopathies Around The Ankle	Devos Bevernage, Bernhard	● Orthopaedics / Foot & Ankle	London	08.15-09.45
AOTrauma/AORecon Symposium - Periprosthetic Fractures	Monk, Jonathan / Perka, Carsten	● Trauma / Hip & Femur Trauma	Helsinki	11.30-12.30
Pay For Performance	Verhaar, Jan / Günther, Klaus-Peter	● General Topics / Health Economy	Madrid	15.00-16.30
Femoral Neck Fractures In Young Adults	Bel, Jean-Christophe	● Trauma / Hip & Femur Trauma	Barcelona	15.00-16.30
Stiff Knee After TKA: How To Deal With?	Benazzo, Francesco	● Orthopaedics / Knee & Lower Leg	Munich	15.00-16.30
Management In Knee Injuries In Professional Alpine Skiers	Neyret, Philippe / Fink, Christian	● Orthopaedics / Knee & Lower Leg	Lisbon	15.00-16.30
Effective Publishing: How To Improve Your Chances	Haddad, Fares	● General Topics / Education	Berlin	15.00-16.30
Advances In The Treatment Of Soft-Tissue Sarcomas	Ruggieri, Pietro	● Orthopaedics / Musculoskeletal Tumors	Geneva	15.00-16.30

# Session Overview

## 1 June 2017

The Floating Knee	Raschke, Michael	● Trauma / Knee & Lower Leg Trauma	Brussels	17.00-18.30
How To Improve Your Abstract For An International Orthopaedic Congress?	Bégué, Thierry	● General Topics / Education	Madrid	17.00-18.30
Fatigue Fractures Of The Lower Limb	Ardevol-Cuesta, Jordi / Til, Lluís	● Trauma / Hip & Femur Trauma	Barcelona	17.00-18.30
Prevention And Orthopaedics Management Of The Most Frequent Football Injuries	Felmet, Gernot / Canata, Gian Luigi	● Orthopaedics / Knee & Lower Leg	Lisbon	17.00-18.30
Invited Nation Symposium: High Energy Trauma	Larsen, Morten Schultz / Stöckle, Ulrich	● Trauma / Varia Trauma	Berlin	17.00-18.30
Low Back Pain – Still An Unsolved Problem	Kladny, Bernd	● Orthopaedics / Spine	Nice	17.00-18.30

## 2 June 2017

How To Optimize Your Primary THA?	Schreurs, Willem	● Orthopaedics / Pelvis, Hip & Femur	Vienna	08.15-09.45
Treatment Options Of Intraarticular Radius Fractures	Haugstvedt, Jan-Ragnar	● Trauma / Hand & Wrist Trauma	Brussels	08.15-09.45
Early Rehabilitation After ACL Reconstruction In The Young Athletic Patient	Menetrey, Jacques	● Orthopaedics / Knee & Lower Leg	Madrid	08.15-09.45
Knee Implant Design In 2016	Victor, Jan	● Orthopaedics / Knee & Lower Leg	Helsinki	08.15-09.45
Terror Attacks – Are We Prepared?	Verhaar, Jan	● Trauma / Varia Trauma	Barcelona	08.15-09.45
Choice Of Bearings In Primary THA	Bozkurt, Murat	● Orthopaedics / Pelvis, Hip & Femur	Munich	08.15-09.45
Anterior And Posterior, Acute, Chronic And Sports-Related Sternoclavicular Dislocations	Bégué, Thierry	● Trauma / Shoulder & Upper Arm Trauma	Copenhagen	08.15-09.45
Morton Neuroma: State Of The Art	Sakellariou, Anthony	● Orthopaedics / Foot & Ankle	Geneva	08.15-09.45
Periprosthetic Fracture In THA	Siebert, Werner	● Orthopaedics / Pelvis, Hip & Femur	Vienna	15.00-16.30
Expected Outcome After ACL Reconstruction	Menetrey, Jacques	● Orthopaedics / Knee & Lower Leg	Madrid	15.00-16.30
Osteotomy Around The Knee: Technique, Results And Expectations	Pape, Dietrich	● Orthopaedics / Knee & Lower Leg	Helsinki	15.00-16.30
Orthopaedic Infections: Specialisation And Interdisciplinary Cooperation For Optimised Treatment In Europe	Kirketerp-Møller, Klaus	● Orthopaedics / Musculoskeletal Infections	Florence	15.00-16.30
Cervical Spine Injuries In Sports Practice	Thoreux, Patricia	● Trauma / Spine Trauma	Barcelona	15.00-16.30



# Session Overview

## 2 June 2017

NORE Session	Nelissen, Rob G. H. H. / Kjaersgaard-Andersen, Per	● General Topics / Implants, Biomaterials & Registry Study	Munich	15.00-16.30
Partial Articular Fractures Around The Elbow	Freude, Thomas	● Trauma / Elbow & Forearm Trauma	Copenhagen	15.00-16.30
Rapid Recovery After THA And TKA. Any Difference Between Younger And Elderly Active Patients?	Kehlet, Henrik / Husted, Henrik	● General Topics / Quality Management	Istanbul	15.00-16.30
Difficult Primary THA	Smith, Evert	● Orthopaedics / Pelvis, Hip & Femur	Paris	15.00-16.30
Talus Fractures	Hintermann, Beat / Rammelt, Stefan	● Trauma / Foot & Ankle Trauma	Geneva	15.00-16.30
Long-Term Results And Functional Outcomes Of TKA	Argenson, Jean-Noël	● Orthopaedics / Knee & Lower Leg	Helsinki	17.00-18.30
Current Knowledge On Metal-On- Metal: What Have We Learned 10 Years Later	Nelissen, Rob G. H. H. / Kjaersgaard-Andersen, Per	● General Topics / Implants, Biomaterials & Registry Study	Munich	17.00-18.30
e-Health Applications In Orthopaedic Research	Jahr, Holger	● General Topics / Basic Sciences	Nice	17.00-18.30

## Sports Activities & Orthopaedic Practice

Specific sessions highlight the crucial role of the European orthopaedic community in delivering high quality and appropriate care for both everyday and professional sport practitioners.

Choose your preferred topic, and join the playing team!

### Wednesday 31 May 2017



- 09:00-10:30 Return To Sports After Surgery For Degenerative Knee
- 09:00-10:30 Paediatric Orthopaedic Challenges - The Two Extremes: Competitive Sportive Vs. Physically Inactive Children
- 11:00-12:00 Sports Activities After THA
- 14:45-17:15 Prevention & Treatment Of Sports Injuries In Younger Ages

### Thursday 01 June 2017



- 08:15-09:45 Compartment Syndrome. Upper, Lower & Sports Related
- 08:15-09:45 Orthopaedics & Trauma Surgery In The World Of Formula 1
- 15:00-16:30 Management In Knee Injuries In Professional Alpine Skiers
- 17:00-18:30 Prevention & Orthopaedic Management Of The Most Frequent Football Injuries
- 17:00-18:30 Return To Sport Activities After Arthroplasty

### Friday 02 June 2017



- 08:15-08:25 Eye Opener CRC: From Stadium Lights To OR Lights
- 08:15-09:45 Anterior And Posterior, Acute, Chronic And Sports-Related Sternoclavicular Dislocations
- 08:15-09:45 Early Rehabilitation After ACL Reconstruction In The Young Athletic Patient
- 15:00-16:30 Cervical Spine Injuries In Sports Practice

# Abstract Information

## STATISTICS PER TOPIC

General Topics	272	%
Basic Sciences	62	23%
Miscellaneous	46	17%
Quality Management	41	15%
Implants, Biomaterials & Registry Study	41	15%
Education	23	8%
Biomechanics	21	8%
Systemic Disorders	17	6%
Health Economy	16	6%
Methodology	5	2%

Orthopaedics	1945	
Knee & Lower Leg	539	28%
Pelvis, Hip & Femur	533	27%
Shoulder & Upper Arm	177	9%
Foot & Ankle	137	7%
Spine	122	6%
Musculoskeletal Tumors	122	6%
Musculoskeletal Infections	106	5%
Paediatric Orthopaedics	104	5%
Wrist & Hand	78	4%
Elbow & Forearm	27	1%

Trauma	899	
Hip & Femur Trauma	208	23%
Knee & Lower Leg Trauma	137	15%
Shoulder & Upper Arm Trauma	113	13%
Foot & Ankle Trauma	106	12%
Paediatric Trauma	68	8%
Hand & Wrist Trauma	62	7%
Elbow & Forearm Trauma	62	7%
Pelvic Trauma	52	6%
Varia Trauma	43	5%
Spine Trauma	24	3%
Polytrauma	24	3%

Grand Total	3116
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General Topics	272
Basic Sciences	62
Miscellaneous	46
Quality Management	41
Implants, Biomaterials & Registry Study	41
Education	23
Biomechanics	21
Systemic Disorders	17
Health Economy	16
Methodology	5

Orthopaedics	1945
Knee & Lower Leg	539
Joint Replacement - Primary	276
Joint Preserving Surgery & Soft-tissue Repair	122
Miscellaneous	53
Epidemiology, Prevention & Diagnosis	33
Joint Replacement - Secondary	31
Conservative Treatment	24

Pelvis, Hip & Femur	533
Joint Replacement - Primary	275
Joint Preserving Surgery	97
Joint Replacement - Secondary	78
Miscellaneous	50
Epidemiology, Prevention & Diagnosis	29
Conservative Treatment	4

Shoulder & Upper Arm	177
Joint Preserving Surgery & Soft-tissue Repair	59
Joint Replacement - Primary	36
Miscellaneous	33
Epidemiology, Prevention & Diagnosis	33
Conservative Treatment	10
Joint Replacement - Secondary	6

Foot & Ankle	137
Joint Preserving Surgery & Soft-tissue Repair	55
Miscellaneous	33
Arthrodeses	26
Joint Replacement	9
Epidemiology, Prevention & Diagnosis	8
Conservative Treatment	4
Congenital Deformities	2

Spine	122
Degenerative Spine Surgery	38
Miscellaneous	33
Deformity Surgery	22
Epidemiology, Prevention & Diagnosis	21
Conservative Treatment & Rehabilitation	8

Musculoskeletal Tumors	121
Malignant Tumors	44

Benign Tumors	27
Miscellaneous	20
Epidemiology, Prevention & Diagnosis	15
Metastasis	15

Musculoskeletal Infections	107
Infection After Arthroplasty & Osteosynthesis	53
Infection Of Bone, Joints & Soft-tissue	31
Epidemiology, Prevention & Diagnosis	18
Miscellaneous	5
Paediatric Orthopaedics	104
Hip	32
Infection & Systemic Disorders	14
Miscellaneous	13
Foot	12

Knee	10
Upper Extremity	8
Neurologic & Metabolic Disorders	8
Spine	4
Epidemiology, Prevention & Diagnosis	3

Wrist & Hand	78
Miscellaneous	31
Joint Preserving Surgery & Soft-tissue Repair	19
Epidemiology, Prevention & Diagnosis	11
Conservative Treatment	6
Joint Replacement	6
Arthrodeses	3
Congenital Deformities	2

Elbow & Forearm	27
Joint Preserving Surgery & Soft-tissue Repair	12
Miscellaneous	7
Joint Replacement	5
Epidemiology, Prevention & Diagnosis	2
Conservative Treatment	1

Trauma	899
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Hip & Femur Trauma	208
Surgical Treatment	90
Complications	36
Epidemiology, Prevention & Diagnosis	30
Miscellaneous	23
Periprosthetic Fractures	21
Conservative Treatment & Rehabilitation	8

Knee & Lower Leg Trauma	137
Surgical Treatment	92
Complications	16
Epidemiology, Prevention & Diagnosis	11
Miscellaneous	9
Conservative Treatment & Rehabilitation	5
Periprosthetic Fractures	4

# Abstract Information

## STATISTICS PER TOPIC (continue)

<b>Shoulder &amp; Upper Arm Trauma</b>	113
Surgical Treatment	79
Conservative Treatment & Rehabilitation	10
Miscellaneous	9
Complications	8
Epidemiology, Prevention & Diagnosis	7
<b>Foot &amp; Ankle Trauma</b>	106
Surgical Treatment	67
Conservative Treatment & Rehabilitation	12
Complications	11
Miscellaneous	9
Epidemiology, Prevention & Diagnosis	7
<b>Paediatric Trauma</b>	68
Surgical Treatment	28
Complications	13
Epidemiology, Prevention & Diagnosis	12
Conservative Treatment & Rehabilitation	10
Miscellaneous	5
<b>Hand &amp; Wrist Trauma</b>	62
Surgical Treatment	39
Miscellaneous	6
Conservative Treatment & Rehabilitation	6
Epidemiology, Prevention & Diagnosis	6
Complications	5
<b>Elbow &amp; Forearm Trauma</b>	62
Surgical Treatment	42
Complications	6
Conservative Treatment & Rehabilitation	6
Epidemiology, Prevention & Diagnosis	5
Miscellaneous	3
<b>Pelvic Trauma</b>	52
Surgical Treatment	33
Complications	8
Miscellaneous	5
Epidemiology, Prevention & Diagnosis	4
Conservative Treatment & Rehabilitation	2
<b>Varia Trauma</b>	43
Spine Trauma	24
Surgical Treatment	12
Epidemiology, Prevention & Diagnosis	6
Conservative Treatment & Rehabilitation	3
Miscellaneous	2
Complications	1
<b>Polytrauma</b>	24
Surgical Treatment	8
Epidemiology, Prevention & Diagnosis	8
Miscellaneous	5
Complications	2
Conservative Treatment & Rehabilitation	1

## STATISTICS PER COUNTRY

Country	3116	%		
United Kingdom	643	20.6%	Colombia	4 0.1%
Portugal	226	7.3%	Macedonia, Former Yugoslav Republic of	3 0.1%
Italy	188	6.0%	Peru	3 0.1%
Japan	174	5.6%	Estonia	3 0.1%
Spain	170	5.5%	Qatar	3 0.1%
Turkey	145	4.7%	France, Metropolitan	3 0.1%
South Korea	143	4.6%	Cyprus	3 0.1%
United States	115	3.7%	New Zealand	2 0.1%
Austria	103	3.3%	Malta	2 0.1%
Greece	96	3.1%	South Africa	2 0.1%
Switzerland	82	2.6%	Hungary	2 0.1%
Germany	76	2.4%	Serbia and Montenegro	2 0.1%
France	65	2.1%	Nepal	2 0.1%
Singapore	64	2.1%	Kazakhstan	2 0.1%
Argentina	53	1.7%	Slovakia	2 0.1%
Egypt	50	1.6%	Latvia	2 0.1%
Netherlands, The	43	1.4%	Viet Nam	1 0.0%
Australia	43	1.4%	Libya	1 0.0%
Romania	42	1.3%	St. Helena	1 0.0%
India	40	1.3%	Syria	1 0.0%
Belgium	40	1.3%	Sudan	1 0.0%
Denmark	37	1.2%	Lithuania	1 0.0%
Russia	30	1.0%	Grand Total	3116 100%
China	30	1.0%		
Poland	28	0.9%		
Iran	28	0.9%		
Israel	26	0.8%		
Thailand	25	0.8%		
Sweden	20	0.6%		
Slovenia	20	0.6%		
Tunisia	20	0.6%		
Ireland	18	0.6%		
Ukraine	17	0.5%		
Finland	16	0.5%		
Croatia	14	0.4%		
Belarus	11	0.4%		
Czech Republic	11	0.4%		
Kosovo	11	0.4%		
Canada	10	0.3%		
Pakistan	10	0.3%		
Lebanon	9	0.3%		
Bulgaria	9	0.3%		
Taiwan	9	0.3%		
Brazil	9	0.3%		
Bangladesh	9	0.3%		
Saudi Arabia	8	0.3%		
Philippines	6	0.2%		
Chile	6	0.2%		
Bosnia and Herzegovina	6	0.2%		
Norway	6	0.2%		
United Arab Emirates	5	0.2%		
Serbia	5	0.2%		

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Room	Vienna	Lisbon	Munich	Barcelona	Brussels	Madrid	Helsinki	Florence			
Time											
08:00											
08:15											
08:30											
08:45											
09:00	Registry Outcome In Young Patients With Total Joints (S)	Forefoot Orthopaedic Surgical Treatment (FP)	Forefoot And Hindfoot Injuries (FP)	Management Of Open Fractures Of The Lower Extremity Across Europe: Can We Do Better? (S)	ESSKA Session (Spec. Soc.)	Paediatric Orthopaedic Challenges - The Two Extremes: Competitive Sportive Vs. Physically Inactive Children (S)	All Around The Scapoid: FESSH Symposium (Spec. Soc.)				
09:15											
09:30											
09:45											
10:00											
10:15											
10:30	BREAK										
10:45	BREAK										
11:00	Metal-On-Metal Bearing In Total Hip Arthroplasty (FP)	Cavus Foot (IL)	Clinical Cases - Foot Et Ankle Trauma (CC)	Proximal Humerus Fractures In The Elderly (Spec. Soc.)		Results Of Early And Delayed Treatment Protocols For Closed Reduction Of DDH (EBM)	All Around The Scapoid: EWAS Symposium (Spec. Soc.)				
11:15											
11:30											
11:45											
12:00											
12:15	EFORT Opening Session										
12:30											
12:45											
13:00											
13:15											
13:30	Lunch Break - Industry-Sponsored Symposia										
13:45											
14:00											
14:15											
14:30											
14:45	Bearing System In THA (FP)	Fast Track In Hip Arthroplasty (IL)	Hallux Valgus Symposium (Spec. Soc.)	Conservative Treatment And Miscellaneous (FP)	Partial Proximal Tibia Fractures (IL)	Optimising, Balancing And Positioning In TKA (IL)	Updated Management Guidelines For Five Common Hip Problems And Five Common Fractures At Paediatric Age (Spec. Soc.)	Soft-Tissue Disorders Of The Hand - What Is New? (FP)			
15:00											
15:15		BREAK				BREAK			BREAK		
15:30											
15:45											
16:00											
16:15	New Evidence In The Treatment Of Prosthetic Hip Joint Infection (EBM)	Fast Track In THA (FP)		Hip Fracture In The Elderly, Impact Of Comorbidities In Management (IL)	Proximal Tibia Fractures (FP)	ACL Outcomes (FP)		Clinical Cases - Wrist Et Hand (CC)			
16:30											
16:45											
17:00											
17:15		BREAK			BREAK				BREAK		
17:30											
17:45	Miscellaneous THA (FP)	Cemented Vs. Cementless Primary Tha (DF)		Epidemiology And Complications (FP)	Tibial Shaft Fractures (FP)	Patellofemoral Joint: From Dysplasia To Dislocation (IL)		Therapeutical Options For Arthritis Of The Wrist And Hand (FP)			
18:00											
18:15											
18:30											
18:45											

<span style="display:inline-block; width:15px; height:15px; background-color:orange; border:1px solid black;"></span> GENERAL ORTHOPAEDICS	<span style="display:inline-block; width:15px; height:15px; background-color:teal; border:1px solid black;"></span> UPPER LIMB	<span style="display:inline-block; width:15px; height:15px; background-color:orange; border:1px solid black;"></span> LOWER LIMB	<span style="display:inline-block; width:15px; height:15px; background-color:lightgreen; border:1px solid black;"></span> SPINE	<span style="display:inline-block; width:15px; height:15px; background-color:blue; border:1px solid black;"></span> TRAUMA/ POLYTRAUMA	<span style="display:inline-block; width:15px; height:15px; background-color:purple; border:1px solid black;"></span> PAEDIATRICS	<span style="display:inline-block; width:15px; height:15px; background-color:grey; border:1px solid black;"></span> GENERAL EDUCATION
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S = Symposium    IL = Instructional Lecture    EBM = Evidence Based Medicine    DF = Debate Forum    CC = Clinical Cases



Nice	Geneva	Berlin	Copenhagen	Istanbul	Paris	London	Room	
							Time	
							08:00	
							08:15	
							08:30	
							08:45	
Something For Everyone. Case-Based Discussion (Spec. Soc.)	The 3D Planification Of Total Shoulder Arthroplasty: Is It A Necessity? (S)	General Elbow (FP)	Easy Evidence Updates Of The Lower Limb (EEU)	Return To Sports After Surgery For Degenerative Knee (S)	The Painful Total Hip Arthroplasty (S)	Patient Safety: How To Avoid Pre- And Post-Operative Infections? (S)	09:00	
	BREAK			BREAK			09:15	
	BREAK			BREAK			09:30	
	BREAK			BREAK			09:45	
	BREAK			BREAK			10:00	
	BREAK			BREAK			10:15	
	BREAK			BREAK			10:30	
	BREAK			BREAK			10:45	
	Instability Et Miscellaneous (FP)	Clinical Cases - Elbow Et Forearm Trauma (CC)			Assisted Surgical Techniques And Results In TKA (FP)	Sports Activities After THA (IL)	Quality Improvement (FP)	11:00
								11:15
						11:30		
						11:45		
							12:00	
<b>EFORT Opening Session</b>							12:15	
							12:30	
							12:45	
<b>Lunch Break – Industry-Sponsored Symposia</b>							13:00	
							13:15	
							13:30	
							13:45	
							14:00	
							14:15	
							14:30	
Spine Trauma (FP)	Patient Factors In TKA Outcomes (FP)	How To Deal With A Glenoid Fracture? (IL)	Prevention And Treatment Of Sports Injuries In Younger Ages (S)	Challenges In High Tibial Osteotomies (FP)	Clinical Cases - Pelvis, Hip Et Femur 1 (CC)	Varia Trauma (FP)	14:45	
BREAK				BREAK			15:00	
BREAK				BREAK			15:15	
BREAK				BREAK			15:30	
Minimally Invasive Spinal Surgery. State Of Art (Spec. Soc.)	Clinical Cases - Knee Et Lower Leg (CC)	Clinical Cases - Shoulder Et Upper Arm Trauma (CC)		Complications In TKA (FP)	Advances In Hip Arthroplasty Surgery: What Is Justified? (IL)	Iliac Wing, Acetabular And Fragility Fractures (FP)	15:45	
							16:00	
							16:15	
							16:30	
							16:45	
							17:00	
BREAK							17:15	
Deformity (FP)	Surgical Techniques And Results In TKA (FP)	Impaction Injuries In The Lower Limb (IL)	Hip Dysplasia And Arthroscopy (FP)	Early Knee Osteoarthritis (FP)	Systemic Disorders And Miscellaneous (FP)	Polytrauma And Sacrum Trauma (FP)	17:30	
							17:45	
							18:00	
							18:15	
							18:30	
							18:45	

CCD = Complex Case Discussion      FP = Free Papers      Spec. Soc. = Specialty Et Partner Societies      IEE = Interactive Expert Exchange

09:00 – 10:30

General Topics / Implants, Biomaterials & Registry Study

**SYMPOSIUM**      **REGISTRY OUTCOME IN YOUNG PATIENTS WITH TOTAL JOINTS**      Room Lisbon

09.00–10.30      Moderators: Kjaersgaard-Andersen, Per (Denmark), Nelissen, Rob G. H. H. (Netherlands, The)

Outcome THA In Patients Younger Than 50-Years-Old, Nordic Data  
Speaker: Nordsletten, Lars (Norway)

Effect Of THA Bearings And Outcome  
Speaker: Varnum, Claus (Denmark)

Knee Osteoarthritis In Young Patients: Unicondylar, Osteotomy Or Total?  
Speaker: Wilton, Tim (United Kingdom)

TKA In Patients Younger Than 50 years. Data From SKAR  
Speaker: Robertsson, Grétar Ottó (Iceland)

Discussion

Orthopaedics / Foot & Ankle

**FREE PAPER**      **FOREFOOT ORTHOPAEDIC SURGICAL TREATMENT**      Room Munich

09.00–10.30      Moderators: Delmi, Marino (Switzerland), Jónsson, Brynjólfur (Sweden)

Phenol Injection For Morton's Neuroma Under Electroneurographic Guidance  
Authors: Magnan, Bruno / Samaila, Elena Manuela / Bonetti, Ingrid / Ambrosini, Carlo / Ilambwesti, Betty / D'Orazio, Luca  
Speaker: Magnan, Bruno (Italy)

Patient Factors Affecting Outcome Following Morton's Neuroma Excision: A Prospective Study  
Authors: Bucknall, Vittoria / Rutherford, Duncan / Macdonald, Deborah / Shalaby, Hisham / Mckinley, John / Breusch, Steffen  
Speaker: Rutherford, Duncan (United Kingdom)

Differences In Outcome Between Senior Surgeon And Resident Surgeon For Hallux Valgus Surgery  
Authors: Wolf, Matthias / Bernhardt, Gerwin Alexander / Kelenc, Ulrich / Clar, Heimo / Leithner, Andreas / Ruckstuhl, Paul / Gruber, Gerald  
Speaker: Wolf, Matthias (Austria)

Plantar Forces Mid-Term After Hemiarthroplasty With HemiCAP For Hallux Rigidus  
Authors: Jørsboe, Pernille / Stage Pedersen, Michael / Benyahia, Mostafa / Holm Møller, Mads / Kallemose, Thomas / Brink Speedtsberg, Merete / Bloch Lauridsen, Hanne / Østergaard Penny, Jeannette  
Speaker: Jørsboe, Pernille (Denmark)

Discussion

Hallux Valgus Patients, Why Are They Happy?  
Authors: Baca, Emre / Ercin, Ersin / Erkilinc, Mehmet / Kural, Cemal  
Speaker: Baca, Emre (Turkey)

Hallux Interphalangeus Angle: Reliability Of Radiological Assessments  
Authors: Hujazi, Ihab / Yassa, Rafik / Khalfaoui, Mahdi / Sevenoaks, Hannah / Barrie, Jim  
Speaker: Hujazi, Ihab (United Kingdom)

Bioabsorbable Vs. Titanium Screws For First Metatarsophalangeal Joint Arthrodesis: An In Vitro Study  
Authors: Partio, Nikke / Mäenpää, Heikki  
Speaker: Partio, Nikke (Finland)

Assessment Of Hallux Valgus Correction With Conventional Open Distal First Metatarsal Osteotomy Compared To Minimally Invasive First Metatarsal Chevron Osteotomy  
Authors: Banerjee, Purnajyoti / Ajs, Adam  
Speaker: Banerjee, Purnajyoti (United Kingdom)

Discussion

Comparison Between Transosseous Capsulorrhaphy And Akin Osteotomy In The Management Of Hallux Valgus  
Authors: Faraj, Adnan / Chang, Chad  
Speaker: Faraj, Adnan (United Kingdom)

09:00 – 10:30

Percutaneous Hallux Valgus Surgery Without Distal Metatarsal Articular Angle Correction

Authors: Crespo Romero, Eusebio / Arcas Ordoño, Alvaro / Peñuela Candel, Raquel / Gómez Gómez, Silvia / Arias Arias, Angel / Gálvez González, Jaime / Domínguez Serrano, Daniel / Crespo Romero, Ricardo  
Speaker: Crespo Romero, Eusebio (Spain)

Arthrodesis Of The First Metatarsophalangeal Joint With An Intramedullary Device Compared To Crossed Canulated Screws

Authors: Diesinger, Yann / Hazapar, Nicolae / Degori, Marco  
Speaker: Diesinger, Yann (France)

Complications Of Percutaneous Surgery For Hallux Valgus Treatment

Authors: Alpoim Silva Gomes, Francisco / Angelo, Susana / Roseiro, Tiago / Peixoto, Daniel Augusto / Vale, Claudia / Oliveira, Vasco / Pereira, Carlos  
Speaker: Alpoim Silva Gomes, Francisco (Portugal)

Discussion

**Trauma / Foot & Ankle Trauma**

FREE PAPER

**FOREFOOT AND HINDFOOT INJURIES**

Room Barcelona

09.00-10.30

Moderators: Crevoisier, Xavier (Switzerland), Monteagudo, Manuel (Spain)

Assessment Of Toe Injuries, Do They Need Follow-Up?

Authors: Hastie, Graham / Goyal, Ravi  
Speaker: Hastie, Graham (United Kingdom)

Dynamic Pedobarography Findings After Displaced Intraarticular Calcaneal Fractures

Authors: Çolak, Ilker / Kuru Çolak, Tugba / Timurtas, Eren / Gülabi, Deniz  
Speaker: Çolak, Ilker (Turkey)

A Physiotherapist Led Achilles Rupture Service: Our Experience

Authors: Jones, Annette / Berber, Reshid / Patel, Mohammed S. / Bhatia, Maneesh / Kheiran, Amin  
Speaker: Kheiran, Amin (United Kingdom)

Is Augmentation Surgical Repair Of Acute Achilles Tendon Rupture Worthy?

Authors: Leigheb, Massimiliano / Grassi, Federico  
Speaker: Leigheb, Massimiliano (Italy)

Discussion

Predictors Of Functional Outcome, Pain And Satisfaction After Non-Operative Treatment Of An Achilles Tendon Rupture

Authors: Reito, Aleks / Ahonen, Katri / Nurmi, Heikki / Paloneva, Juha / Logren, Hanna-Liina  
Speaker: Reito, Aleks (Finland)

Fixation Strategies Based On Anatomical Considerations In Talar Neck Fractures

Authors: Nicholson, Jamie / Kumar, Senthil / Clayton, Robert  
Speaker: Nicholson, Jamie (United Kingdom)

Ankle Fracture Dislocations: A Retrospective Review Of Clinical, Functional And Radiological Results Of 26 Cases About The Prognostic Criteria

Authors: Pehlivanoglu, Tuna / Akgul, Turgut / Chodza, Mehmet / Kilicoglu, Onder Ismet / Valiyev, Natig / Yazicioglu, Onder  
Speaker: Pehlivanoglu, Tuna (Turkey)

Risk Factors For Failed Non-Operative Treatment And Re-Rupture In Acute Achilles Tendon Rupture: A Retrospective Analysis Of 224 Patients

Authors: Reito, Aleks / Logren, Hanna-Liina / Ahonen, Katri / Nurmi, Heikki / Paloneva, Juha  
Speaker: Reito, Aleks (Finland)

Discussion

Intraarticular Fractures Of Calcaneus. Is Surgery The Best Treatment?

Authors: Trueba Sánchez, Lorena / Teruel, Victor Manuel / Asenjo Rubio, Iñigo / Arteaga Hernández, Jose Gregorio / López Díez, Maria Elena / Millán Cid, Mercedes / Cunchillos, Jorge / Rodríguez Pérez, Antonio  
Speaker: Trueba Sánchez, Lorena (Spain)

09:00 – 10:30

Outcome Of Surgical Treatment In Displaced Intraarticular Fractures Of The Calcaneus

Authors: Badila, Adrian Emilian / Manolescu, Robert / Nutiu, Octavian / Japie, Ioan / Radulescu, Dragos-Mihai / Terinte, Silvia / Cocor, Cristina / Tihulca, Marius / Radulescu, Radu  
Speaker: Badila, Adrian Emilian (Romania)

The Possibility Of Prediction Of Screw Diameter For The Surgical Treatment Of Jones Fractures. An Anatomical Study

Authors: Symeonidis, Panagiotis / Gkiatas, Ioannis / Papachristodoulou, Athanasia / Papadopoulos, Dimitrios / Giannoulis, Dionysios / Vasiliadou, Ekaterini / Beris, Alexandros  
Speaker: Gkiatas, Ioannis (Greece)

Percutaneous Repair Of Acute Rupture Of Achilles Tendon: Comparison Of Three Techniques

Authors: Magnan, Bruno / Samaila, Elena Manuela / Bonetti, Ingrid / Silvestri, Andrea / Dall'Oca, Carlo  
Speaker: Magnan, Bruno (Italy)

Discussion

Trauma / Varia Trauma

**SYMPOSIUM** MANAGEMENT OF OPEN FRACTURES OF THE LOWER EXTREMITY ACROSS EUROPE: Room Brussels  
**09.00-10.30** CAN WE DO BETTER?

**Moderator: Stöckle, Ulrich (Germany), Giannoudis, Peter (United Kingdom)**

European Survey On Lower Limb Open Fractures: What Have We Learned?

Speaker: Giannoudis, Peter (United Kingdom)

Chasing The 6-Hour Debridement Rule: Is It Still Valid?

Speaker: Candrian, Christian (Switzerland)

Is The Fix And Flap Concept Still Valid And Realistically Possible? Evidence Today

Speaker: Gebhard, Florian (Germany)

Open Tibial Fractures: Has The Infection Rate Reduced? What Is The Evidence?

Speaker: Muñoz Vives, Josep (Andorra)

What Should Be The Length Of Antibiotic Administration: Have We Reached A Consensus?

Speaker: Larsen, Morten Schultz (Denmark)

Discussion

Orthopaedics / Paediatric Orthopaedics

**SYMPOSIUM** PAEDIATRIC ORTHOPAEDIC CHALLENGES - THE TWO EXTREMES: COMPETITIVE Room Helsinki  
**09.00-10.30** SPORTIVE VS. PHYSICALLY INACTIVE CHILDREN

**Moderator: Wirth, Thomas (Germany)**

Epidemiology And Changes In Injury Patterns In Children And Adolescents Involved In Competitive Sports

Speaker: Lascombes, Pierre (Switzerland)

Overuse Injuries In Young Athletes - Is There A Correlation To Sporting Activity

Speaker: Møller-Madsen, Bjarne (Denmark)

Trauma Epidemiology And Fracture Patterns In Obese Growing Patients

Speaker: Cassiano Neves, Manuel (Portugal)

Changes In Orthopaedic Disease Patterns In The Orthopaedic Practice With Increase Of Children's Body Weight

Speaker: Czubak, Jaroslaw

Discussion

FESSH – Federation of European Societies for Surgery of the Hand



Orthopaedics / Wrist & Hand

<b>SPECIALTY &amp; PARTNER SOCIETIES</b>	<b>ALL AROUND THE SCAPHOID: FESSH SYMPOSIUM</b>	<b>Room Florence</b>
<b>09.00–10.30</b>	<b>Moderators: Haerle, Max (Germany), Dahlin, Lars (Sweden)</b>	

Scapholunate Ligament Open Repair  
Speaker: Garcia-Elias, Marc (Spain)

Scapholunate Ligament Arthroscopic Repair  
Speaker: Schmelzer-Schmied, Nicole (Switzerland)

Discussion

SLAC / SNAC Four Corner Fusion Vs. Roximal Row Carpectomy  
Speaker: Kebrle, Radek (Czech Republic)

Partial Fusions Arthroscopic Technique  
Speaker: Baur, Eva (Germany)

Arthroscopic Resektion Arthroplasties  
Speaker: Bellemere, Philippe (France)

Radioscapholunate Fusion  
Speaker: Pezzei, Christoph (Austria)

Discussion

STT Osteoarthritis Open Technique  
Speaker: Haerle, Max (Germany)

STT Osteoarthritis Arthroscopic Technique  
Speaker: Atzei, Andrea (Italy)

Orthopaedics / Shoulder & Upper Arm

<b>SYMPOSIUM</b>	<b>THE 3D PLANIFICATION OF TOTAL SHOULDER ARTHROPLASTY: IS IT A NECESSITY?</b>	<b>Room Geneva</b>
<b>09.00–10.30</b>	<b>Moderator: Emery, Roger (United Kingdom)</b>	

The Importance Of Glenoid Alignment – A Biomedical Answer  
Speaker: Hansen, Ulrich (United Kingdom)

What Is The Correct Component Position And Does It Matter Clinically?  
Speaker: Gregory, Thomas (France)

Is Surgical Planning A Necessity For All Cases?  
Speaker: Verborgt, Olivier (Belgium)

Expensive Technology – Can The Cost Be Justified?  
Speaker: Emery, Roger (United Kingdom)

Discussion

Orthopaedics / Elbow & Forearm

<b>FREE PAPER</b>	<b>GENERAL ELBOW</b>	<b>Room Berlin</b>
<b>09.00–10.30</b>	<b>Moderators: Malushev Enchev, Dian (Bulgaria), Plecko, Michael (Austria)</b>	

A Novel Technique Of Subcutaneous Ulnar Nerve Transposition Using Osborne's Ligament As A Ligamentodermal Or Ligamentofascial Sling  
Authors: Dhawan, Vikas  
Speaker: Dhawan, Vikas (United States)

09:00 – 10:30

Pre-Operative Templating In Total Elbow Arthroplasty; Not Useful

Authors: Prkic, Ante / Van Bergen, Christiaan / The, Bertram / Eygendaal, Denise  
Speaker: Prkic, Ante (Netherlands, The)

Nirschl Vs. Arthroscopy In Epicondylitis Resistant To Conservative Treatment

Authors: Sánchez Cervilla, Raul / García Castellanos, Ana María / Benitez Bremer, Miguel / Amarilla, Javier  
Speaker: Sánchez Cervilla, Raul (Spain)

Exostosectomy, Ulnar Lengthening And Radial Correction Osteotomy In Masada Type I Deformity In Patients With Multiple Osteochondromas

Authors: Flipsen, Mark / Koolen, Marianne / Ham, John / Mader, Konrad  
Speaker: Flipsen, Mark (Netherlands, The)

Discussion

Mid-Term Results Of Elbow Surgery For Post-Operative Stiffness Of The Elbow Joint

Authors: Athar, M. Sajjad / Ashwood, Neil / Galanopolos, Ilias  
Speaker: Athar, M. Sajjad (United Kingdom)

Anconeus Interposition Arthroplasty: A Joint Preserving Salvage Procedure For Lateral Elbow Compartment Pathologies

Authors: Toft, Felix / Moro, Fabrizio  
Speaker: Toft, Felix (Switzerland)

V-Y Plasty Of The Common Extensor Origin For Recalcitrant Lateral Elbow Tendinosis

Authors: Ahuja, Neeraj / Choudhry, Baseem / Clark, David / Cresswell, Tim / Tambe, Amol / Espag, Marius  
Speaker: Ahuja, Neeraj (United Kingdom)

Outcome Of Platelet-Rich Plasma In Refractory Lateral Elbow Tendinosis

Authors: Choudhry, Baseem / Ahuja, Neeraj / Clark, David / Espag, Marius / Tambe, Amol / Cresswell, Tim  
Speaker: Choudhry, Baseem (United Kingdom)

Discussion

Comparison Of Three Different Injections (Autologous Whole Blood, Corticosteroid And Their Combination) For The Treatment Of Lateral Epicondylitis; A Randomised Clinical Trial

Authors: Turan, Adil / Köse, Özkan / Yilmaz, Baris / Arik, Hasan Onur / Uçar, Mustafa  
Speaker: Turan, Adil (Turkey)

Original Treatment For Lateral Epicondylitis By Exclusive External Approach: Description Of Technique And Review Of 34 Cases

Authors: Colombi, Romain / Devillier, Alexandre / Soeur, Lydie / Chauvet, Thomas / Bevand, Adrien / Ezzahoui, Abdelilah / Martz, Pierre  
Speaker: Colombi, Romain (France)

USG-Guided Injection Of Corticosteroid For Lateral Epicondylitis Does Not Improve Clinical Outcomes: A Prospective Randomised Study

Authors: Gülabi, Deniz / Uysal, Mehmet Ali / Akça, Ahmet / Çolak, Ilker / Cecen, Gültekin Sitki / Gümüstas, Seyit Ali  
Speaker: Çolak, Ilker (Turkey)

Platelet-Rich Plasma Injections For Lateral Epicondylitis Of The Elbow Reduce The Need For Surgical Intervention

Authors: Hastie, Graham / Soufi, Mazen / Wilson, James / Roy, Bibhas  
Speaker: Hastie, Graham (United Kingdom)

Discussion

Orthopaedics / Knee & Lower Leg

**SYMPOSIUM** RETURN TO SPORTS AFTER SURGERY FOR DEGENERATIVE KNEE

Room Istanbul

09.00–10.30 Moderator: Neyret, Philippe (France)

After Total Knee Arthroplasty

Speaker: Zaffagnini, Stefano (Italy)

After Tibial Osteotomy

Speaker: Van Heerwaarden, Ronald (Netherlands, The)

09:00 – 10:30

After Cartilage Management  
Speaker: Verdonk, René (Belgium)

After Unicompartment  
Speaker: Doral, Mahmut Nedim (Turkey)

Discussion

**Orthopaedics / Pelvis, Hip & Femur**

**SYMPOSIUM THE PAINFUL TOTAL HIP ARTHROPLASTY Room Paris**

09.00–10.30 Moderator: Hernigou, Philippe (France)

Occult Infection And Occult Loosening  
Speaker: Karachalios, Theofilos (Greece)

Non Infective Primary Painful Arthroplasty Related To Implant Offset, Leg Length Discrepancy, Position  
Speaker: Massin, Philippe (France)

Non Infective Painful Arthroplasty After Revision  
Speaker: Zagra, Luigi (Italy)

Rare Causes Of Pain: Muscle Impingement, Allergy, Radiculopathy  
Speaker: García-Rey, Eduardo (Spain)

Discussion

**General Topics / Quality Management**

**SYMPOSIUM PATIENT SAFETY: HOW TO AVOID PRE- AND POST-OPERATIVE INFECTIONS? Room London**

09.00–10.30 Moderator: Wirtz, Dieter Christian (Germany)

Patient And Health Care System Related Risk-Factors In Perioperative Infection  
Speaker: Zingg, Walter (Switzerland)

Antibiotic Strategies For Infection Prevention: Current Status Of Evidence  
Speaker: Gómez Barrena, Enrique (Spain)

Avoidance Of Perioperative Infections: What Can We Do In High Risk Patients?  
Speaker: Winkler, Heinz (Austria)

How To Protect Implants From Bacterial Colonisation?  
Speaker: Van Der Mei, Henny C. (Netherlands, The)

Discussion

09:00 – 12:00

**ESSKA – European Society of Sports Traumatology, Knee Surgery and Arthroscopy**



**Orthopaedics / Knee & Lower Leg**

**SPECIALTY & PARTNER SOCIETIES ESSKA SESSION Room Madrid**

09.00–12.00 Moderators: Seil, Romain (Luxembourg), Menetrey, Jacques (Switzerland)

High Tibial Osteotomy: Should It Be Still Performed In 2017

Introduction  
Speaker: Menetrey, Jacques (Switzerland)

Surgical Technique – Tips And Pearls  
Speaker: Dejour, David (France)



Wednesday  
31 May

09:00 – 12:00

Outcomes And Expectations

Speaker: Bonnin, Michel (France)

Complications

Speaker: Seil, Romain (Luxembourg)

When Am I Going For A UNI

Speaker: Becker, Roland (Germany)

Discussion

Degenerative Meniscus Lesions - The 2016 ESSKA Meniscus Consensus

Introduction

Speaker: Beaufils, Philippe (France)

Background

Speaker: Beaufils, Philippe (France)

Management: Imaging

Speaker: Ollivier, Matthieu (France)

Management: Treatment

Speaker: Kopf, Sebastian (Germany)

The Algorithm

Speaker: Verdonk, René (Belgium)

Conclusion

Speaker: Becker, Roland (Germany)

Discussion

## EUROSPINE – The Spine Society of Europe



### Orthopaedics / Spine

SPECIALTY &  
PARTNER  
SOCIETIES

SOMETHING FOR EVERYONE. CASE-BASED DISCUSSION

Room Nice

09.00-12.00

My Child Has Some Hairs At His Back

Speaker: Berk, Haluk (Turkey)

Passing An Orthopaedic Exit Exam – Scoliosis

Speaker: Ogon, Michael (Austria)

Break

Passing An Orthopaedic Exit Exam – Traumatic Cervical Spine Injury

Speaker: Schultz, Matty (Germany)

Sex And The Spine

Speaker: Sell, Philip (United Kingdom)

Tingling Fingers

Speaker: Blattert, Thomas (Germany)

Elderly Spine

Speaker: Krepler, Petra (Austria)

Discussion

09:00 – 12:00

General Topics / Education

**EASY EVIDENCE UPDATES**    **EASY EVIDENCE UPDATES OF THE LOWER LIMB**    **Room Copenhagen**  
 09.00–12.00    Moderator: Bégué, Thierry (France)

Introduction  
 Speaker: Bégué, Thierry (France)

Lower Limb: The Basics

Tribology  
 Speaker: Knahr, Karl (Austria)

Intra-Capsular Fractures  
 Speaker: Rogmark, Cecilia (Sweden)

Hip Necrosis  
 Speaker: Petek, Daniel (Switzerland)

Summary & Conclusions

Clinical Cases 1 & 2  
 Speaker: Knahr, Karl (Austria)

Clinical Cases 3 & 4  
 Speaker: Rogmark, Cecilia (Sweden)

Clinical Case 5 & 6  
 Speaker: Petek, Daniel (Switzerland)

Lower Limb: An Update

Tribology: New Implants  
 Speaker: Knahr, Karl (Austria)

Intra-Capsular Fractures: New Concepts  
 Speaker: Rogmark, Cecilia (Sweden)

Hip Necrosis: New Procedures  
 Speaker: Petek, Daniel (Switzerland)

Best Evidence Review

Femoroacetabular Impingement  
 Speaker: Overgaard, Søren (Denmark)

Discussion  
 Speaker: Bégué, Thierry (France)

11:00 – 12:00

Orthopaedics / Pelvis, Hip & Femur

**FREE PAPER**    **METAL-ON-METAL BEARING IN TOTAL HIP ARTHROPLASTY**    **Room Lisbon**  
 11.00–12.00    Moderators: Wilton, Tim (United Kingdom), Varnum, Claus (Denmark)

Risk Factors For Failure Of The Pinnacle Metal-On-Metal Total Hip Replacement: A Retrospective Single Centre Cohort Study  
 Authors: Matharu, Gulraj / Nandra, Rajpal / Berryman, Fiona / Judge, Andrew / Pynsent, Paul / Dunlop, David  
 Speaker: Matharu, Gulraj (United Kingdom)

Predictors And Patterns Of Elevated Blood Metal Ions Levels After Metal-On-Metal Total Hip Arthroplasty  
 Authors: Gonzalez, Amanda / Dupuis Lozeron, Elise / Barea, Christophe / Peter, Robin / Christofilopoulos, Panayiotis / Hoffmeyer, Pierre / Hannouche, Didier / Lübbecke Wolff, Anne  
 Speaker: Gonzalez, Amanda (Switzerland)

11:00 – 12:00

Birmingham Hip Resurfacing: Who Is At Risk Of Revision?

Authors: Lim, Jun Wei / Ridley, David / Johnston, Linda / Singer, Brian / Clift, Benedict

Speaker: Lim, Jun Wei (United Kingdom)

Evaluation Of Metal Ion Levels And Symptomaticity As Indicators Of Adverse Local Tissue Reactions In ASR Hip Implants

Authors: Galea, Vincent / Laaksonen, Inari / Matuszak, Sean / Connelly, James / Madanat, Rami / Nortje, Marc / Muratoglu, Orhun / Malchau, Henrik

Speaker: Galea, Vincent (United States)

Discussion

A 15-Years Comparison Of Hybrid Hip Replacement And Birmingham Hip Resurfacing In Active Young Patients

Authors: Jonas, Sam / Bick, Simon / Whitehouse, Michael / Bannister, Gordon / Baker, Richard

Speaker: Baker, Richard (United Kingdom)

BMC And Neck Narrowing After Resurfacing Hip Replacement With The ASR Implant

Authors: Pham, That Minh / Overgaard, Søren

Speaker: Pham, That Minh (Denmark)

Which Factors Affect The Longitudinal Changes In Metal Ion Levels In Patients With Metal-On-Metal Hip Replacements?

Authors: Reito, Alekski / Lainiala, Olli / Elo, Petra / Eskelinen, Antti

Speaker: Reito, Alekski (Finland)

Does Implant Brand, Gender And Femoral Diameter Affect The Risk For ARMD With Different Metal-On-Metal Hip Replacements?

Authors: Reito, Alekski / Lainiala, Olli / Eskelinen, Antti

Speaker: Reito, Alekski (Finland)

Discussion

Orthopaedics / Foot & Ankle

INSTRUCTIONAL

CAVUS FOOT

Room Munich

LECTURE

Moderator: Tourné, Yves (France)

11.00-12.00

Lecturer: Maynou, Carlos (France)

Trauma / Foot & Ankle Trauma

CLINICAL CASES

CLINICAL CASES - FOOT & ANKLE TRAUMA

Room Barcelona

11.00-12.00

Moderators: Besse, Jean-Luc (France), Sakellariou, Anthony (United Kingdom)

Arthroscopic Treatment Of A Tillaux-Chaput Fracture

Authors: Moura, João / Oliveira, Marco / Couto, Roberto / Gomes, Maribel / Maia, Luís / Moreira, António

Speaker: Moura, João (Portugal)

Amputation Following Internal Fixation Of An Ankle Fracture Via The Posterolateral Approach

Authors: Sandelin, Henrik / Ovaska, Mikko / Tukiainen, Erkki

Speaker: Sandelin, Henrik (Finland)

Management Of Lisfranc Fracture-Dislocation With Significant Soft-Tissue Injury With Ilizarov Circular Fixation

Authors: Alexiadis, George / Kyriakopoulos, Christos / Kardatos, Antonios / Fotoniatas, Ioannis

Speaker: Alexiadis, George (Greece)

Subtalar Dislocation – A Rare Condition

Authors: Fonseca Mafra, Ines Sofia / Geada, Nuno / Silva, Fernando / Pimenta, Jorge / Barroso, Rogério / Franco, José

Speaker: Fonseca Mafra, Ines Sofia (Portugal)

Fracture Of Neck Of Talus – A Case Report

Authors: Popovska, Danica / Shishkov, Zoran / Cenov, Sasho / Iliev, Metodi / Kirov, Aleksandar

Speaker: Popovska, Danica (Former Yugoslav Republic Of Macedonia)

Tarsal Navicular Fracture In A Parkour Practitioner – A Rare Injury In A Trendy Urban Sport  
 Authors: Karmali, Samir / Barros, André / Rosa, Bárbara / Campos, Pedro / Sá Da Costa, Daniel / Almeida, João  
 Speaker: Karmali, Samir (Portugal)

## ESTES – European Society for Trauma and Emergency Surgery



### Trauma / Shoulder & Upper Arm Trauma

<b>SPECIALTY &amp; PARTNER SOCIETIES</b>	<b>PROXIMAL HUMERUS FRACTURES IN THE ELDERLY</b>	<b>Room Brussels</b>
<b>11.00–12.00</b>	Moderators: Wendt, Klaus (Netherlands, The), Senekovic, Vladimir (Slovenia)	

Conservative Treatment  
 Speaker: Krettek, Christian (Germany)

Plate Osteosyntheses  
 Speaker: Wendt, Klaus (Netherlands, The)

Intramedullary Nail  
 Speaker: Nijs, Stefaan (Belgium)

Prosthesis  
 Speaker: Senekovic, Vladimir (Slovenia)

### Orthopaedics / Paediatric Orthopaedics

<b>EVIDENCE BASED MEDICINE SESSION</b>	<b>RESULTS OF EARLY AND DELAYED TREATMENT PROTOCOLS FOR CLOSED REDUCTION OF DDH</b>	<b>Room Helsinki</b>
<b>11.00–12.00</b>	Moderator: Eastwood, Deborah (United Kingdom)	

Introductory Questions - Voting  
 Speaker: Wirth, Thomas (Germany)

The Early Bird  
 Speaker: Wirth, Thomas (Germany)

Delayed Treatment - Reduced Complications  
 Speaker: Eastwood, Deborah (United Kingdom)

Discussion

## EWAS – European Wrist Arthroscopy Society



### Orthopaedics / Wrist & Hand

<b>SPECIALTY &amp; PARTNER SOCIETIES</b>	<b>ALL AROUND THE SCAPHOID: EWAS SYMPOSIUM</b>	<b>Room Florence</b>
<b>11.00–12.00</b>	Moderators: Schmelzer-Schmied, Nicole (Switzerland), Herzberg, Guillaume (France)	

Perilunate Injuries Non-Dislocated Plind  
 Speaker: Herzberg, Guillaume (France)

Scaphoid Fractures  
 Speaker: Kebrle, Radek (Czech Republic)

Discussion

11:00 – 12:00

Scaphoid Non-Union Open Technique  
Speaker: Leixnering, Martin (Austria)

Scaphoid Non-Union Vascularised Grafts  
Speaker: Gabl, Markus (Austria)

Scaphoid Fractures And Non-Union Arthroscopic Technique  
Speaker: Haugstvedt, Jan-Ragnar (Norway)

Discussion

### Orthopaedics / Shoulder & Upper Arm

**FREE PAPER** **INSTABILITY & MISCELLANEOUS** **Room Geneva**  
**11.00-12.00** **Moderators: Emery, Roger (United Kingdom), Limb, David (United Kingdom)**

Effects Of Humeral Shortening On The Three-Dimensional Configuration Of The Brachial Plexus  
Authors: Valcarenghi, Jérôme / Mougondo, Fabian / Feipel, Véronique / Schuind, Frédéric  
Speaker: Valcarenghi, Jérôme (Belgium)

Does Cortical Activation Hold The Key To Shoulder Instability?  
Authors: Howard, Anthony / Powell, Joanne / Gibson, Jo / Hawkes, David / Alzadehkhayat, Omid / Kemp, Graham  
Speaker: Howard, Anthony (United Kingdom)

Clinical Apprehension Test Vs. Magnetic Resonance Imaging (MRI) In Assessment Of Anterior Shoulder Instability  
Authors: Poh, Keng Soon  
Speaker: Poh, Keng Soon (Singapore)

Effect Of Hot Application On Shoulder Proprioception  
Authors: Unal, Meric / Dilek, Banu / Akseki, Devrim / Gulbahar, Selmin / Akalin, Elif / Pinar, Halit  
Speaker: Unal, Meric (Turkey)

Discussion

Glenoid Track Evaluation: Is CT Scan As Reliable As Arthroscopy In Predicting Engagement?  
Authors: Ali, Enjie / Azab, Mostafa  
Speaker: Ali, Enjie (Saudi Arabia)

Arthroscopic Subscapularis Augmentation Of Bankart Repair In Chronic Anterior Shoulder Instability With Bone Loss: Clinical Multi-Centre Study  
Authors: Maiotti, Marco / Russo, Raffaele / Rao, Cecilia / Zanini, Antonio / Schröter, Steffen / Massoni, Carlo  
Speaker: Maiotti, Marco (Italy)

Arthroscopic Implant-Free Bone Grafting For Shoulder Instability With Glenoid Bone Loss  
Authors: Pauzenberger, Leo / Heuberger, Philipp / Laky, Brenda / Anderl, Werner  
Speaker: Pauzenberger, Leo (Austria)

Tracking Shoulder Activity During Daily Living To Objectify Diagnosis And Outcome Assessment  
Authors: Wetzels, Iris / Lipperts, Matthijs / Walbeehm, Ralph / Samijo, Steven / Grimm, Bernd  
Speaker: Grimm, Bernd (Netherlands, The)

Discussion

### Trauma / Elbow & Forearm Trauma

**CLINICAL CASES** **CLINICAL CASES – ELBOW & FOREARM TRAUMA** **Room Berlin**  
**11.00-12.00** **Moderators: Maroudias, Nicolaos (Cyprus), Farron, Alain (Switzerland)**

Elbow Arthroplasty – Surgical Option In Type IIIB Open Elbow Fracture  
Authors: Arpad, Solyom / Nagy, Ors / Bataga, Tiberiu  
Speaker: Arpad, Solyom (Romania)

Capitellum Shear Fractures  
Authors: Alpoim Silva Gomes, Francisco / Peixoto, Daniel Augusto / Angelo, Susana / Roseiro, Tiago / Vale, Claudia / Mendes, Antonio / Oliveira, Vasco / Carvalhais, Pedro / Corte Real, João  
Speaker: Alpoim Silva Gomes, Francisco (Portugal)

11:00 – 12:00

The "Terrible Triad" Of The Forearm: Triple Injury Including Trans-Scaphoid Perilunate Dislocation, Forearm Fractures And Elbow Dislocation

Authors: Chiang, Yaganeh / Hassan, Syed / Iossifidis, Anestis  
Speaker: Chiang, Yaganeh (United Kingdom)

Distal Triceps Tendon Avulsion. A Rare Case Report

Authors: Leon Andrino, Alejandro / Garcia-Medrano, Belen / Beltrán De Heredia, Pablo / Moreno, Fernando / Palencia, Jesus / Martin, Miguel Angel  
Speaker: Leon Andrino, Alejandro (Spain)

Tendon Transposition Due To Radial Injury In Fracture-Dislocation Of The Elbow

Authors: Vieira Da Silva, Miguel / Pereira, Joana / Silva, Marcos / Afonso, João / Lopes, Daniel / Sousa, Carlos  
Speaker: Vieira Da Silva, Miguel (Portugal)

Our Conception To Avoid Complications After Aggressive Rehabilitation Used To 10-Years-Old Girl With Monteggia IV Surgically Treated

Authors: Nikolova, Ana / Hristova, Deyana  
Speaker: Nikolova, Ana (Bulgaria)

### Orthopaedics / Knee & Lower Leg

FREE PAPER

ASSISTED SURGICAL TECHNIQUES AND RESULTS IN TKA

Room Istanbul

11.00-12.00

Moderators: Hofmann, Siegfried (Austria), Saweeres, Emad Samuel Boles (Egypt)

Low Pre-Operative Bone Quality Is Related To High Migration Of Tibia Components In Uncemented TKA – 92 Patients In A Combined DEXA- And RSA-Study With 2-Years Follow-Up

Authors: Andersen, Mikkel Rathsach / Winther, Nikolaj / Schröder, Henrik Morville / Lind, Thomas / Flivik, Gunnar / Petersen, Michael Mørk  
Speaker: Andersen, Mikkel Rathsach (Denmark)

Structural Autogenic Graft To Manage Medial Tibial Bone Defect During Primary Total Knee

Authors: Ahmed, Moheib / Abdel Khalek, Mostafa / Abd Elghafar, Mahmoud / Mawla, Tamer Abdel  
Speaker: Ahmed, Moheib (Egypt)

What Is The Role Of Cementing On Survival Of A Total Knee Arthroplasty? A Double-Blinded Randomised RSA Trial

Authors: Van Ooij, Bas / Van Der Vis, Harm / Hoornenborg, Daniel / Siervelt, Inger / Cheung, John / Beimers, Lijkele / Haverkamp, Daniel  
Speaker: Van Ooij, Bas (Netherlands, The)

The Algorithm To Close The Extension Gap For TKA With Recurvatum Deformity: How Much Overstuff Is Needed?

Authors: Tammachote, Nattapol / Ruetiwarangkoon, Chaivet / Kanitnate, Supakit  
Speaker: Tammachote, Nattapol (Thailand)

Discussion

Comparative Study Of Computer-Assisted Total Knee Arthroplasty After Opening Wedge Osteotomy Vs. After Unicompartamental Arthroplasty

Authors: Saragaglia, Dominique / Pailhé, Régis / Cognault, Jérémy / Massfelder, Julie  
Speaker: Saragaglia, Dominique (France)

Invasive Or Non-Invasive Navigated Assessment Of The Lower Limb Axes

Authors: Dillmann, Gauthier / Jenny, Jean-Yves  
Speaker: Dillmann, Gauthier (France)

Pinless Navigation In Total Knee Arthroplasty: A Double-Blinded, Randomised Controlled Trial

Authors: Chen, Jerry Yongqiang / Zhu, Meng / Chong, Hwei Chi / Pang, Hee Nee / Tay, Darren / Chia, Shi-Lu / Lo, Ngai Nung / Yeo, Seng Jin  
Speaker: Chen, Jerry Yongqiang (Singapore)

No Benefit Of Computer-Assisted TKA: 10-Years Results Of A Prospective Randomised Study

Authors: Ollivier, Matthieu / Parratte, Sébastien / Flecher, Xavier / Argenson, Jean-Noël  
Speaker: Ollivier, Matthieu (France)

Discussion

Wednesday  
31 May

11:00 – 12:00

Orthopaedics / Pelvis, Hip & Femur

INSTRUCTIONAL LECTURE

SPORTS ACTIVITIES AFTER THA

Room Paris

11.00-12.00

Moderator: Siebert, Werner (Germany)

Lecturer: Krismer, Martin (Austria)

General Topics / Quality Management

FREE PAPER

QUALITY IMPROVEMENT

Room London

11.00-12.00

Moderators: Aro, Hannu (Finland), Papadakis, Stamatios (Greece)

Implementation Of Value-Based Healthcare In Treatment Of Elective Total Hip Arthroplasty

Authors: Malchau, Erik / Rolfson, Ola / Grant, Peter / Welander, Adina / Karlsson, Magnus / Mohaddes, Maziar  
Speaker: Malchau, Erik (Sweden)

Adopting A Standardised And More Meaningful Method Of Reporting Adverse Events For Elective Orthopaedic Surgery Based On The NCC MERP Index Methodology

Authors: Tomek, Ivan M.  
Speaker: Tomek, Ivan M. (United States)

Trends In Length Of Stay For Major Orthopaedic Procedures. An Analysis Of Administrative Data From 34 Hospitals In 8 Countries

Authors: Rasmussen, Sten / Chan, Georgia / J. Marang-Van De Mheen, Perla / Gordon, Andrew / Talsnes, Ove  
Speaker: Rasmussen, Sten (Denmark)

Factors Related With The Failure Of A Fast-Track Program For TKA

Authors: Dellonder Frigolé, Josep / Rodriguez Monserrat, David / Aliaga Orduña, Francisco / Granero Xiberta, Xavier / Martinez Pastor, Juan Carlos / Hernández Hermoso, José Antonio  
Speaker: Dellonder Frigolé, Josep (Spain)

Discussion

Quality Of Referral Letters From The General Practitioners To The Spinal Surgery Service: A Problem Of Communication

Authors: Mohammed, Riazuddin / Al-Obaedi, Ossama / Alo, Gabriel  
Speaker: Al-Obaedi, Ossama (United Kingdom)

Patient Attitudes In Use Of Online Health-Related Information

Authors: Pulatkan, Anil / Yildiz, Fatih / Ceylan, Merve Ceren / Kucukdurmaz, Fatih  
Speaker: Kucukdurmaz, Fatih (Turkey)

Quality Reporting – Pioneering Standards For Outcomes In Joint Replacement

Authors: Guggi, Thomas / Rienmüller, Anna  
Speaker: Guggi, Thomas (Switzerland)

Patients' Experiences With Day Surgery Pathways In Connection To A Herniated Disc Or Spinalstenosis Operation. An Interview Survey

Authors: Gryet, Inger Markussen / Rasmussen, Bodil Tornbjerg  
Speaker: Gryet, Inger Markussen (Denmark)

Discussion

12:15 – 13:00

General Topics / Education

OPENING SESSION

EFORT OPENING SESSION

Room Vienna

12.15-13.00

Moderator: Verhaar, Jan (Netherlands, The)

Come and participate to the Opening Session with us!

14:45 – 15:45

Orthopaedics / Pelvis, Hip & Femur

FREE PAPER BEARING SYSTEM IN THA Room Vienna

14.45–15.45 Moderators: Overgaard, Søren (Denmark), Epinette, Jean (France)

Linear Wear Of UHMWPE-Liners And Incidence Of Osteolysis Differ Significantly, If Different Constructed Sockets Are Used In THA – A Retrospective Long-Term Study Of 45 Cases

Authors: Prietzel, Torsten / Dubitzki, Sören / Zajonz, Dirk / Sommer, Gerald / Schleifenbaum, Stefan / Möbius, Robert / Hammer, Niels / Grunert, Ronny

Speaker: Prietzel, Torsten (Germany)

Ceramic-On-Ceramic Total Hip Replacement In Young And Very Young Patients. A 5- To 17-Years Comparative Follow-Up Study

Authors: Garcia-Rey, Eduardo / Garcia-Cimbrello, Eduardo

Speaker: Garcia-Rey, Eduardo (Spain)

Long-Term Results Of Cementless THA With Zirconia Head Vs. Highly Cross-Linked Polyethylene

Authors: Naito, Yohei / Hasegawa, Masahiro / Yamaguchi, Toshio / Wakabayashi, Hiroki / Sudo, Akihiro

Speaker: Naito, Yohei (Japan)

Minimum 10-Years Multi-Centre Evaluation Of Total Hip Arthroplasty With Highly Cross-Linked Polyethylene Liners And Large Diameter Femoral Heads

Authors: Bragdon, Charles / Barr, Christopher / Skovgaard, Christian / Berry, Daniel / Della Valle, Craig / Garvin, Kevin / Johanson, Per-Erik / Clohisy, John

Speaker: Bragdon, Charles (United States)

Discussion

Comparison Of Wear Rate And Osteolysis Between Second-Generation Annealed And First-Generation Remelted Highly Cross-Linked Polyethylene In Total Hip Arthroplasty

Authors: Takada, Ryohei / Jinno, Tetsuya / Miyatake, Kazumasa / Muneta, Takeshi / Okawa, Atsushi

Speaker: Takada, Ryohei (Japan)

Uncemented Total Hip Replacement Using Ceramic-On-Ceramic Bearing (BIOLOX® Delta). A 469 Patients Cross-Sectional Multicentric Retrospective Study With More Than 4-Years Follow-Up. Results, Complications, And Squeaking Study

Authors: Rollier, Jean-Charles / Jacquot, Laurent / Fessy, Michel Henry / Chatelet, Jean-Christophe

Speaker: Rollier, Jean-Charles (France)

Up To 10-Years Follow-Up Of 870 THR With Ceramic-On-Ceramic Bearing: A Retrospective Single Centre Study

Authors: Maurer-Ertl, Werner / Friesenbichler, Jörg / Maier, Michael / Bratschitsch, Gerhard / Holzer, Lukas / Leithner, Andreas

Speaker: Maurer-Ertl, Werner (Austria)

Minimum 13-Years Multi-Centre Evaluation Of Total Hip Arthroplasty With Highly Cross-Linked Polyethylene Liners And Standard Diameter Femoral Heads

Authors: Bragdon, Charles / Barr, Christopher / Skovgaard, Christian / Berry, Daniel / Della Valle, Craig / Garvin, Kevin / Clohisy, John / Kaneuji, Ayumi

Speaker: Bragdon, Charles (United States)

Discussion

Orthopaedics / Pelvis, Hip & Femur

INSTRUCTIONAL FAST TRACK IN HIP ARTHROPLASTY Room Lisbon

LECTURE Moderator: Kjaersgaard-Andersen, Per (Denmark)

14.45–15.45

Lecturer: Hansen, Torben Baek (Denmark)



14:45 – 15:45

**Trauma / Hip & Femur Trauma**

<b>FREE PAPER</b>	<b>CONSERVATIVE TREATMENT AND MISCELLANEOUS</b>	<b>Room Barcelona</b>
<b>14.45–15.45</b>	<b>Moderators: Viberg, Bjarke (Denmark), Ruano, António Afonso (Portugal)</b>	
	Validation Of Activity Tracking Devices In Elderly Patients After Operative Treatment Of Proximal Femur Fractures Authors: Schmal, Hagen / Holsgaard-Larsen, Anders / Izadpanah, Kaywan / Fladmose Madsen, Carsten / Lauritsen, Jens Speaker: Schmal, Hagen (Denmark)	
	Delayed Discharge Amongst Medically Fit Patients With Fractured Neck Of Femur In A Central London Hospital Authors: Wannop, Kate / Magill, Henry / Ikram, Adeel / Roche, Andy Speaker: Wannop, Kate (United Kingdom)	
	The Use Of Hip Precautions Following Hip Hemiarthroplasty Authors: Jones, Mark David / Buckle, Christopher / Kurar, Langhit / Slater, Guy Speaker: Jones, Mark David (United Kingdom)	
	The Contribution Of An Adjunct Abductors Exercise Program To The Post-Operative Functional Level Of Femoral Neck – Fractured Patients Authors: Stasi, Sofia / Papathanasiou, George / Papaioannou, Nikolaos / Chronopoulos, Efstathios Speaker: Chronopoulos, Efstathios (Greece)	
	Discussion	
	Evaluation Of The Surgical Delay In The Patient With Intraarticular Hip Fracture Authors: Alonso Garcia, Diego / Ramos Pascua, Luis / Roces Fernández, Aroa / Gallego Díaz, Leticia Speaker: Alonso Garcia, Diego (Spain)	
	Pre-Operative Transthoracic Echocardiography: Does It Delay Intertrochanteric Femur Fracture Surgery? Authors: Kocaoglu, Hakan / Kalem, Mahmut / Sahin, Ercan / Kocaoglu, Merve Hayriye / Basarir, Kerem / Kinik, Hakan Speaker: Kocaoglu, Hakan (Turkey)	
	Are The Care Quality Variables Used In The Scottish Standards Of Care For Hip Fracture Predictive Of Favourable Outcomes? Evidence From The Scottish National Hip Fracture Audit (2012–2014) Authors: Farrow, Luke / Hall, Andrew / Wood, Adrian / Smith, Rik / Campbell, Jane / James, Kate / Holt, Graeme / Hutchison, James / Myint, Phyo Speaker: Farrow, Luke (United Kingdom)	
	Scottish Standards Of Care For Hip Fracture Patients: Do The National Management Guidelines Affect Outcome? Authors: Hall, Andrew / Farrow, Luke / Wood, Adrian / Smith, Rik / Campbell, Jane / James, Kate / Holt, Graeme / Hutchison, James / Myint, Phyo Speaker: Hall, Andrew (United Kingdom)	
	Discussion	

**Trauma / Knee & Lower Leg Trauma**

<b>INSTRUCTIONAL LECTURE</b>	<b>PARTIAL PROXIMAL TIBIA FRACTURES</b>	<b>Room Brussels</b>
<b>14.45–15.45</b>	<b>Moderator: Candrian, Christian (Switzerland)</b>	

Lecturer: Raschke, Michael (Germany)

**Orthopaedics / Knee & Lower Leg**

<b>INSTRUCTIONAL LECTURE</b>	<b>OPTIMISING, BALANCING AND POSITIONING IN TKA</b>	<b>Room Madrid</b>
<b>14.45–15.45</b>	<b>Moderator: Verhaar, Jan (Netherlands, The)</b>	

Lecturer: Victor, Jan (Belgium)

14:45 – 15:45

Orthopaedics / Wrist & Hand

FREE PAPER SOFT-TISSUE DISORDERS OF THE HAND – WHAT IS NEW? Room Florence

14.45–15.45 Moderators: Baur, Eva (Germany), Bumbasirevic, Marko (Serbia)

Posterior Border Distance: A New Diagnostic Measurement For Carpal Tunnel Syndrome Using Ultrasonography  
Authors: Meriç, Gökhan / Basdelioglu, Koray / Yanik, Bahar / Sargin, Serdar / Ulusal, Ali Engin  
Speaker: Meriç, Gökhan (Turkey)

Effects Of Metabolic Syndrome On The Functional Outcomes Of Corticosteroid Injection For De Quervain Tenosynovitis  
Authors: Roh, Young Hak / Koh, Young Do / Kim, Jong Oh  
Speaker: Roh, Young Hak (South Korea)

Our Experience With Collagenase Clostridium Histolyticum. Prospective Study Of 100 Cases  
Authors: Fernández Alvarez, Mónica / Alonso Viana, Laura / De La Red Gallego, Maria De Los Angeles / Sanz Giménez-Rico, Juan Ramon / Ayala Gutiérrez, Higinio / Del Canto Álvarez, Fernando Javier / Couceiro Otero, Jose / Sanchez Crespo, Manuel  
Speaker: Fernández Alvarez, Mónica (Spain)

Abductor Digiti Minimi Muscle Flap For Coverage Of The Median Nerve In Recurrent Carpal Tunnel Syndrome  
Authors: Ahmed, Moheib / Younis, Reda Abdala / Ismail, Hosam Elfin / Nabeeh, Mostfa Mohammad  
Speaker: Ahmed, Moheib (Egypt)

Discussion

Comparison Of Success Rates Of Conservative Treatment Of Common Hand Conditions With Ultrasound-Guided Steroid Injection  
Authors: Peehal, Jeetender / Sohail, Mohamed / Redla, Sridhar / Wimsey, Simon  
Speaker: Peehal, Jeetender (United Kingdom)

Ultrasound-Guided Trigger Finger Release: A Safer Surgical Procedure (50 Cases)?  
Authors: Croutzet, Pierre  
Speaker: Croutzet, Pierre (France)

Prevalence And Incidence Of Doctor-Diagnosed Dupuytren's Disease: A Population-Based Study  
Authors: Nordenskjöld, Jesper / Englund, Martin / Zhou, Caddie / Atroschi, Isam  
Speaker: Nordenskjöld, Jesper (Sweden)

Clinical Outcome Following Corticosteroid Injection For Trigger Finger And Its Predictors Of Success  
Authors: Lobo, João / Vital, Luisa / Pereira, Pedro / Negrão, Pedro / Matos, Rui / Vidinha, Vitor  
Speaker: Lobo, João (Portugal)

Discussion

Trauma / Spine Trauma

FREE PAPER SPINE TRAUMA Room Nice

14.45–15.45 Moderators: Aydingöz, Önder (Turkey), Cáceres Palou, Enric (Spain)

Surgical Treatment Of A3-Type Thoracolumbar Fractures Without Neurologic Deficits Using Percutaneous Screw Fixation And Balloon Kyphoplasty: Retrospective Review Of A Prospective Case Series  
Authors: Massari, Leo / Lorusso, Vincenzo / Padovani, Sara / Gerace, Emanuele  
Speaker: Massari, Leo (Italy)

Early Vs. Delayed Kyphoplasty For Acute Vertebral Fractures: A Prospective Study  
Authors: Trieb, Klemens  
Speaker: Trieb, Klemens (Austria)

Long-Segment Fixation Short-Fusion Surgery For Unstable Thoracolumbar Spine Injuries  
Authors: Abdel Mawla, Tamer / Abdel Khalek, Mostafa / Abdel Aziz, Mohammed / Ahmed, Moheib  
Speaker: Abdel Mawla, Tamer (Egypt)

Radiation Dose In Open Vs. Minimally Invasive Pedicle Screw Fixations  
Authors: Moriarty, Peter / Shafqat, Aseer / Kearney, David / Mcdonald, Ciaran / Jadaan, Mutaz / McCabe, John / Devitt, Aidan  
Speaker: Moriarty, Peter (Ireland)

Discussion

14:45 – 15:45

Odontoid Type II Fractures In The Elderly – Complications And Mortality

Authors: Sheikh, Hassaan Qaiser / Doshi, Arpan / Breakwell, Lee / Chiverton, Neil / Cole, Ashley / Athanassacopoulos, Michael / Michael, Antony Louis Rex  
Speaker: Sheikh, Hassaan Qaiser (United Kingdom)

The New AOSpine Subaxial Cervical Spine Injury Classification System – A Validation Study In A UK Major Trauma Centre

Authors: Fong, Angus / Jones, Morgan / Petrie, Mike / Stedman, Tobias / Athanassacopoulos, Michael / Chiverton, Neil / Cole, Ashley / Ivanov, Marcel / Michael, Antony Louis Rex / Tomlinson, James  
Speaker: Fong, Angus (United Kingdom)

Vertebral Artery Dissection In Cervical Fractures

Authors: Cibrão-Coutinho, Paulo / Pereira, Elso / Vieira Da Silva, Manuel  
Speaker: Cibrão-Coutinho, Paulo (Portugal)

SLIC: Slick Enough For Use In A UK Trauma Centre?

Authors: Petrie, Mike / Jones, Morgan / Fong, Angus / Stedman, Tobias / Athanassacopoulos, Michael / Cole, Ashley / Chiverton, Neil / Ivanov, Marcel / Michael, Antony Louis Rex / Tomlinson, James  
Speaker: Petrie, Mike (United Kingdom)

Discussion

Orthopaedics / Knee & Lower Leg

FREE PAPER

PATIENT FACTORS IN TKA OUTCOMES

Room Geneva

14.45–15.45

Moderators: Perka, Carsten (Germany), Jensen, Claus Munk (Denmark)

A New Prediction Model For Patient Satisfaction After TKA

Authors: Van Onsem, Stefaan / Van Der Straeten, Catherine / Victor, Jan  
Speaker: Van Onsem, Stefaan (Belgium)

Joint Awareness – Patient Reported Outcome Measures After Total Knee Replacement

Authors: Holm, Henriette Appel / Enkeboelle Rasmussen, Lasse / Wagner Kristensen, Per  
Speaker: Holm, Henriette Appel (Denmark)

Alterations In Ankle Joint Line Orientation After Total Knee Arthroplasty

Authors: Sözbilen, Murat Celal / Kaya Bicer, Elcil / Aydogdu, Semih / Sur, Hakkı  
Speaker: Sur, Hakkı (Turkey)

What Is A Good Outcome? And What Proportion Of TKR Patients Experience One?

Authors: Gao, Anqi / Beard, David / Price, Andrew  
Speaker: Gao, Anqi (United Kingdom)

Discussion

Change In Body Mass Index After Simultaneous Bilateral Total Knee Arthroplasty: Risk Factors And Its Influence On Outcome

Authors: Goh, Graham / Liow, Lincoln / Chong, Hwei Chi / Pang, Hee Nee / Tay, Darren / Chia, Shi-Lu / Lo, Ngai Nung / Yeo, Seng Jin  
Speaker: Goh, Graham (Singapore)

Pre-Operative Characteristics Of Younger Patients Undergoing Total Knee Arthroplasty

Authors: Hylkema, Tjerk / Stevens, Martin / Van Beveren, Jan / Rijk, Paul / Van Jonbergen, Hans-Peter / Brouwer, Reinoud / Bulstra, Sjoerd / Brouwer, Sandra  
Speaker: Hylkema, Tjerk (Netherlands, The)

Patient-Focused Technology-Enabled Programs Improve Experience In Primary Total Hip (THR) And Knee Replacement (TKR) Surgery

Authors: Higgins, Mark / Jayakumar, Prakash / Dekker, Andrew / Westbrook, Anthony  
Speaker: Higgins, Mark (United Kingdom)

Relationships Between Simulated Kinematics And Patient-Reported Return To Daily Activities

Authors: Twiggs, Joshua / Bogue, Emily / Dickison, David / Fritsch, Brett / Roe, Justin / Liu, David  
Speaker: Liu, David (Australia)

Discussion

14:45 – 15:45

**Trauma / Shoulder & Upper Arm Trauma**

**INSTRUCTIONAL LECTURE** **HOW TO DEAL WITH A GLENOID FRACTURE?** Room Berlin  
**14.45-15.45** Moderator: Cartucho, Antonio (Portugal)

Lecturer: Frich, Lars Henrik (Denmark)

**Orthopaedics / Knee & Lower Leg**

**FREE PAPER** **CHALLENGES IN HIGH TIBIAL OSTEOTOMIES** Room Istanbul  
**14.45-15.45** Moderators: Hernigou, Philippe (France), Baldini, Andrea (Italy)

High Tibial Osteotomy In The Treatment Of Knee Osteoarthritis In Young Working Adults  
 Authors: Kocalkowski, Cezary / Dodds, Alexander / Gosal, Harminder  
 Speaker: Kocalkowski, Cezary (United Kingdom)

Correction Of Tibiofemoral Subluxation After High Tibial Osteotomy: Prospective Comparative Study Of Lateral Closing Vs. Medial Opening Wedge Osteotomy  
 Authors: Lee, Myung Chul / Han, Hyuk-Soo / Kwak, Yoon-Ho / Park, Jung Hwan  
 Speaker: Lee, Myung Chul (South Korea)

Treatment Of Osteoarthritis (OA) By HTO: An Overview Osteoarthritis  
 Authors: Bari, Mofakkkharul  
 Speaker: Bari, Mofakkkharul (Bangladesh)

Estimation Of The Knee Joint Line Orientation Changes After High Tibial Osteotomy  
 Authors: Chang, Chong Bum / Kang, Seung-Baik / Chang, Moon Jong / Yoon, Chan / Shin, Jae-Hoon / Song, Min Kyu / Kim, Su Jin / Choi, Ja-Young  
 Speaker: Chang, Chong Bum (South Korea)

Discussion

Return To Work And Sports Activities After High Tibial Osteotomy  
 Authors: Faschingbauer, Martin / Nelitz, Manfred / Urlaub, Stefanie Doris / Reichel, Heiko / Dornacher, Daniel  
 Speaker: Faschingbauer, Martin (Germany)

From High Tibial Osteotomy To Total Knee Arthroplasty – Pain, Function And Quality Of Life  
 Authors: W-Dahl, Annette / Toksvig-Larsen, Sören / Robertsson, Gréтар Ottó  
 Speaker: W-Dahl, Annette (Sweden)

Patient's Subjective Satisfaction Following Biplanar Medial Opening-Wedge High Tibial Osteotomy  
 Authors: Han, Seung-Beom / Jang, Ki-Mo / Lee, Dong-Ki  
 Speaker: Jang, Ki-Mo (South Korea)

Leg Length Discrepancy After High Tibial Osteotomy: Prospective Comparative Study Of Lateral Closing Vs. Medial Opening Wedge Osteotomy  
 Authors: Lee, Myung Chul / Han, Hyuk-Soo / Kwak, Yoon-Ho / Park, Jung Hwan  
 Speaker: Lee, Myung Chul (South Korea)

Discussion

**Orthopaedics / Pelvis, Hip & Femur**

**CLINICAL CASES** **CLINICAL CASES – PELVIS, HIP & FEMUR 1** Room Paris  
**14.45-15.45** Moderators: Wirtz, Dieter Christian (Germany), Macheras, George (Greece)

Episodic Painful Hip In A Patient With Total Hip Arthroplasty – A Case Of Metal Allergy?  
 Authors: Gonçalves Geda, Nuno Ricardo / Protásio, João / Neves Pinto, José / Ferreira, Ricardo / Pinto, David / Coelho, Tiago / Esteves, João / Tapadinhas, Mário  
 Speaker: Gonçalves Geda, Nuno Ricardo (Portugal)

Meralgia Paresthetica – Lateral Femoral Cutaneous Nerve Section As Surgical Treatment  
 Authors: Carvalho, Alfredo Emanuel / Pon, Jorge / Esteves, Nuno / Pascoal, Diogo / Salgado, Eduardo / Oliveira, Nádía / Sousa, Albino  
 Speaker: Carvalho, Alfredo Emanuel (Portugal)

14:45 – 15:45

An Unusual Case Of Left Hip And Thigh Swelling: A Case Report

Authors: Sivaramalingam, Saravanan / Gerges, Sameh / O'Hara, Lawrence  
Speaker: Sivaramalingam, Saravanan (United Kingdom)

A Clinical Case Report Of Masquelet Technique

Authors: Kyriakopoulos, Georgios / Oikonomou, Leon / Vlachou, Maria / Kassos, Christos / Tsoumas, Christos / Manthas, Spyros / Paltatzidis, Lazaros / Manta, Aikaterini / Kotsarinis, Georgios / Kateros, Konstantinos  
Speaker: Kyriakopoulos, Georgios (Greece)

Metal Corpora Libera In Two Metal-On-Metal Total Hip Arthroplasty Cases

Authors: Özkurt, Bülent / Utkan, Ali / Gencer, Batuhan / Köse, Cem Cüneyt / Dündar, Abdulrahim  
Speaker: Özkurt, Bülent (Turkey)

Complex Primary Total Hip Arthroplasty After Failed Chiari Pelvic Osteotomy With Pelvic Discontinuity Due To Iliac Non-Union

Authors: Iwase, Toshiaki / Kouyama, Atsushi  
Speaker: Iwase, Toshiaki (Japan)

Trauma / Varia Trauma

FREE PAPER

VARIA TRAUMA

Room London

14.45-15.45

Moderators: Larsen, Morten Schultz (Denmark), Donell, Simon (United Kingdom)

Prospective Study Of Antibiotic Prophylaxis Protocols And Surgical Site Infection Rate In Northern Ireland Trauma Surgery

Authors: Warnock, Michael / Ogonda, Luke / Yew, Peter  
Speaker: Warnock, Michael (United Kingdom)

Clinical And Cost Effectiveness Of The Virtual Fracture Clinic In A District General Hospital: An Interrupted Time Series Analysis And Direct Before-And-After Comparison

Authors: Mckirdy, Annie / Imbuldeniya, Arjuna  
Speaker: Mckirdy, Annie (United Kingdom)

Bioresorbable Screw Osteosynthesis In A Growing Sheep Model

Authors: Eichler, Johannes / Holweg, Patrick / Berger, Leopold / Cihova, Martina / Grün, Nicole Gabriele / Donohue, Nicholas / Löffler, Jörg / Weinberg, Annelie-Martina  
Speaker: Holweg, Patrick (Austria)

Efficiency And Compliance With Low-Intensity Pulsed Ultrasound (LIPUS) In The Management Of Non-Unions

Authors: Lloyd, Thomas / Giotikas, Dimitrios / Norrish, Alan  
Speaker: Lloyd, Thomas (United Kingdom)

Discussion

The Use Of Taylor Spatial Frame For Tibia Post-Traumatic Deformity

Authors: Bersano, Andrea / Tsididakis, Haridimos / Grion, Luca / Biffi, Andrea / Guerreschi, Francesco / Poli, Piero  
Speaker: Bersano, Andrea (Italy)

Treatment Of Atrophic Non-Union Via Structural Autogenous Ilium Grafting Assisted By Vertical Fixation Of Double Plates: A Case Series Of 43 Patients

Authors: Sun, Liang / Zheng, Ting-Ting / Li, Zhong  
Speaker: Li, Zhong (China)

Improving Mechanical Stability Plays A Most Important Role In Treatment Of Non-Union: A Retrospective Study Of 138 Cases

Authors: Sun, Liang / Zheng, Ting-Ting / Li, Zhong  
Speaker: Sun, Liang (China)

Day Case Trauma Fractures Surgery In A Level 1 Regional Trauma Centre

Authors: Gordon, Robin / Pagoti, Ravi / Johnston, Andrew  
Speaker: Gordon, Robin (United Kingdom)

Discussion

14:45 – 17:15

General Topics / Education

**SYMPOSIUM**      **PREVENTION AND TREATMENT OF SPORTS INJURIES IN YOUNGER AGES**      Room Copenhagen

14.45-17.15      Moderator: Neyret, Philippe (France), Thorngren, Karl-Göran (Sweden)

Introduction

Speaker: Thorngren, Karl-Göran (Sweden)

Muscular, Tendon Avulsions

Speaker: Cerulli, Giuliano Giorgio (Italy)

Menisco Ligament Lesions Of The Knee

Speaker: Seil, Romain (Luxembourg)

Shoulder Injury

Speaker: Berhouet, Julien (France)

Ankle Injury

Speaker: Krips, Rover (Netherlands, The)

Climbing The Mountain: ACL Re-Injury Prevention In Younger Ages

Speaker: Boldrini, Lorenzo (Italy)

Discussion

14:45 – 18:30

EFAS – European Foot and Ankle Society



Orthopaedics / Foot & Ankle

**SPECIALTY & PARTNER SOCIETIES**      **HALLUX VALGUS SYMPOSIUM**      Room Munich

14.45-18.30      Moderators: Singh, Dishan (United Kingdom), Delmi, Marino (Switzerland)

Part 1 Hallux Valgus State Of Art

Clinical And Imaging Assesment: Decision Making

Speaker: Besse, Jean-Luc (France)

Distal Soft-Tissue Release: Why And How?

Speaker: Delmi, Marino (Switzerland)

First Ray Osteotomies Recommended

Speaker: Maestro, Michel (France)

MIS In Hallux Valgus Treatment: Techniques And Results

Speaker: Redfern, David (United Kingdom)

Lapidus Procedure For HV: How And When?

Speaker: Agren, Per-Henrik (Sweden)

When To Fuse?

Speaker: Moroney, Paul (Ireland)

Treatment Algorithm

Speaker: Magnan, Bruno (Italy)

Discussion

Part 2 Hallux Valgus Pitfalls And Complications

Hallux Valgus Treatment: Meta-Analysis Concerning Results And Overall Complications

Speaker: Devos Bevernage, Bernhard (Belgium)

Wednesday  
31 May

14:45 – 18:30

Hallux Varus: Presentations And Surgical Strategy  
Speaker: Tourné, Yves (France)

Recurrence Of Hallux Valgus: Etiologies And Surgical Strategy  
Speaker: Monteagudo, Manuel (Spain)

Latrogenic Transfert Metatarsalgia And Other Toes Disorders  
Speaker: Alvarez, Fernando (Spain)

M1 Osteotomies Failures (Non-Union, Stress Fracture, Displacement)  
Speaker: Vannini, Francesca (Italy)

Complications Of Mtp 1 Arthrodesis: Tips And Tricks  
Speaker: Trnka, Hans-Jörg (Austria)

Soft-Tissues Disorders (Skin, Blood Supply, Nerves, Infection...): Prevention And Treatment  
Speaker: Krause, Fabian (Switzerland)

Discussion

## EPOS – European Paediatric Orthopaedic Society



### Orthopaedics / Paediatric Orthopaedics

<b>SPECIALTY &amp; PARTNER SOCIETIES</b> 14.45–18.30	<b>UPDATED MANAGEMENT GUIDELINES FOR FIVE COMMON HIP PROBLEMS AND FIVE COMMON FRACTURES AT PAEDIATRIC AGE</b> Moderators: Anticevic, Darko (Croatia)	Room Helsinki
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Five Common Paediatric Hip Problems

Introduction

DDH Treatment Up To 12 Months Of Age. How To Improve Success Rate In 21st Century?  
Speaker: Omeroglu, Hakan (Turkey)

Discussion

Transient Synovitis Of The Hip. Reflection On Diagnosis, Observation And Treatment  
Speaker: Alves, Cristina (Portugal)

Discussion

Septic Arthritis Of The Hip. What Criteria To Use For Correct Diagnosis?  
Speaker: Viehweger, Elke (France)

Discussion

Legg-Calve-Perthes Disease. Do We Have The Best Evidence For Treatment?  
Speaker: Anticevic, Darko (Croatia)

Discussion

Biology And Mechanics Of Slipped Capital Femoral Epiphysis  
Speaker: Witbreuk, Melinda (Netherlands, The)

Discussion

Five Common Paediatric Fractures

Proximal & Shaft Tibial Fractures. Is Conservative Approach Always Sufficient?  
Speaker: Canavese, Federico (France)

Discussion

14:45 – 18:30

Distal Forearm Fractures. How Much Angulation Is Acceptable At Different Age  
Speaker: Andreatchio, Antonio (Italy)

Discussion

Supracondylar Fractures: Treatment Approach In Six Different Clinical Scenarios  
Speaker: Lascombes, Pierre (Switzerland)

Discussion

Clavicle Fractures In Children And Adolescents. Is It Necessary To Operate?  
Speaker: Cassiano Neves, Manuel (Portugal)

Discussion

Ankle Fractures In Children And Adolescents  
Speaker: Sommerfeldt, Dirk (Germany)

Discussion

Closing Remarks

16:15 – 17:15

Orthopaedics / Pelvis, Hip & Femur

EVIDENCE  
BASED  
MEDICINE  
SESSION

NEW EVIDENCE IN THE TREATMENT OF PROSTHETIC HIP JOINT INFECTION  
Moderator: Karachalios, Theofilos (Greece)

Room Vienna

16.15–17.15

Diagnostic Dilemmas About The Prosthetic Hip Infection  
Speaker: Malizos, Konstantinos (Greece)

New Evidence In The One-Stage Vs. Two-Stage Revision Argument  
Speaker: Stöckl, Bernd (Austria)

New Evidence In The Use Of Hip Joint Spacers  
Speaker: Romanò, Carlo Luca (Italy)

Discussion

Orthopaedics / Pelvis, Hip & Femur

FREE PAPER

FAST TRACK IN THA

Room Lisbon

16.15–17.15

Moderators: Bozkurt, Murat (Turkey), Smith, Evert (United Kingdom)

In-Hospital Morbidity & Post-Operative Revisions Following Direct Anterior Vs. Posterior Total Hip Arthroplasty  
Authors: Poultsides, Lazaros / Ponzio, Danielle / Salvatore, Anthony / Memtsoudis, Stavros / Alexiades, Michael  
Speaker: Poultsides, Lazaros (United States)

Why Do Patients Contact The Hospital After Fast-Track Hip And Knee Replacement Surgery?  
Authors: Hällfors, Eerik / Mäkinen, Tatu / Madanat, Rami  
Speaker: Hällfors, Eerik (Finland)

Cementless Total Hip Arthroplasty In Young Patients Under The Age Of 30. A Minimum 10-Years Follow-Up  
Authors: Moon, Kyoung Ho / Shin, Eun Ho  
Speaker: Moon, Kyoung Ho (South Korea)

2.5-Years Of Experience With Total Hip Arthroplasties In An Outpatient Setting  
Authors: Coenders, Michel / Mathijssen, Nina / Vehmeijer, Stephan  
Speaker: Coenders, Michel (Netherlands, The)

Discussion



16:15 – 17:15

Sport Activity Before And After Total Hip Arthroplasty: A 5-Years Follow-Up Evaluation

Authors: Peixoto, Daniel Augusto / Gameiro, Manuel / Antunes, João / Angelo, Susana / Gomes, Francisco / Pereira, Fernando / Roseiro, Tiago / Vale, Claudia

Speaker: Peixoto, Daniel Augusto (Portugal)

The Impact Of Information Of Expected Length Of Stay After Primary Total Hip Replacement

Authors: Hofbauer, Christian / Trolborg, Charlotte / Schwartz Leonhardt, Jane / Jørgensen, Christoffer Calov / Varnum, Claus

Speaker: Hofbauer, Christian (Denmark)

Influence Of Femoral Head Diameter On Gait Parameters After Hip Arthroplasty

Authors: Abdulhussein, Dalia / Brevadt, Mads / Johal, Hardeep / Cobb, Justin / Van Der Straeten, Catherine

Speaker: Abdulhussein, Dalia (United Kingdom)

Quality Assurance In Hip Arthroplasty. Internal Vs. External Post-Operative Prospectively Collected Data

Authors: Koutras, Christos / Becker, Isabel / Heep, Hansjörg

Speaker: Koutras, Christos (Germany)

Discussion

Trauma / Hip & Femur Trauma

INSTRUCTIONAL

HIP FRACTURE IN THE ELDERLY, IMPACT OF COMORBIDITIES IN MANAGEMENT

Room Barcelona

LECTURE

Moderator: Muñoz Vives, Josep (Andorra)

16.15–17.15

Lecturer: Felicissimo, Paulo (Portugal)

Trauma / Knee & Lower Leg Trauma

FREE PAPER

PROXIMAL TIBIA FRACTURES

Room Brussels

16.15–17.15

Moderators: Cimerman, Matej (Slovenia), Berlusconi, Marco (Italy)

Surgical Strategies For The Treatment Of The Tibial Plateau Fractures With Malalignment

Authors: Wang, Pengfei / Zhang, Kun / Zhuang, Yan / Cong, Yu-Xuan

Speaker: Cong, Yu-Xuan (China)

There Is A Correlation Between The Degree Of Depression And Separation Of Tibial Plateau Fractures And Soft-Tissue Injuries?

Authors: Ramírez, Eduard / Millán, Angélica / Gómez, Mireia / Ibañez, Maximiliano / Gelber, Pablo

Speaker: Ramírez, Eduard (Spain)

Posterior Tibial Plateau Fractures: The Sense Of 3D Classification

Authors: Quintens, Liselore / Herteleer, Michiel / Nijs, Stefaan / Hoekstra, Harm

Speaker: Herteleer, Michiel (Belgium)

The Effect On The Stability Of The Knee Joint For The Patients With Type IV, V, VI Tibial Plateau Fractures Through Postero-Medial Approaches After The Separation Of The Medial Collateral Ligament

Authors: Ren, Cheng / Xue, Hanzhong / Li, Zhong / Wang, Qian / Zhang, Kun

Speaker: Ren, Cheng (China)

Discussion

Arthroscopy-Assisted In Lateral Tibial Plateau Impression Fractures Treated With Balloon Reduction And Cement Augmentation

Authors: Wang, Pengfei / Zhuang, Yan

Speaker: Wang, Pengfei (China)

Calcium Phosphate Cement For Defect Augmentation In Tibial Plateau Fractures: Clinical Outcomes And Incidence Of Secondary Collapse

Authors: Kanakaris, Nikolaos / Sim, Francis / Anthony, Christopher / Papisotiriou, Antonios / Giannoudis, Peter

Speaker: Sim, Francis (United Kingdom)

Complication Rates In Lateral Vs. Dual Plating In Proximal Tibia Fractures

Authors: Rasch, Kathrine / Beuke, Jens-Christian / Damborg, Frank

Speaker: Rasch, Kathrine (Denmark)

16:15 – 17:15

Predictors Of Post-Traumatic Osteoarthritis Following Operative Treatment Of Medial Tibial Plateau Fractures

Authors: Parkkinen, Markus / Lindahl, Jan / Mäkinen, Tatu / Mustonen, Antti / Koskinen, Seppo / Madanat, Rami

Speaker: Parkkinen, Markus (Finland)

Discussion

### Orthopaedics / Knee & Lower Leg

FREE PAPER

ACL OUTCOMES

Room Madrid

16.15-17.15

Moderators: Menetrey, Jacques (Switzerland), Fonseca, Fernando (Portugal)

Relationship Of Timing Of Anterior Cruciate Ligament (ACL) Reconstruction Surgery With Meniscal Tears, Chondral Injuries, Functional And Patient Reported Outcomes. A Systematic Review

Authors: Prodromidis, Apostolos D. / Zreik, Nasri / Thivaos, Georgios / Waqar, Ahmed / Dey, Paola / Charalambous, Charalambos

Speaker: Prodromidis, Apostolos D. (United Kingdom)

Comparison Of Short-Term Outcomes Between Dynamic Intraligamentary Stabilisation And ACL-Reconstruction In Sport-Active Patients

Authors: Ateschrang, Atesch / Ahrend, Marc-Daniel / Döbele, Stefan / Ihle, Christoph / Stöckle, Ulrich / Schröter, Steffen

Speaker: Ateschrang, Atesch (Germany)

Arthroscopic ACL Reconstruction : Comparison Of Hamstring Autologous Grafts Vs. Allografts

Authors: Vidyasagar, Josyula / Mebisetty, Srinivasarao

Speaker: Vidyasagar, Josyula (India)

Evaluation Of ESR And CRP Serum Levels In A Group Of Patients Undergoing ACL Arthroscopic Reconstruction And Treated By Pulsed Electromagnetic Fields (PEMFs): Prospective, Randomised And Single-Blinded Study With 1-Year Of Follow-Up

Authors: Bernardi, Gabriele / Alberti, Francesco / Pulcinelli, Ferdinando Maria / Tudisco, Cosimo

Speaker: Bernardi, Gabriele (Italy)

Discussion

10-Years Results After Anterior Cruciate Ligament Reconstruction: A Meta-Analysis

Authors: Jenny, Jean-Yves / Hazaparu, Nicolae

Speaker: Hazaparu, Nicolae (France)

Long-Term Evaluation Of The Anterior Cruciate Ligament Reconstruction With A Hamstring Autograft

Authors: Machado, Sara / Antunes, Artur / Seara, Manuel / Pinto, Rui / Oliveira, Paulo

Speaker: Machado, Sara (Portugal)

Outcome Of Revision Anterior Cruciate Ligament Comparing Hamstring Autograft Vs. Bone Patella Tendon Bone Autograft – A Systematic Review

Authors: Sunil Kumar, Karadi Hari / Mamarelis, Georgios / Nathwani, Dinesh

Speaker: Sunil Kumar, Karadi Hari (United Kingdom)

The Relation Of Graft Type And Antibiotic Pre-Soaking With Infection Rates In Anterior Cruciate Ligament Reconstruction: A Meta-Analysis Involving Over 50,000 Cases

Authors: Kursumovic, Kenan

Speaker: Kursumovic, Kenan (United Kingdom)

Discussion

### Orthopaedics / Wrist & Hand

CLINICAL CASES

CLINICAL CASES – WRIST & HAND

Room Florence

16.15-17.15

Moderators: Haugstvedt, Jan-Ragnar (Norway), Schmelzer-Schmied, Nicole (Switzerland)

Antipronation Spiral Tenodesis In The Treatment Of Perilunate Instability

Authors: Direito Santos, Bruno / França, Guilherme / Carriço, Luis / Costa, André / Ribeiro, Elisabete / Ribeiro, Juvenália / Rodrigues, Luis Filipe / Vieira Da Silva, Manuel

Speaker: Direito Santos, Bruno (Portugal)

16:15 – 17:15

Distal Radioulnar Joint Synovial Osteochondromatosis: A Case Report And Review Of Literature

Authors: Zekry, Medhat / Shyamalan, Gunaratnam

Speaker: Zekry, Medhat (United Kingdom)

Median Nerve Compression In The Carpal Tunnel By An Enlarged Superficial Palmar Branch Of The Radial Artery

Authors: Tolis, Konstantinos / Mavrogenis, Andreas / Spyridonos, Sarantis / Kokkalis, Zinon

Speaker: Tolis, Konstantinos (Greece)

Scar Sensitivity In A Single Surgeon Series Of Carpal Tunnel Decompression

Authors: Weerasuriya, Thisara / Cheng, Kenneth / Gibson, Suzy

Speaker: Weerasuriya, Thisara (United Kingdom)

Trigger Finger Release As A Point To The Onset Of Dupuytren's Disease

Authors: Neto, Ana Luisa / Oliveira, Teresa / Marques, Filipe / Silvério, Silvia / Neves, Roxo

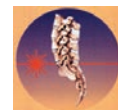
Speaker: Neto, Ana Luisa (Portugal)

Arthroscopy In Scaphoid Non-Unions, Management And Outcomes Of 26 Consecutive Cases

Authors: Croutzet, Pierre

Speaker: Croutzet, Pierre (France)

## ISLASS - International Society of Laser and Percutaneous Procedures in Surgical Spine



### Orthopaedics / Spine

SPECIALTY &  
PARTNER  
SOCIETIES

MINIMALLY INVASIVE SPINAL SURGERY. STATE OF ART

Room Nice

Moderator: Menchetti, Pier Paolo Maria (Italy)

16.15-17.15

Endoscopic Treatment Of Lumbar Disc Herniation With The EasyGO System

Speaker: Burkhardt, Benedikt (Germany)

Less Is More: Analysis Of The Corrective Power And Segment Sparing Potential Of Extreme Lateral Interbody Fusion (XLIF) In Adult Scoliosis

Speaker: Cacciola, Francesco (Italy)

Minimally Invasive Techniques In The Management Of Thoraco-Lumbar Fractures: Our Experience And Review Of Literature

Speaker: Doria, Carlo (Italy)

Dedicated Indications Per Different Rod Stiffness Or Residual Motion Following Dynamic Stabilisation. Results At 3 Years

Speaker: Freudiger, Stefan (Switzerland)

Percutaneous Transforaminal Lumbar Interbody Fusion (PTLIF) With An Expandable Cage Using The Endoscopic Posterolateral Approach

Speaker: Morgenstern, Christian (Germany)

Percutaneous Cervical Facet Distraction And Fusion In Foraminal Stenosis. D-Tax Experience

Speaker: Menchetti, Pier Paolo Maria (Italy)

Discussion

### Orthopaedics / Knee & Lower Leg

CLINICAL CASES

CLINICAL CASES – KNEE & LOWER LEG

Room Geneva

16.15-17.15

Moderators: Dejour, David (France), Jensen, Claus Munk (Denmark)

Lateral Epicondylar Osteotomy For Balancing A Severe Varus Deformity During A Total Knee Replacement

Authors: Señaris Rodríguez, José

Speaker: Señaris Rodríguez, José (Spain)

16:15 – 17:15

Vascular Injury Associated With Total Knee Arthroplasty. Cases Series

Authors: Nicolino, Tomas / Costantini, Julian / Sancineto, Carlos / Carbo, Lisandro

Speaker: Nicolino, Tomas (Argentina)

Recurrent Atraumatic Anterior Dislocation Of Cruciate Retaining Knee Arthroplasty. Case Report And Literature Review

Authors: Hafez, Mohamed / Cameron, Ruth / Rice, Robin

Speaker: Hafez, Mohamed (United Kingdom)

Second Revision TKA Due To Implant Fracture – How To Manage The Bone Loss

Authors: Maia Rosa, João / Lopes, Miguel / Couto, André / Vide, Joao / Ramos, Acacio / Paulo Sousa, Joao

Speaker: Maia Rosa, João (Portugal)

Consideration In Patients With Spontaneous Recurrent Hemarthrosis After Total Knee Arthroplasty (TKA)

Authors: Tan, Ting Yang / Kerr, Sally / Pettit, Phil / Prabhakar, Makarahalli / Rhodes, Amanda

Speaker: Tan, Ting Yang (United Kingdom)

A Technique To Reconstruct Chronic Quadriceps Tendon Rupture In A TKR With Patellar Resurfacing

Authors: Malik, Mudasir / Valsamis, Epaminondas / Lwin, Michael

Speaker: Malik, Mudasir (United Kingdom)

Trauma / Shoulder & Upper Arm Trauma

CLINICAL CASES CLINICAL CASES – SHOULDER & UPPER ARM TRAUMA Room Berlin

16.15–17.15 Moderators: Gomes, Nuno (Portugal), Favard, Luc (France)

Arthroscopic Treatment Of A Glenoid Fracture Using Suture Anchors

Authors: Machado, Filipe / Campos, Bárbara / Bispo, Ana Catarina / Vital Batista, Mafalda / Oliveira, Tiago / Gonçalves, Francisco /

Vasconcelos, Mónica / Araújo, Amílcar / Pessoa, Pedro

Speaker: Machado, Filipe (Portugal)

Tendon Ruptures In Upper Limb Of Athletes: 2 Clinical Cases

Authors: Costa Pinheiro, Ana Alexandra / Mateus, Carlos / Ferreira, Nuno / Sevivas, Nuno / Vieira Da Silva, Manuel

Speaker: Costa Pinheiro, Ana Alexandra (Portugal)

The Role Of External Fixator In Comminuted Fractures Of The Head And Proximal Third Of The Humerus – Case Report

Authors: Catarino, Isabel / Esteves, Sofia / Robles, Diogo / Lopes, Daniel / Viamonte, Clyde

Speaker: Catarino, Isabel (Portugal)

Bilateral Heterotopic Ossification After Distal Biceps Brachii Tendon Rupture: A Case Report

Authors: Garcia Martin, Victor / Martinez Arnaiz, Javier / Lopez Muñoz, Christian / Cambronero Honrubia, Isabel / Ruiz Picazo, David /

Sánchez Cózar, Lucia

Speaker: Garcia Martin, Victor (Spain)

Axillary Artery Damage Secondary To Proximal Humerus Fracture: 4 Cases Experience

Authors: Leon Andrino, Alejandro / Beltrán De Heredia, Pablo / Palencia, Jesus / Ramirez, Mauricio / Bustinza, Elias / Ariño Palao,

María Blanca / Lomo, José María

Speaker: Leon Andrino, Alejandro (Spain)

Shoulder Instability With Bilateral Agenesis Of The Long Head Of The Biceps Tendon

Authors: Ariño Palao, María Blanca / Beltrán De Heredia, Pablo / Leon Andrino, Alejandro / Bustinza Camapaza, Elias /

García-Medrano, Belen

Speaker: Beltrán De Heredia, Pablo (Spain)

Orthopaedics / Knee & Lower Leg

FREE PAPER COMPLICATIONS IN TKA Room Istanbul

16.15–17.15 Moderators: Husted, Henrik (Denmark), Ferretti, Andrea (Italy)

Primary And Revision Knee Arthroplasty – Internal And External (Quality Assurance) Data

Authors: Koutras, Christos / Becker, Isabel / Heep, Hansjörg

Speaker: Koutras, Christos (Germany)

16:15 – 17:15

Total Knee Arthroplasty (TKA) In Patients With Rheumatoid Arthritis (RA) And Primary Osteoarthritis (OA): Is There Any Difference About The Incidence Of Infection Together With Clinical And Functional Results? A Safety Analysis Of 577 Knees

Authors: Pehlivanoglu, Tuna / Balci, Halil Ibrahim / Kiliçoglu, Önder Ismet / Bayram, Serkan

Speaker: Pehlivanoglu, Tuna (Turkey)

Current Results Of Total Knee Replacement For Rheumatoid Arthritis: Males With Rheumatoid Arthritis Are At Greatest Risk Of Infection After Total Knee Arthroplasty

Authors: Lewis, Peter / De Steiger, Richard / Graves, Stephen / Lorimer, Michelle

Speaker: Lewis, Peter (Australia)

Self-Reported Knee Instability Associated With Pain And Activity Limitations Prior And 1-Year-After Total Knee Arthroplasty In Patients With Knee Osteoarthritis

Authors: Leichtenberg, Claudia S. / Kroon, Herman M / Dekker, Joost / Nelissen, Rob G. H. H. / Vliet Vlieland, Thea P M / Van De Esch, Martin / The Loas Studygroup, On Behalf Of

Speaker: Leichtenberg, Claudia S. (Netherlands, The)

Discussion

Patella Baja As A Cause Of Painful Total Knee Replacement: A 10-Years Follow-Up Study

Authors: Somanchi, Brinda Vihari / Bayley, Edward / Pickering, Simon

Speaker: Somanchi, Brinda Vihari (United Kingdom)

Is The Time Of Surgery A Risk Factor For Periprosthetic Joint Infection After Primary Total Knee Arthroplasty?

Authors: Yildiz, Fatih / Erden, Tunay / Gungoren, Nurdan / Tuncay, Ibrahim

Speaker: Yildiz, Fatih (Turkey)

Revision Knee Surgery In Under 65-Years-Old Patients: 16-Years Follow-Up Survivorship And Radiological Analysis - Using TC3 Implants

Authors: Rao, Prasad / Whittaker, John-Paul / Spencer-Jones, Richard / Okinomu, Christos

Speaker: Rao, Prasad (United Kingdom)

Distal Femoral Arthroplasty In Non-Oncologic Patients Undergoing Revision Knee Arthroplasty

Authors: De Martino, Ivan / D'Apolito, Rocco / Nocon, Allina / Bostrom, Mathias / Sculco, Thomas / Sculco, Peter

Speaker: De Martino, Ivan (United States)

Discussion

### Orthopaedics / Pelvis, Hip & Femur

**INSTRUCTIONAL LECTURE** ADVANCES IN HIP ARTHROPLASTY SURGERY: WHAT IS JUSTIFIED?

Room Paris

Moderator: Schreurs, Willem (Netherlands, The)

16.15-17.15

Lecturer: Zagra, Luigi (Italy)

### Trauma / Pelvic Trauma

**FREE PAPER** ILIAC WING, ACETABULAR AND FRAGILITY FRACTURES

Room London

ModeratorS: Aktuglu, Kemal (Turkey), Caba-Doussoux, Pedro (Spain)

16.15-17.15

Iliac Wing Fracture. Cadaveric Study And Clinical Outcome With Intramedullary Osteosynthesis

Authors: Caviglia, Horacio / Galatro, Gustavo / Cambiaggi, Guillermo / Douglas Price, Ana / Vatani, Nosratollah

Speaker: Caviglia, Horacio (Argentina)

Are Two Retrograde 3.5mm Screws Superior To One 7.3mm Screw For Anterior Pelvic Ring Fixation In Low Bone Mineral Density? A Biomechanical Study

Authors: Acklin, Yves / Zderic, Ivan / Grechenig, Stephan / Richards, Geoff / Schmitz, Paul / Gueorguiev, Boyko

Speaker: Gueorguiev, Boyko (Switzerland)

The Stoppa Approach Vs. The Ilioinguinal Approach For Acetabular Fractures: A Case Control Study

Authors: Savadkoohi, Dariush / Siavashi, Babak / Pendar, Ehsan / Aalirezai, Arash

Speaker: Savadkoohi, Dariush (Iran)

16:15 – 17:15

Operative Treatment Of Pelvic Fractures In The Elderly: Our Institutional Experience

Authors: Theodorides, Anthony A. / Giannoulis, Dionysios / Pountos, Ippokratis / Panteli, Michalis / Tosounidis, Theodoros / Kanakaris, Nikolaos / Giannoudis, Peter  
Speaker: Giannoudis, Peter (United Kingdom)

Discussion

Pelvic Ring Fractures In The Elderly Population, Does The Presence Of A Hip Prosthesis Alter The Fracture Pattern?

Authors: Putzeys, Guy Emile / Anthonisen, Joris  
Speaker: Putzeys, Guy Emile (Belgium)

Comparing Different Angle Measurements On Suprapectineal And Intrapectineal Plates Which Were Placed In Different Anatomic Locations In Acetabular Fractures

Authors: Dikmen, Suphi / Alemdaroglu, Bahadir / Özmeriç, Ahmet / Iltar, Serkan / Firat, Aysegül / Dinçel, Ercan  
Speaker: Özmeriç, Ahmet (Turkey)

Total Hip Arthroplasty After Complex Acetabular Fractures. A Prospective Comparative Study

Authors: Sirianni, Rossella / Garcia-Rey, Eduardo / Garcia-Cimbrello, Eduardo  
Speaker: Sirianni, Rossella (Italy)

Reconstruction Of Pelvic Fractures: Prevalence, Characteristics, And Risk Factors Predisposing To Deep Infection

Authors: Kanakaris, Nikolaos / West, Robert M. / Papatotiriou, Antonios / Giannoudis, Peter  
Speaker: Papatotiriou, Antonios (United Kingdom)

Discussion

17:30 – 18:30

Orthopaedics / Pelvis, Hip & Femur

FREE PAPER

MISCELLANEOUS THA

Room Vienna

17.30-18.30

Moderators: Mihelic, Radovan (Croatia), Garcia-Rey, Eduardo (Spain)

Conversion Of Hip Arthrodesis To Total Hip Arthroplasty: Long-Term Clinical And Radiographic Outcomes

Authors: Loppini, Mattia / Della Rocca, Antonello / Astore, Franco / Della Rocca, Federico / Ricci, Damiano / Traverso, Francesco / Grappiolo, Guido  
Speaker: Loppini, Mattia (Italy)

A Prospective Comparative Study Of Perioperative Local Infiltration In The Surgical Site, Of A Novel Drug Combination For The Management Of Blood Loss In Total Hip Arthroplasty (THA)

Authors: Stamatopoulos, Alexandros / Stamatopoulos, Theodosios / Kenanidis, Eustathios / Topalis, Christos / Potoupnis, Mike / Seyegh, Fares / Tsiroidis, Eleftherios  
Speaker: Tsiroidis, Eleftherios (Greece)

Gait Analysis Evaluation Of The Ability To Resume High Impact Sports In Patients Treated With Hip Resurfacing Arthroplasty

Authors: Moroni, Antonio / Micera, Giovanni / Miscione, Maria Teresa / Orsini, Riccardo / Mosca, Salvatore / Acri, Francesco / Sinapi, Fabrizio / Fabbri, Daniele  
Speaker: Micera, Giovanni (Italy)

Cemented Fixation Is More Reliable Than Uncemented In Total Hip Replacement For Patients Over 75-Years-Old

Authors: Garcia-Rey, Eduardo / Cruz-Pardos, Ana / Gómez Barrena, Enrique  
Speaker: Garcia-Rey, Eduardo (Spain)

Discussion

A Comparison Of Piriformis-Sparing Approach Vs. The Standard Posterior Approach To The Hip: A Randomised Controlled Trial With 10-Years Follow-Up

Authors: Haebich, Samantha / Maor, Dror / Khan, Riaz / Fick, Daniel / Blake, Emma  
Speaker: Haebich, Samantha (Australia)

Total Hip Arthroplasty For Fused Hip

Authors: Taheriazam, Afshin / Safdari, Farshad / Seyed Salehi, Seyed Mohsen / Amiri, Mohammad Ali  
Speaker: Taheriazam, Afshin (Iran)

17:30 – 18:30

Survival Rate Of Total Hip Replacement With Components From One Manufacturer Vs. Mixed Components

Authors: Trebše, Rihard / Benulic, Crt / Levašic, Vesna / Milošev, Ingrid

Speaker: Trebše, Rihard (Slovenia)

Sciatic Neurapraxia After Total Hip Arthroplasty In Chronic High Dislocated Hips. What Really Matters?

Authors: Restrepo, Nicolas

Speaker: Restrepo, Nicolas (Colombia)

Discussion

### Orthopaedics / Pelvis, Hip & Femur

DEBATE FORA

CEMENTED VS. CEMENTLESS PRIMARY THA

Room Lisbon

17.30-18.30

Moderator: Overgaard, Søren (Denmark)

Introduction

Speaker: Overgaard, Søren (Denmark)

Pro Cemented Primary Total Hip Arthroplasty

Speaker: Schreurs, Willem (Netherlands, The)

Pro Cementless Primary Total Hip Arthroplasty

Speaker: Porter, Martyn (United Kingdom)

Discussion

### Trauma / Hip & Femur Trauma

FREE PAPER

EPIDEMIOLOGY AND COMPLICATIONS

Room Barcelona

17.30-18.30

Moderators: Felicissimo, Paulo (Portugal), Gjertsen, Jan-Erik (Norway)

Thrombosis And Death After Hip Fracture Surgery: A Nationwide Cohort Study Of 98,212 Danish Patients

Authors: Riisager Wahlsten, Liv / Rasmussen, Jeppe / Brorson, Stig / Palm, Henrik

Speaker: Riisager Wahlsten, Liv (Denmark)

The Effect Of A Low Body Mass Index (BMI) On The Post-Operative Outcomes Of Hip Fractures In Elderly: A Matched-Pro prospective Study

Authors: Du Plessis, Pieter / Koh, Bryan / Wang, Ming / Tan, Hong Jie Gabriel / Ng, Li Wen Nathaniel / Chee, Yu Han

Speaker: Du Plessis, Pieter (Singapore)

Risk Factors For Mortality And For Medical And Orthopaedic Complications After A Hip Fracture In Patients Older Than 65 Years: Surgical Delay As A Risk Factor For Wound Infection

Authors: Cordero Ampuero, José / Iborra, Sergio / Maldonado, Alfonso / Jiménez-Sánchez, Juan-Francisco

Speaker: Cordero Ampuero, José (Spain)

It Is Possible To Screen Fall Risk Using Wearable Activity Trackers?

Authors: Goertz, Yvonne / Buil, Ivo / Lipperts, Matthijs / Heyligers, Ide / Grimm, Bernd

Speaker: Grimm, Bernd (Netherlands, The)

Discussion

Reoperation After Long And Short Intramedullary Nail In Patients With Pertrochanteric And Subtrochanteric Fracture – A Region-Based Cohort Study

Authors: Eriksen, Lasse / Højsager, Frederik / Bomholt, Kathrine / Overgaard, Søren / Lauritsen, Jens / Viberg, Bjarke

Speaker: Eriksen, Lasse (Denmark)

Multi-State Analysis Of Hemi- And Total Hip Arthroplasty For Hip Fracture In Sweden

Authors: Nemes, Szilard / Cnudde, Peter / Lind, Dennis / Bülow, Erik / Rolfson, Ola / Rogmark, Cecilia

Speaker: Rogmark, Cecilia (Sweden)

Mortality In Patients Treated With Cemented Or Uncemented Hemiarthroplasty. A Study From The Danish Interdisciplinary Registry For Hip Fractures (DIRHF)

Authors: Viberg, Bjarke / Pedersen, Alma Becic / Kjærsgaard, Anders / Overgaard, Søren / Lauritsen, Jens

Speaker: Viberg, Bjarke (Denmark)

17:30 – 18:30

Are Trunions In Hip Hemiarthroplasties Exempt From Corrosion Issues?  
Authors: Pradhan, Rajib / Grammatopoulos, George / Wilson, Hannah / Asopa, Vipin / Andrade, Tony  
Speaker: Pradhan, Rajib (United Kingdom)

Discussion

### Trauma / Knee & Lower Leg Trauma

FREE PAPER  
17.30-18.30

#### TIBIAL SHAFT FRACTURES

Room Brussels

Moderators: Teixidor, Jordi (Spain), Kanakaris, Nikolaos (United Kingdom)

Circular External Fixation By Ilizarov For The Treatment Of Distal Tibia Fractures: Our Experience  
Authors: Bersano, Andrea / Tsibidakis, Haridimos / Camagni, Marco / Pelis, Alessandro / Guerreschi, Francesco / Poli, Piero  
Speaker: Bersano, Andrea (Italy)

Preliminary Results Of Talon Tibial Intramedullary Nailing In Tibial Diaphyseal Fractures  
Authors: Camurcu, Yalkin / Sofu, Hakan  
Speaker: Camurcu, Yalkin (Turkey)

Tibial Shaft Fractures – To Monitor Or Not To Monitor? A Multi-Centre, Retrospective, 2-Years Comparative Study Assessing Patients With Tibial Diaphyseal Fractures  
Authors: Powell-Bowns, Matilda / Faulkner, Alastair Charles / Littlechild, Joseph / Yapp, Liam / Mcqueen, Margaret  
Speaker: Powell-Bowns, Matilda (United Kingdom)

Complications Following Unilateral Fasciotomy For Compartment Syndrome Of The Lower Leg  
Authors: Suda, Arnold / Abt, Christian / Tinelli, Marco / Bischel, Oliver  
Speaker: Suda, Arnold (Germany)

Discussion

Good Results After Intramedullary Nailing Of 64 Distal Tibia Fractures  
Authors: Laudal, Espen Spildo / Andreassen, Geir Stray / Madsen, Jan Erik  
Speaker: Laudal, Espen Spildo (Norway)

Which Classification Sytem Is More Reproducible To Assess The Fractures Of The Tibial Plateau In Computed Tomography?  
Authors: Ramirez, Eduard / Millán, Angélica / Gómez, Mireia / Ibañez, Maximiliano / Gelber, Pablo  
Speaker: Ramirez, Eduard (Spain)

Supra-Patellar Approach For Intramedullary Nailing In Treating Tibial Fractures – A Systematic Review  
Authors: Wong, Fabian / Smith, Christian / Vasireddy, Aswin / Khakha, Raghbir / Back, Diane / Ajuied, Adil  
Speaker: Smith, Christian (United Kingdom)

Do The Loss Of Thigh Muscle Strength And Tibial Malrotation Cause Anterior Knee Pain After Tibia Intramedullary Nailing?  
Authors: Özbek, Emre Anil / Kalem, Mahmut / Kinik, Hakan  
Speaker: Özbek, Emre Anil (Turkey)

Discussion

### Orthopaedics / Knee & Lower Leg

INSTRUCTIONAL  
LECTURE  
17.30-18.30

PATELLOFEMORAL JOINT: FROM DYSPLASIA TO DISLOCATION  
Moderator: Neyret, Philippe (France)

Room Madrid

Lecturer: Zaffagnini, Stefano (Italy)



17:30 – 18:30

Orthopaedics / Wrist & Hand

FREE PAPER	THERAPEUTICAL OPTIONS FOR ARTHRITIS OF THE WRIST AND HAND	Room Florence
17.30-18.30	Moderators: Kebrle, Radek (Czech Republic), Pezzei, Christoph (Austria)	
	Do We Need To Immobilize Patients After Trapeziectomy With Ligament Reconstruction And Tendon Interposition? – A Prospective, Randomised Trial Authors: Javed, Mustafa / Nisar, Amer / Birks, Margaret / Bostock, Stephen Speaker: Javed, Mustafa (United Kingdom)	
	The Surgical Management For Isolated Scaphotrapeziotrapezoid (STT) Osteoarthritis: A Systematic Review Of The Literature Authors: Jehan, Shah / Javaid, M. / Sharif, Khalid Speaker: Jehan, Shah (United Kingdom)	
	The Effect Of Early Active Mobilisation On Union Rate After Ulnar Shortening Osteotomy Authors: Blackburn, Julia / Saqib, Rukhtam / Rooker, Jemma / Baumann, Andreas / Amirfeyz, Rouin Speaker: Blackburn, Julia (United Kingdom)	
	Endoscopic Denervation Of The Wrist: Anatomic Feasibility And Clinical Outcomes (N=14) Authors: Croutzet, Pierre Speaker: Croutzet, Pierre (France)	
	Discussion	
	Short-Term Results Of Trapeziectomy Combined With Mini-TightRope Fixation In The Treatment Of First Carpometacarpal Arthritis Authors: Wilson, Scott / Ring, Joseph / Davies, Rebecca / Hinduja, Kunal Speaker: Wilson, Scott (United Kingdom)	
	Progressive Alteration And Lesion Patterning Of Ulnar Deviation In Rheumatoid Arthritis; 10-Years Cohort Authors: Toyama, Shogo / Oda, Ryo / Tokunaga, Daisaku / Taniguchi, Daigo / Tsuchida, Shinji / Ikeda, Ryosuke / Fujiwara, Hiroyoshi / Kubo, Toshikazu Speaker: Toyama, Shogo (Japan)	
	Avanta Preflex Silastic Implant In Metacarpophalangeal Joint Arthroplasty In Rheumatoid Arthritis Authors: Akita, Shosuke / Tsuboi, Hideki / Yachi, Koji / Noguchi, Takaaki / Nampei, Akihito / Tsuji, Shigeyoshi / Hashimoto, Jun Speaker: Akita, Shosuke (Japan)	
	Physical Examination Technique - The Extended OK Sign Authors: Mohammed, Ali / Robertson, Fabienne Speaker: Robertson, Fabienne (United Kingdom)	
	Discussion	

Orthopaedics / Spine

FREE PAPER	DEFORMITY	Room Nice
17.30-18.30	Moderators: Kaczmarczyk, Jacek (Poland), Senköylü, Alpaslan (Turkey)	
	No Health-Related Quality Of Life And Socioeconomic Disadvantages, 5 Years After Full Time Rigid Bracing Combined With Physiotherapeutic Scoliosis-Specific Exercises In AIS Authors: Wibmer, Christine / Trotsenko, Pawel / Gilg, Magdalena Maria / Leithner, Andreas / Sperl, Matthias / Saraph, Vinay Speaker: Wibmer, Christine (Austria)	
	Spine Bone Growth Infantilism In Patients With Idiopathic Scoliosis. Prospective Controlled Study Authors: Tesakova, Darya / Beletsky, Alexander / Tesakov, Dmitry Speaker: Tesakova, Darya (Belarus)	
	Incidence Of Early Pulmonary Complications Requiring Chest Tube Insertion In Surgically Treated Paediatric Scoliosis Patients Authors: Rajamani, Vijay / Bhagawati, Dimpu / Noordeen, Hilali / Lehovsky, Jan / Gibson, Alexander Speaker: Rajamani, Vijay (United Kingdom)	

17:30 – 18:30

The Long-Term Results Of Anterior And Posterior Convex Hemi-Epiphysiodesis In The Treatment Of Congenital Scoliosis With Hemi-Vertebra

Authors: Rizkallah, Maroun / Kreichati, Gaby / Sebaaly, Amer / Kharrat, Khalil  
Speaker: Rizkallah, Maroun (Lebanon)

Discussion

Influence Of Surgery On Changes In Gait Patterns And Pelvic Evaluations In Patients With Adolescent Idiopathic Scoliosis

Authors: Balsano, Massimo / Zachos, Alexandros / Mosele, Giulia Raffaella / Doria, Carlo  
Speaker: Mosele, Giulia Raffaella (Italy)

The Use Of Neuromuscular Blocking Agents Used In Conjunction With Motor Evoked Potential Spinal Cord Monitoring And Blood Loss During Corrective Paediatric Scoliosis Surgery

Authors: Ali, Erden / Mahmoud, Yasmin / Edge, Geraldine / Lehovskiy, Jan  
Speaker: Ali, Erden (United Kingdom)

Cervical Sagittal Alignment Variations In Adolescent Idiopathic Scoliosis Patients Treated With Thoraco-Lumbo-Sacral Orthosis

Authors: Corradin, Marco / Canavese, Federico / Dimeglio, Alain / Dubousset, Jean  
Speaker: Canavese, Federico (France)

Thoracic Cage Volume And Dimensions During Growth In Normal Children, Adolescents And Young Adults

Authors: Canavese, Federico / Charles, Yann Philippe / Dimeglio, Alain  
Speaker: Canavese, Federico (France)

Discussion

### Orthopaedics / Knee & Lower Leg

FREE PAPER

SURGICAL TECHNIQUES AND RESULTS IN TKA

Room Geneva

17.30-18.30

Moderators: Bonnin, Michel (France), Sur, Hakki (Turkey)

High Varus Angle And Lower Posterior Tibial Slope Associated With PCL Injury In Cruciate Retaining Total Knee Arthroplasty: An MRI Study

Authors: Çabuk, Haluk / Imren, Yunus / Tekin, Ali Cagri / Dedeoglu, Suleyman Semih / Gurbuz, Hakan  
Speaker: Çabuk, Haluk (Turkey)

Recovery Of Knee ROM After Total Knee Arthroplasty. A Prospective Case Series

Authors: Van Der Weegen, Walter / Kornuijt, Anke / Van Den Broek, Hilde / Das, Dirk  
Speaker: Van Der Weegen, Walter (Netherlands, The)

The Effect Of Surgical Caseload And Usage On Patient-Reported Outcomes Following Knee Arthroplasty

Authors: Liddle, Alexander / Pandit, Hemant / Judge, Andrew / Murray, David  
Speaker: Liddle, Alexander (United Kingdom)

Do Patellar Resurfacing Provide Better Functional Outcome In Total Knee Arthroplasty? A Prospective, Randomised And Double-Blinded Study

Authors: Aunan, Eirik / Næss, Grethe / Clarke-Jenssen, John / Sandvik, Leiv / Kibsgård, Thomas Johan  
Speaker: Aunan, Eirik (Norway)

Discussion

Randomised Control Trial: The Functional Benefits Of Retaining The Infrapatellar Fat Pad In A Total Knee Replacement

Authors: Howard, Anthony / Ballal, Moez / Cartwright-Terry, Matthew / Santini, Alasdair / Davidson, John / Phillipson, Andrew / Banks, Jo  
Speaker: Howard, Anthony (United Kingdom)

Does Surgeon's Experience Influence Tibial Cut Accuracy Using Patient-Specific Cutting Blocks In Total Knee Arthroplasty?

Authors: Antoniadis, Alexander / Camenzind, Roland / Schär, Michael / Bergadano, Dario / Helmy, Näder  
Speaker: Antoniadis, Alexander (Switzerland)

Internal Malrotation Of The Tibial Component Is A Cause Of Flexion Contracture After TKR: In Vivo Study

Authors: Adi, Mohamed Muath / Abdelnasser, Mohammad Kamal / Elnaggar, Ahmed Ali / Tarabichi, Samih  
Speaker: Adi, Mohamed Muath (France)

17:30 – 18:30

Impact Of Surgical Variability On The Femoral Resection Morphology During Total Knee Arthroplasty

Authors: Dai, Yifei / Lansdown, Jason  
Speaker: Lansdown, Jason (United States)

Discussion

Trauma / Varia Trauma

INSTRUCTIONAL LECTURE

IMPACTION INJURIES IN THE LOWER LIMB  
Moderator: Bégué, Thierry (France)

Room Berlin

17.30–18.30

Lecturer: Giannoudis, Peter (United Kingdom)

Orthopaedics / Pelvis, Hip & Femur

FREE PAPER

HIP DYSPLASIA AND ARTHROSCOPY

Room Copenhagen

17.30–18.30

Moderators: Marin-Peña, Oliver (Spain), Hindsoe, Klaus (Denmark)

Acetabular Overcoverage In The Horizontal Plane: An Under-Diagnosed Trigger Of Early Hip Arthritis. A CT Scan Study In Young Adults

Authors: Valera, Màrius / Ibáñez, Natalia / Sancho, Rogelio / Llauger, Jaume  
Speaker: Valera, Màrius (Spain)

Acetabular Parameters In Patients With Retroversion. Comparison Of X-Ray And EOS And Change In Pelvic Tilt From Standing To Sitting Position

Authors: Bensen, Anne Soon / Jensen, Carsten / Mussmann, Bo / Torfing, Trine / Ovesen, Ole / Overgaard, Søren  
Speaker: Bensen, Anne Soon (Denmark)

Hip Preservation Rate After Arthroscopic Treatment Of Patients With FAI. Prospective Clinical And Radiological Analysis At A Minimum Of 7 Years

Authors: Comba, Fernando / Ali, Pablo / Buttaro, Martin / Zanotti, Gerardo / Piccaluga, Francisco  
Speaker: Comba, Fernando (Argentina)

Outcomes Of Hip Arthroscopy In Adolescents: A Comparison Of Acute Vs. Chronic Labral Tears. 2-Years Minimum Follow-Up

Authors: Ashberg, Lyall / Walsh, John P. / Close, Mary R. / Perets, Itay / Chaharbakhshi, Edwin O. / Domb, Benjamin G.  
Speaker: Perets, Itay (United States)

Discussion

Hip Arthroscopy With Labral Preservation And Capsular Plication In Patients With Borderline Hip Dysplasia: Minimum 5-Years Patient Reported Outcomes

Authors: Domb, Benjamin G. / Chaharbakhshi, Edwin O. / Perets, Itay / Close, Mary R. / Walsh, John P. / Ashberg, Lyall  
Speaker: Perets, Itay (United States)

Intraarticular Hyaluronic Acid In Hip Osteoarthritis

Authors: Spinarelli, Antonio / Solarino, Giuseppe / Moretti, Biagio  
Speaker: Spinarelli, Antonio (Italy)

Sustained Benefit Of Autologous Matrix-Induced Chondrogenesis (AMIC) For Hip Cartilage Repair In Athletic Patients

Authors: Thorey, Fritz / Giotis, Dimitrios  
Speaker: Thorey, Fritz (Germany)

Predictors Of The Clinical Outcome After Open Surgical Management Of Femoroacetabular Impingement

Authors: Kockara, Nizamettin / Sofu, Hakan / Issin, Ahmet / Camurcu, Yalkin / Bursali, Aysegul  
Speaker: Camurcu, Yalkin (Turkey)

Discussion

17:30 – 18:30

Orthopaedics / Knee & Lower Leg

FREE PAPER EARLY KNEE OSTEOARTHRITIS Room Istanbul

17.30–18.30 Moderators: Lübbeke Wolff, Anne (Switzerland), Mihalic, Rene (Slovenia)

Dynamic Q Angle, Hot-Spot And Pain Are Independent Variables Of Osteoarthritis Signs In Recreational Runners  
Authors: Lacza, Zsombor / Bagó, Marcell / Marschall, Bence / Hornyák, István  
Speaker: Lacza, Zsombor (Austria)

The Effects Of Knee Viscosupplementation On Ambulatory Gait Analysis: A Double-Blinded Pilot Study  
Authors: Pereira, Luís Carlos / Schweizer, Claude / Moufarrij, Sara / Krähenbühl S, Swenn / Favre, Julien / Gremion, Gerald / Applegate, Lee A / Jolles, Brigitte M  
Speaker: Pereira, Luís Carlos (Switzerland)

The Knee Osteoarthritis Grading System (KOGS)  
Authors: Oosthuizen, Christiaan  
Speaker: Oosthuizen, Christiaan (South Africa)

The Correlation Between Patient-Reported Outcome Measures And Advanced Biomechanics In Knee Osteoarthritis  
Authors: Tawy, Gwenllian / Simons, Michiel / Rowe, Philip / Biant, Leela  
Speaker: Tawy, Gwenllian (United Kingdom)

Discussion

Bone Marrow-Derived Mononuclear Cell Therapy Comparison To Hyaluronic Acid Injections In Knee Osteoarthritis Treatment  
Authors: Goncars, Valdis / Jakobsons, Eriks / Briede, Ieva / Erglis, Kristaps / Erglis, Martins / Muiznieks, Indriks / Erglis, Andrejs / Kalberzs, Konstantins  
Speaker: Goncars, Valdis (Latvia)

Increased Concentration Of Indian Hedgehog (IHH) In Synovial Fluid (SF) Is Associated With Early Cartilage Degradation In Human Knee Joint  
Authors: Zhang, Congming  
Speaker: Zhang, Congming (China)

Does NSAIDs Provide Any Additional Benefit In The Treatment Of Anserine Syndrome? A Randomised, Double-Blinded, Placebo-Controlled Trial  
Authors: Thiengwittayaporn, Satit / Phatwong, Supoj / Kangkano, Nunnapat / Charoenphandhu, Narattaphol  
Speaker: Thiengwittayaporn, Satit (Thailand)

Arthroscopic Partial Meniscectomy For Painful Degenerative Meniscal Tears In The Presence Of Knee Osteoarthritis In Patients Older Than 50 Years Of Age: Predictors Of An Early (1- To 5-Years) Total Knee Replacement  
Authors: Gómez Barrena, Enrique / García-Ramos, José Antonio / Rodríguez-Merchan, Emerito Carlos  
Speaker: Gómez Barrena, Enrique (Spain)

Discussion

General Topics / Miscellaneous

FREE PAPER SYSTEMIC DISORDERS AND MISCELLANEOUS Room Paris

17.30–18.30 Moderators: Bumbasirevic, Marko (Serbia), Papadakis, Stamatios (Greece)

Chyluria As An Early Predictor For Fat Embolism In Fracture Patients  
Authors: Yun Che, Wu / Chen, Chih Hui  
Speaker: Yun Che, Wu (Taiwan)

Metabolic Osteoarthritis And Oxidative Stress  
Authors: Tootsi, Kaspar / Märtson, Aare / Kals, Jaak / Paapstel, Kaido / Zilmer, Mihkel  
Speaker: Tootsi, Kaspar (Estonia)

Prevention Of Venous Thromboembolism After Knee Arthroscopy: A Randomised Clinical Trial  
Authors: Nemeth, Banne / Van Adrichem, Raymond / Algra, Ale / Le Cessie, Saskia / Rosendaal, Frits / Schipper, Inger / Nelissen, Rob G. H. H. / Cannegieter, Suzanne  
Speaker: Nemeth, Banne (Netherlands, The)

The Chamber Induction Technique (C.I.T.) For Prosthesis And Reconstruction  
Authors: Calori, Giorgio Maria / Colombo, Massimiliano / Mazza, Emilio Luigi / Colombo, Alessandra / Mazzola, Simone / Romanò, Fabio  
Speaker: Calori, Giorgio Maria (Italy)

17:30 – 18:30

Discussion

Upper Tibial MRI Vascular Marks And Knee Osteoarthritis

Authors: Beverly, Michael / Stamm, Nathaniel / Hamilton, Thomas / Murray, David / Pandit, Hemant  
Speaker: Beverly, Michael (United Kingdom)

Hyperbaric Oxygen Therapy In The Treatment Of Avascular Necrosis Of Femoral Head: An 8-Years Surveillance On 129 Cases

Authors: Enescu, Marius / Ion, Bogdan Cristian  
Speaker: Enescu, Marius (Romania)

Prevention Of Venous Thromboembolism After Lower Leg Cast Immobilisation: A Randomised Clinical Trial

Authors: Van Adrichem, Raymond / Nemeth, Banne / Schipper, Inger / Rosendaal, Frits / Le Cessie, Saskia / Algra, Ale / Nelissen, Rob G. H. H. / Cannegieter, Suzanne  
Speaker: Nemeth, Banne (Netherlands, The)

Ethical Objections And Difficulties Arise For The Cosmetic Leg Lengthening

Authors: Bersano, Andrea / Tsidakis, Haridimos / Biffi, Andrea / Anghileri, Matteo / Camagni, Marco / Guerreschi, Francesco / Poli, Piero  
Speaker: Bersano, Andrea (Italy)

Discussion

Trauma / Polytrauma

FREE PAPER

POLYTRAUMA AND SACRUM TRAUMA

Room London

17.30-18.30

Moderators: Bozkurt, Murat (Turkey), Oransky, Michele (Italy)

Validation Of Hand-Held Portable Electronic Blood Lactate Meter For Point Of Care Testing In The Clinical Setting

Authors: Perianayagam, Ganapathy Raman / Patel, Shakil / Taylor, Grahame J S  
Speaker: Perianayagam, Ganapathy Raman (United Kingdom)

Precipitation Trauma: Suicide Attempt And Accidental Precipitation Comparison. Psychiatric Disease Can Influence Traumatological Treatment And Duration Of Hospitalisation?

Authors: Conforti, Luigi Giulio / Arrigoni, Chiara / Piccato, Alice / Alberghina, Flavia / Guglielmino, Daniele / Massè, Alessandro  
Speaker: Conforti, Luigi Giulio (Italy)

Venous Thrombo-Embolism (VTE) Following Tranexamic Acid (TXA) In The Trauma Patient

Authors: Blackwell, John / Leggett, Thomas / Kukadia, Jogisha / Sahemey, Rajpreet / Lopes, Rita / Nasir, Hamzah / Greenway, Michael  
Speaker: Blackwell, John (United Kingdom)

Sacroiliac Traumatic Lesions: Fluoroscopy Vs. TAC Guided Percutaneous Screws Fixation

Authors: Lucidi, Giannicola / Trono, Marco / Lamponi, Federico / Pala, Elisa / Zavatta, Marcello / Lucidi, Gian Andrea  
Speaker: Lucidi, Gian Andrea (Italy)

Discussion

Biomechanical Comparison Of Different Fixation Techniques In Sacrum Denis Type II Fracture With Low Bone Mineral Density

Authors: Acklin, Yves / Zderic, Ivan / Richards, Geoff / Schmitz, Paul / Gueorguiev, Boyko / Grechenig, Stephan  
Speaker: Zderic, Ivan (Switzerland)

Morphological Variations Of Asian Sacrum And Their Implication In Ilio-Sacral Screw Fixation: Computational Cadaveric Study

Authors: Jung, Gu-Hee / Jeong, Jin Hoon / Wang, Lih / Han, Jae Hwi / Byun, Young-Soo  
Speaker: Jung, Gu-Hee (South Korea)

Clinical Results Of Posterior Fixation With Transiliac Rod And Screw Fixation (TIRF) For Posterior Pelvic Ring Fractures

Authors: Yagata, Yukihiisa / Mizuno, Shouichiro / Ito, Yasuo / Toda, Kazukiyo / Kikuchi, Tuyoshi / Osaki, Shuhei  
Speaker: Yagata, Yukihiisa (Japan)

Assessment Of Pelvic Injuries Treated With Ilio-Sacral Screws: Injury Severity And Accuracy Of Screw Positioning

Authors: Amr Hassaen, Waleed / Dawud, Tamer  
Speaker: Amr Hassaen, Waleed (Egypt)

Discussion

European School for TRaining in Orthopaedics (ESTRO) is a European Union project which is approved and granted by the European Commission in the form of an ERASMUS+ strategic partnership project, in the field of higher education, training and youth programme.

In line with the 2011 EU Modernisation Agenda's priority areas, the goal of this project is to contribute to the enhancement of the quality and outcomes of education and training in Orthopaedics and Traumatology in Europe. By the close relations and contribution with UEMS-EBOT section, ESTRO will work to set up a common EU framework of reference in terms of methodology and contents for the Orthopaedic and Traumatology training and designing a mobility scheme for trainees and young residents in orthopaedics and traumatology to move between different EU institutions/departments for the purposes of placement [...]. Combined intensive courses and virtual learning platforms with meetings, symposia and workshops are also planned.

Five leading universities with high respect in the field of education are included in the project; Hacettepe University (Turkey), University of Bologna (Italy), Danube University Krems (Austria), Yildirim Beyazit University (Turkey) and Claude Bernard University of Lyon (France).

ESTRO project consists of 5 modules for the education: (a) Basic science, (b) Upper limb, (c) Lower limb, (d) Paediatric Orthopaedics and Spine, (e) Orthopaedics Oncology. Each partner university will organize a course for one of the modules. A crediting system will be applied for the participation to the educational activities. All participants will gain credits according to their participation of the educational activities (courses, workshops, webinars, e-learning lectures etc) of ESTRO or ESTRO supported activities. At the end of one year, the participant with enough credits will be eligible to apply to the fellowship mobility program.

EFORT is proud to host the participants\* of the ESTRO summer school and to make the Comprehensive Review Course (CRC) of the 18th EFORT annual congress part of this programme.

## **ESTRO SUMMER SCHOOL, 28 May – 3 June 2017 Programme:**

Sunday 28 May – Day of arrival

Monday 29 May – Biology session

Tuesday 30 May – Study design session

Wednesday 31 May – Biomechanics, engineering, biomaterials session

Thursday 1 June – Fundamentals and general orthopaedic science session

Friday, 2 June – Comprehensive Review Course

Saturday 3 June – Day of departure

*\*Please note that this is a closed group and attendance is subject to pre-registration. Onsite registration cannot be considered for participation. More under [www.estroproject.eu](http://www.estroproject.eu)*

Room	Vienna	Lisbon	Munich	Barcelona	Brussels	Madrid	Helsinki	Florence	
Time									
08:00									
08:15	Advanced Course In Total Knee Replacement	Register Studies: Total Hip Arthroplasty (FP)	EHS Session (Spec. Soc.)	Selection Approach For Acetabular Fracture (S)	Compartment Syndrome. Upper, Lower Et Sports Related (S)	Orthopaedics Et Trauma Surgery In The World Of Formula 1 (S)	Computer Models In Orthopaedic Biomechanics Research (S)	Ligament Instability Of The Hand And Wrist (S)	
08:30									
08:45									
09:00									
09:15									
09:30									
09:45		BREAK		BREAK					
10:00									
10:15		Cementless THA (FP)		The Infected Osteosynthesis - Is Permanent Drainage An Option? (DF)	Update Fractures Around The Knee (Spec. Soc.)	Education And Health Economy (FP)	Biomechanics Et Methodology (FP)	Trauma Of The Hand Et Wrist (FP)	
10:30									
10:45									
11:00									
11:15		BREAK		BREAK					
11:30		Technique In THA (FP)		Pelvic Surgery 2017: Standards And Open Issues (Including Case Base Discussion) (Spec. Soc.)	Patella And Distal Femur Fractures Including Periprosthetic (FP)	Tips and Tricks of Using Internet for Professional Purposes (IL)	AOTrauma/AORecon Symposium - Periprosthetic Fractures (S)	Clinical Cases - Hand Et Wrist Trauma (CC)	
11:45									
12:00									
12:15									
12:30									
12:45	Erwin Morscher Honorary Lecture								
13:00	Lunch Break - Industry-Sponsored Symposia								
13:15									
13:30									
13:45									
14:00									
14:15									
14:30									
14:45									
15:00	Advanced Course In Total Hip Replacement	Management In Knee Injuries In Professional Alpine Skiers (S)	Stiff Knee After TKA: How To Deal With? (S)	Femoral Neck Fractures In Young Adults (S)	Joint Replacement After Knee Fractures (CCD)	Pay For Performance (S)	FORTE Session (Spec. Soc.)	Bone Defects In Traumatic Conditions Of The Shoulder And Elbow (Spec. Soc.)	
15:15									
15:30									
15:45									
16:00									
16:15									
16:30		BREAK							
16:45									
17:00		Prevention And Orthopaedics Management Of The Most Frequent Football Injuries (S)	Management Of Infections In TKA (CCD)	Fatigue Fractures Of The Lower Limb (S)	The Floating Knee (S)	How To Improve Your Abstract For An International Orthopaedic Congress? (S)			
17:15									
17:30									
17:45									
18:00									
18:15									
18:30									
18:45									

 GENERAL ORTHOPAEDICS	 UPPER LIMB	 LOWER LIMB	 SPINE	 TRAUMA/ POLYTRAUMA	 PAEDIATRICS	 GENERAL EDUCATION
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S = Symposium    IL = Instructional Lecture    EBM = Evidence Based Medicine    DF = Debate Forum    CC = Clinical Cases

Nice	Geneva	Berlin	Copenhagen	Istanbul	Paris	London	Room
							Time
							08:00
Clinical Cases – Spine Incl. Trauma (CC)	Modern Therapy Of Bone Sarcoma (FP)	Trends In Paediatric Supracondylar Humeral Fractures. What Is Evidence-Based? (S)	Treatment Of The Proximal Femoral Fracture: Internal Fixation Or Arthroplasty (S)	Joint Replacement (FP)	Epidemiology, Prevention And Diagnosis (FP)	Tendinopathies Around The Ankle (S)	08:15
							08:30
							08:45
							09:00
							09:15
BREAK							09:30
BREAK							09:45
BREAK							10:00
Principles Of Correction Maneuvers In The Surgical Treatment Of Spinal Deformities (IL)	Clinical Cases – Musculoskeletal Tumors (CC)	Paediatric Elbow Trauma, Knee And Pelvic Injuries (FP)	Fixation And Replacement Options In Femoral Intracapsular Fracture (IEE)	The Infected Shoulder Arthroplasty (IEE)	Septic Defects And Non-Unions (IEE)	Osteotomies Around The Ankle (IEE)	10:15
							10:30
BREAK							10:45
Miscellaneous (FP)	Malignant Tumors Of The Foot (IL)	Sports Injuries Meet Forearm Trauma (FP)					11:00
							11:15
							11:30
							11:45
							12:00
BREAK							12:15
BREAK							12:30
BREAK							12:45
Erwin Morscher Honorary Lecture							13:00
Lunch Break – Industry-Sponsored Symposia							13:15
Lunch Break – Industry-Sponsored Symposia							13:30
Lunch Break – Industry-Sponsored Symposia							13:45
Lunch Break – Industry-Sponsored Symposia							14:00
Lunch Break – Industry-Sponsored Symposia							14:15
Lunch Break – Industry-Sponsored Symposia							14:30
Lunch Break – Industry-Sponsored Symposia							14:45
Degenerative Spine (FP)	Advances In The Treatment Of Soft-Tissue Sarcomas (S)	Effective Publishing: How To Improve Your Chances (S)	Surgical Treatment (FP)	Key Factors In ACL Reconstruction (FP)	The Impact Of Infection On Bone Healing (Spec. Soc.)	Ankle DO And Hindfoot Disorders (FP)	15:00
							15:15
							15:30
							15:45
							16:00
BREAK							16:15
BREAK							16:30
BREAK							16:45
Low Back Pain – Still An Unsolved Problem (S)	Management Of Soft-Tissue Sarcoma (FP)	Invited Nation Symposium: High Energy Trauma (S)	Conservative And Surgical Treatment (FP)	Design And Outcomes In TKA (FP)	Return To Sport Activities After Arthroplasty (CCD)	Foot And Ankle Miscellaneous (FP)	17:00
							17:15
							17:30
							17:45
							18:00
BREAK							18:15
BREAK							18:30
BREAK							18:45

CCD = Complex Case Discussion      FP = Free Papers      Spec. Soc. = Specialty & Partner Societies      IEE = Interactive Expert Exchange



08:15 – 09:45

Orthopaedics / Pelvis, Hip & Femur

FREE PAPER

REGISTER STUDIES: TOTAL HIP ARTHROPLASTY

Room Lisbon

08.15–09.45

Moderators: Nelissen, Rob G. H. H. (Netherlands, The), Porvaneckas, Narunas (Lithuania)

Tranexamic Acid Does Not Increase The Post-Operative Risk Of Cardiovascular Events Or Death After Total Hip Arthroplasty Surgery. A Population-Based Study From The Danish Hip Arthroplasty Register

Authors: Dastrup, Alexander / Pottegård, Anton / Hallas, Jesper / Overgaard, Søren

Speaker: Dastrup, Alexander (Denmark)

Are Metal-On-Metal Prostheses Associated With An Increased Risk Of Cancer? A Nationwide Cohort Study

Authors: Graves, Stephen / Pratt, Nicole / Wang, Yuanyuan / Wood, David / Cicuttini, Flavia / Lewis, Peter

Speaker: Lewis, Peter (Australia)

Does The Surgeon's Experience Affect Patient-Reported Outcomes 1 Year After Primary Total Hip Arthroplasty? A Register-Based Study Of 6,713 Cases In Western Sweden

Authors: Jobäck, Per / Mohaddes, Maziar / Lindahl, Hans / Kärrholm, Johan / Rolfson, Ola / Garellick, Göran

Speaker: Jobäck, Per (Sweden)

Ceramic Bearings For Total Hip Arthroplasty Are Associated With A Reduced Risk Of Revision For Infection – An Assessment Of 177,237 Procedures From The Australian Orthopaedic Association National Joint Replacement Registry

Authors: Madanat, Rami / Graves, Stephen / Lorimer, Michelle / Muratoglu, Orhun / Malchau, Henrik

Speaker: Madanat, Rami (United States)

Discussion

Should 36mm Heads Be Used To Reduce The Risk Of Revision Due To Dislocation After Total Hip Arthroplasty? An Analysis Of 300,715 Procedures In The Nordic Arthroplasty Registry Association

Authors: Tsikandylakis, Georgios / Kärrholm, Johan / Hailer, Nils P. / Eskelinen, Antti / Mäkelä, Keijo / Hallan, Geir / Furnes, Ove /

Pedersen, Alma Becic / Overgaard, Søren / Mohaddes, Maziar

Speaker: Tsikandylakis, Georgios (Sweden)

Does Pre-Operative Patient-Reported Health Status Determine Mortality After Total Hip Replacement?

Authors: Cnudde, Peter / Nemes, Szilard / Mohaddes, Maziar / Timperley, A. John / Garellick, Göran / Burström, Kristina / Rolfson, Ola

Speaker: Cnudde, Peter (United Kingdom)

Similar Risk Of Re-Revision Following One- And Two-Stage Revision Of Infected Total Hip Arthroplasty

Authors: Svensson, Karin / Rolfson, Ola / Kärrholm, Johan / Mohaddes, Maziar

Speaker: Svensson, Karin (Sweden)

Increased Mortality Following Prosthetic Joint Infection In Primary Total Hip Arthroplasty

Authors: Gundtoft, Per Hviid / Pedersen, Alma Becic / Varnum, Claus / Overgaard, Søren

Speaker: Varnum, Claus (Denmark)

Discussion

Intra-Abdominal And Intra-Pelvic Complications Following Operations Around The Hip: Causes And Management

Authors: Anastasopoulos, Panagiotis / Lepetsos, Panagiotis / Leonidou, Andreas / Kenanidis, Eustathios / Macheras, George /

Tsiridis, Eleftherios

Speaker: Lepetsos, Panagiotis (Greece)

Demographics Of Periprosthetic Femoral Fractures In Sweden. What Is New?

Authors: Chatziagorou, Georgios / Lindahl, Hans / Garellick, Göran / Kärrholm, Johan

Speaker: Chatziagorou, Georgios (Sweden)

Variability In The Use Of Bearing Surfaces In Total Hip Arthroplasties In Catalonia

Authors: Arias De La Torre, Jorge / Domingo, Laia / Martinez, Olga / Marinelli, Marcella / Pallisó, Francesc / Muñoz, Laura / Puig, Lluís /

Nardi, Joan / Espallargues, Mireia

Speaker: Arias De La Torre, Jorge (Spain)

Smoking And Elevated Cobalt Concentrations Increase The Risk Of Adverse Local Tissue Reactions In Patients With Metal-On-Metal THA

Authors: Lübbecke Wolff, Anne / Gonzalez, Amanda / Bartolone, Placido / Zingg, Matthieu / Christofilopoulos, Panayiotis / Peter, Robin / Perneger, Thomas / Hoffmeyer, Pierre / Hannouche, Didier

Speaker: Lübbecke Wolff, Anne (Switzerland)

Discussion

08:15 – 09:45

Trauma / Pelvic Trauma

**SYMPOSIUM** SELECTION APPROACH FOR ACETABULAR FRACTURE Room Barcelona

08.15–09.45 Moderator: Caba–Doussoux, Pedro (Spain)

Trochanteric Slip / Surgical Hip Dislocation: Indications And Technique  
Speaker: Keel, Marius (Switzerland)

Anterior Intrapelvic Approach: Indications And Technique  
Speaker: Kanakaris, Nikolaos (United Kingdom)

Indications For Extended Approaches: Ileofofemoral And Extended Ileofofemoral  
Speaker: Oransky, Michele (Italy)

Simultaneous Anterior And Posterior Approach: Indications And Technique  
Speaker: Rueger, Johannes (Germany)

Discussion

Trauma / Varia Trauma

**SYMPOSIUM** COMPARTMENT SYNDROME. UPPER, LOWER & SPORTS RELATED Room Brussels

08.15–09.45 Moderator: Gebhard, Florian (Germany)

Chronic Exertional Compartment Syndrome  
Speaker: Willy, Christian (Germany)

Sports Induced Compartment Syndrome  
Speaker: Aust, Andreas (Germany)

Foot Compartment Syndrome  
Speaker: Rammelt, Stefan (Germany)

Hand Compartment Syndrome  
Speaker: Prommersberger, Karl-Josef (Germany)

Discussion

General Topics / Miscellaneous

**SYMPOSIUM** ORTHOPAEDICS & TRAUMA SURGERY IN THE WORLD OF FORMULA 1 Room Madrid

08.15–09.45 Moderators: Hartstein, Gary (United Arab Emirates), Kucukdurmaz, Fatih (Turkey)

Acute Injuries During Racing  
Speaker: Hartstein, Gary (United Arab Emirates)

Chronic Injuries Of Drivers  
Speaker: TBA, still to confirm

Driver As A High Level Athlete  
Speaker: Kucukdurmaz, Fatih (Turkey)

Discussion

General Topics / Biomechanics

**SYMPOSIUM** COMPUTER MODELS IN ORTHOPAEDIC BIOMECHANICS RESEARCH Room Helsinki

08.15–09.45 Moderator: Verdonshot, Nico (Netherlands, The)

Preclinical Evaluation Of The Mechanical Reliability Of Spinal Instrumentation Through Computational Methods  
Speaker: Tobia Villa, Tomaso Maria (Italy)

Computational Modeling Of Pelvic Fracture  
Speaker: Phillips, Andrew (United Kingdom)

Thursday  
1 June

08:15 – 09:45

Preclinical Testing Of Orthopaedic Implants Using Computer Simulations

Speaker: Janssen, Dennis (Netherlands, The)

Discussion

### Orthopaedics / Wrist & Hand

**SYMPOSIUM** LIGAMENT INSTABILITY OF THE HAND AND WRIST

Room Florence

08.15–09.45 Moderator: Calcagni, Maurizio (Switzerland)

Introduction

Speaker: Calcagni, Maurizio (Switzerland)

Anatomy And Biomechanics

Speaker: Garcia-Elias, Marc (Spain)

Carpal Instabilities

Speaker: Arora, Rohit (Austria)

SL And LT Injuries: Different Forms And Treatment Strategy

Speaker: Haugstvedt, Jan-Ragnar (Norway)

Instabilities Of Finger And Thumb Ligaments

Speaker: Calcagni, Maurizio (Switzerland)

Discussion

### Trauma / Spine Trauma

**CLINICAL CASES** CLINICAL CASES – SPINE INCL. TRAUMA

Room Nice

08.15–09.45 Moderators: Berk, Haluk (Turkey), Doria, Carlo (Italy)

Acute Celiac Artery Compression Syndrome After Extensive Correction Of Sagittal Balance On An Adult Spinal Deformity

Authors: Miyazaki, Masashi / Kanezaki, Shozo / Notani, Naoki / Ishihara, Toshinobu / Tsumura, Hiroshi

Speaker: Miyazaki, Masashi (Japan)

Severe Scoliosis Treatment In A Patient With Osteogenesis Imperfecta – A Case Report

Authors: Batista, Mafalda / Escobar, Marina / Campos, Pedro / Grenho, André / Arcângelo, Joana / Jordão, Pedro / Mineiro, Jorge / Campagnolo, João

Speaker: Batista, Mafalda (Portugal)

Potentially Fatal Malpositioned Pedicle Screw After Scoliosis Correction

Authors: Mohar, Janez / Mihalic, Rene

Speaker: Mohar, Janez (Slovenia)

Treatment Of Giant Lumbar Pseudomeningocele After Spinal Surgery – Case Report

Authors: Monteiro Pereira, Joana / Esteves, Sofia / Catarino, Isabel / Afonso, João / Silva, Fernando / Sousa, Carlos

Speaker: Monteiro Pereira, Joana (Portugal)

Cervical Myelopathy Involving Atlantoaxial Instability – A Case Report

Authors: Rosa, Bárbara / Campos, Pedro / Barros, André / Karmali, Samir / Coutinho, Nuno

Speaker: Rosa, Bárbara (Portugal)

A Clinical Case Of Cauda Equina Syndrome – Epidural Abscess And Lumbar Spine Stenosis May Be Confused

Authors: Neves, Pedro / Serrano, Pedro / Barreira, Pedro / Silva, Marta / Esteves, Nuno / Rodrigues-Pinto, Ricardo

Speaker: Neves, Pedro (Portugal)

Scar Tissue Floating Method For Recurrence Of Lumbar Canal Stenosis At The Same Level

Authors: Yamazaki, Takashi / Hara, Nobuhiro / Matsutani, Satoru / Mochizuki, Yoshihito

Speaker: Yamazaki, Takashi (Japan)

Retroperitoneal Haematoma After Vertebroplasty: Case Report

Authors: Grazina, Rita Simões / Marinhas, José / Santos, Filipe / Freitas, Rolando / Rocha, Rui

Speaker: Grazina, Rita Simões (Portugal)

08:15 – 09:45

The Indication And Limitation Of Posterior Fusion Using Percutaneous Pedicle Screw For The Spinal Fracture With Diffuse Idiopathic Skeletal Hyperostosis

Authors: Notani, Naoki / Miyazaki, Masashi / Kanezaki, Shozo / Tsumura, Hiroshi  
Speaker: Notani, Naoki (Japan)

**Orthopaedics / Musculoskeletal Tumors**

FREE PAPER

MODERN THERAPY OF BONE SARCOMA

Room Geneva

08.15–09.45

Moderators: Ruggieri, Pietro (Italy), Brunello, Antonella (Italy)

Local Control And Survival In Ewing Sarcoma Patients: An Analysis Of The Data Of The Euro-EWING99 Trial

Authors: Andreou, Dimosthenis / Ranft, Andreas / Baumhoer, Daniel / Dijkstra, P.D.Sander / Gosheger, Georg / Harges, Jendrik / Ladenstein, Ruth / Leithner, Andreas / Streitbürger, Arne / Timmermann, Beate / Tunn, Per-Ulf / Wardelmann, Eva / Jürgens, Heribert / Dirksen, Uta  
Speaker: Andreou, Dimosthenis (Germany)

The Impact Of Treatment Delays On Prognosis In Patients With Ewing Sarcoma – An Analysis Of The Data Of The Euro-EWING99 Trial

Authors: Andreou, Dimosthenis / Ranft, Andreas / Baumhoer, Daniel / Dijkstra, P.D.Sander / Eich, Hans / Gosheger, Georg / Harges, Jendrik / Hartmann, Wolfgang / Ladenstein, Ruth / Leithner, Andreas / Streitbürger, Arne / Tunn, Per-Ulf / Jürgens, Heribert / Dirksen, Uta  
Speaker: Andreou, Dimosthenis (Germany)

Chondrosarcoma Of The Chest Wall: A Review Of 53 Cases From Two Institutions

Authors: Lenze, Ulrich / Angelini, Andrea / Knebel, Carolin / Trovarelli, Giulia / Pala, Elisa / Von Eisenhart-Rothe, Rüdiger / Ruggieri, Pietro  
Speaker: Angelini, Andrea (Italy)

Metastases To The Pelvis: Algorithm Of Treatment

Authors: Angelini, Andrea / Trovarelli, Giulia / Berizzi, Antonio / Ruggieri, Pietro  
Speaker: Angelini, Andrea (Italy)

Discussion

Management And Retrospective Analysis Of Metastatic Sacral Tumors: Analysis Of 80 Cases

Authors: Angelini, Andrea / Rossi, Giuseppe / Trovarelli, Giulia / Berizzi, Antonio / Ruggieri, Pietro  
Speaker: Angelini, Andrea (Italy)

Computer Assisted Planning And Patient-Specific Instruments Improve Accuracy Of Pelvic Bone Tumor Resection: A Cadaveric Study

Authors: Sallent, Andrea / Vicente, Matias / Reverté, Maria Mercedes / López, Alba / Rodriguez-Baeza, Alfonso / Pérez, Manuel / Velez, Roberto  
Speaker: Sallent, Andrea (Spain)

Outcomes Following The Use Of Computer Navigation-Assisted Surgery In Patients Undergoing Resection Of Primary Pelvic And Sacral Tumors

Authors: Nandra, Rajpal / Matharu, Gulraj / Jonathan, Stevenson / Michael, Parry / Grimer, Robert / Lee, Jeys  
Speaker: Nandra, Rajpal (United Kingdom)

Epiphysis Growth Of The Knee Joint After Epiphyseal Preservation Surgery For Childhood Osteosarcoma

Authors: Takeuchi, Akihiko / Yamamoto, Norio / Hayashi, Katsuhiro / Higuchi, Takashi / Abe, Kensaku / Taniguchi, Yuta / Aiba, Hisaki / Tsuchiya, Hiroyuki  
Speaker: Takeuchi, Akihiko (Japan)

Discussion

Monocentric Long-Term Outcomes Of Expandable Prosthesis In The Treatment Of Bone Tumors

Authors: Pezzella, Raffaele / Delepine, Nicole / Scaravilli, Gabriele / Di Salvatore, Mariano Giuseppe / Delepine, Fabrice / Pascarella, Fabio / Delepine, Gerard  
Speaker: Pezzella, Raffaele (Italy)

Haemophilic Pseudotumors Of The Limbs Minimally Invasive Surgery. 25-Years Experience

Authors: Caviglia, Horacio / Galatro, Gustavo / Daffunchio, Carla / Neme, Daniela / Landro, Maria  
Speaker: Caviglia, Horacio (Argentina)

08:15 – 09:45

Compound Osteosynthesis Of The Proximal Femur As A Choice For The Treatment Of Pathological Proximal Femoral Fractures

Authors: Merckaert, Sophie / Tannast, Moritz / Siebenrock, Klaus A.  
Speaker: Merckaert, Sophie (Switzerland)

Osseointegrated Implants For Trans Femoral Amputees: Radiographic Evaluation Of Bone Remodeling

Authors: Lu, William / Li, Jiao Jiao / Al Muderis, Munjed  
Speaker: Al Muderis, Munjed (Australia)

Discussion

### Trauma / Paediatric Trauma

**SYMPOSIUM** **TRENDS IN PAEDIATRIC SUPRACONDYLAR HUMERAL FRACTURES. WHAT IS EVIDENCE-BASED?** **Room Berlin**  
08.15–09.45

**Moderator: Omeroglu, Hakan (Turkey)**

Is K-Wire Fixation Still The Only Preferred Fixation Technique Or Are There Any Other Safe Fixation Techniques?

Speaker: Lascombes, Pierre (Switzerland)

Which Surgical Approach Provides An Easier Intervention And A Better Functional Outcome?

Speaker: Sarisozen, Bartu (Turkey)

What Is The Current Evidence Concerning The Management Of Traumatic And Iatrogenic Nerve Injuries?

Speaker: Alves, Cristina (Portugal)

Are There Widely Accepted Management Guidelines In Cases With An Abnormal Vascular Examination At The Time Of Hospital Admission?

Speaker: Eastwood, Deborah (United Kingdom)

Discussion

### Trauma / Hip & Femur Trauma

**SYMPOSIUM** **TREATMENT OF THE PROXIMAL FEMORAL FRACTURE: INTERNAL FIXATION OR ARTHROPLASTY** **Room Copenhagen**  
08.15–09.45

**Moderator: Rogmark, Cecilia (Sweden)**

Are There Any New Players On The Fixation Team?

Speaker: Johansson, Torsten (Sweden)

Are There Any Patients Left For The Internal Fixation Team?

Speaker: Gjertsen, Jan-Erik (Norway)

What Does Large Trial Experience Tell Us?

Speaker: Heetveld, Martin (Netherlands, The)

Evidence-Based Practise: What Are The Obstacles?

Speaker: Viberg, Bjarke (Denmark)

Discussion

### Orthopaedics / Shoulder & Upper Arm

**FREE PAPER** **JOINT REPLACEMENT** **Room Istanbul**  
08.15–09.45 **Moderators: Gregory, Thomas (France), Favard, Luc (France)**

Tranexamic Acid In Total Shoulder Arthroplasty

Authors: Pauzenberger, Leo / Domej, Marija Ana / Heuberger, Philipp / Laky, Brenda / Anderl, Werner  
Speaker: Domej, Marija Ana (Austria)

Description Of A Modified Noble Index For The Humerus, Radiographic Study And Assessment Of Its Interindividual And Intraindividual Variability

Authors: Chauvet, Thomas / Viard, Brice / Pacoret, Victor / Plassard, Jérémy / Colombi, Romain / Martz, Pierre / Baulot, Emmanuel  
Speaker: Chauvet, Thomas (France)

08:15 – 09:45

Carbon Dioxide Contrast-Enhanced Ultrasonography Revealed The Unexpected Translation Of Patient Controlled Interscalene Analgesia Catheter After Arthroscopic Shoulder Surgery

Authors: Shimizu, Hayato / Ichikawa, Koichi / Manaka, Tomoya / Nohara, Toshio / Yanase, Yoshiaki / Nakamura, Hiroaki  
Speaker: Shimizu, Hayato (Japan)

Wear Analysis Of Explanted Conventional Metal Back Polyethylene Glenoid Liners

Authors: Kocsis, Gyorgy / McNally, Donal  
Speaker: Kocsis, Gyorgy (United Kingdom)

Discussion

Shoulder Hemiarthroplasty Can Give Reliable Outcome For Patients With Sickle Cell Avascular Necrosis Of The Humeral Head

Authors: Elnikety, Sherif / Wong, Fabian / Morales, Cindy / Corbett, Steven  
Speaker: Elnikety, Sherif (United Kingdom)

Anatomical Total Shoulder Arthroplasty Used For Glenohumeral Osteoarthritis Has Higher Survival Rates Than Hemiarthroplasties And A Low Risk Of Glenoid Loosening

Authors: Rasmussen, Jeppe / Brorson, Stig / Jensen, Steen Lund / Metlie, Trygve / Hole, Randi / Demir, Yilmaz / Salomonsson, Björn  
Speaker: Rasmussen, Jeppe (Denmark)

Accuracy And Precision Of A Three-Dimensional Low Dose CT Method For Assessing Migration In Shoulder Arthroplasty: An Experimental Study

Authors: Broden, Cyrus / Papat, Ravi / Giles, Joshua W / Ohl, Xavier / Olivecrona, Henrik / Maguire Jr, Gerald Q / Noz, Marilyn E / Zeleznik, Michael P / Rodriguez Y Baena, Ferdinando / Emery, Roger  
Speaker: Broden, Cyrus (United Kingdom)

9- To 10-Years Results Of Anatomic Stemless Shoulder Arthroplasty

Authors: Habermeyer, Peter / Lichtenberg, Sven / Tauber, Mark / Magosch, Petra  
Speaker: Habermeyer, Peter (Germany)

Discussion

Comparison Of Glenoid Version Measurement Using Unformatted And Formatted 2D And 3D CT Reconstructions

Authors: Simpson, Ashley Iain / Dattani, Rupen / Sankey, Andrew  
Speaker: Simpson, Ashley Iain (United Kingdom)

Biomechanical Advantage Of An Augmented Implant In Anatomic Total Shoulder Arthroplasty For B2 Glenoids

Authors: Terrier, Alexandre / Obrist, Raphael / Becce, Fabio / Farron, Alain  
Speaker: Farron, Alain (Switzerland)

Dynamic Stability Assessment Of Pegged Glenoid Component After Total Shoulder Arthroplasty Using Radiostereometry

Authors: Downing, Martin / Kumar, Kapil / Cairns, David / Ashcroft, George  
Speaker: Kumar, Kapil (United Kingdom)

Hybrid Cage Glenoids Compared To Cemented Polyethylene Peg Glenoids In Anatomic Total Shoulder Arthroplasty

Authors: Flurin, Pierre-Henri / Grey, Sean / Wright, Thomas / Zuckerman, Joseph / Roche, Chris / Friedman, Richard  
Speaker: Friedman, Richard (United States)

Discussion

Orthopaedics / Musculoskeletal Infections

FREE PAPER

EPIDEMIOLOGY, PREVENTION AND DIAGNOSIS

Room Paris

08.15–09.45

Moderators: Drago, Lorenzo (Italy), Cordero Ampuero, José (Spain)

Performance Of The Alpha-Defensin Test For Diagnosis Of Hip And Knee Periprosthetic Joint Infections

Authors: Renz, Nora / Yermak, Katsiaryna / Perka, Carsten / Trampuz, Andrej  
Speaker: Renz, Nora (Germany)

Effect Of Sonication On The Elution Of Antibiotics From Polymethyl Methacrylate (PMMA)

Authors: Kummer, Anne / Furustrand Tafin, Ulrika / Borens, Olivier  
Speaker: Kummer, Anne (Switzerland)

08:15 – 09:45

Factors Affecting The Rate Of Post-Operative Surgical Site Infections In Patients After Hip Hemiarthroplasty

Authors: De Jong, Louis / Klem, Taco / Kuijper, Martijn / Roukema, Gert

Speaker: De Jong, Louis (Netherlands, The)

Propionibacterium Acnes As An Agent Of Prosthetic Joint Infection After Hip And Knee Arthroplasty: Diagnostic And Therapeutic Strategies

Authors: El-Bakoury, Ahmed / Wilson, Hannah / Liddle, Alexander / Iyer, Shabnam / Kendrick, Ben / Andrade, Tony

Speaker: El-Bakoury, Ahmed (United Kingdom)

Discussion

Multiplex-PCR: A New Rapid Method To Diagnose Low Grade Infections

Authors: Sigmund, Irene Katharina / Gamper, Jutta / Sevelde, Florian / Staats, Kevin / Puchner, Stephan / Windhager, Reinhard / Holinka, Johannes

Speaker: Sigmund, Irene Katharina (Austria)

Diagnosis Of Periprosthetic Joint Infection Using Alpha-Defensin Test Or Multiplex-PCR: Ideal Diagnostic Test Still Not Found

Authors: Suda, Arnold / Beisemann, Nils / Tinelli, Marco / Bischel, Oliver

Speaker: Suda, Arnold (Germany)

Agreement Between Pre-Operative And Intraoperative Bacteriological Samples During One-Stage Exchange For Periprosthetic Infection

Authors: Matter-Parrat, Valérie / Ronde-Oustau, Cécile / Jenny, Jean-Yves

Speaker: Matter-Parrat, Valérie (France)

Synovial Fluid IL-6 Concentration Is Not Superior To Synovial Fluid Cell Count And Differential In Detection Of Prosthetic Joint Infection

Authors: Mihalic, Rene / Trebše, Rihard

Speaker: Mihalic, Rene (Slovenia)

Discussion

Presence Of Endoprosthesis Is Associated With Increased Risk Factor For Infections Due To Oral Cavity Bacteria

Authors: Vacha, Eva / Deppe, Herbert / Wantia, Nina / Trampuz, Andrej

Speaker: Vacha, Eva (Germany)

Influence Of Sonication On Bacterial Regrowth From Antibiotic Loaded PMMA Scaffolds - An In Vitro Study

Authors: Clauss, Martin / Laschkolnig, Esther / Graf, Susanne / Kühn, Klaus-Dieter

Speaker: Clauss, Martin (Switzerland)

Differences Of Biofilm Formation On Ceramic, Metal And Polyethylene Bearing Components On Hip Prosthetic Components

Authors: Trampuz, Andrej / Yermak, Katsiaryna / Renz, Nora

Speaker: Trampuz, Andrej (Germany)

Qualitative Alpha-Defensin In Diagnosing Periprosthetic Joint Infections

Authors: Sigmund, Irene Katharina / Holinka, Johannes / Gamper, Jutta / Staats, Kevin / Böhrer, Christoph / Kubista, Bernd / Windhager, Reinhard

Speaker: Sigmund, Irene Katharina (Austria)

Discussion

## Orthopaedics / Foot & Ankle

SYMPOSIUM

TENDINOPATHIES AROUND THE ANKLE

Room London

08.15–09.45

Moderator: Devos Bevernage, Bernhard (Belgium)

Peroneal Tendons: Classical Debridement, Tubularisation, Suture Or Tenodesis

Speaker: Sakellariou, Anthony (United Kingdom)

Use Of Allografts / Autografts In The Treatment Of Peroneal Tendons

Speaker: Devos Bevernage, Bernhard (Belgium)

Surgical Treatment Of Tibialis Ant Tendinopathy

Speaker: Maldague, Pierre (Belgium)

Thursday  
1 June

08:15 – 09:45

Conservative Treatment Of Tibialis Ant Tendinopathy  
Speaker: Michelsson, Oliver (Finland)

Discussion

08:15 – 12:30

## EHS – European Hip Society



### Orthopaedics / Pelvis, Hip & Femur

SPECIALTY & PARTNER SOCIETIES	EHS SESSION	Room Munich
08.15-12.30	Moderators: Schreurs, Willem (Netherlands, The), Siebert, Werner (Germany), Ullmark, Gösta (Sweden)	

Revision Total Hip Arthroplasty

The Risk Of Revision In Specified Patient And Implant Groups  
Speaker: Overgaard, Søren (Denmark)

The Work-Up For A Revision  
Speaker: Ilchmann, Thomas (Switzerland)

Tricks To Remove The Acetabulum Component  
Speaker: Tsiridis, Eleftherios (Greece)

Tricks To Remove The Femur  
Speaker: Karachalios, Theofilos (Greece)

The Approach In Dislocating Hips  
Speaker: Ullmark, Gösta (Sweden)

Can More Metal On The Cup Side Solve The Problem (Jumbo Cup, Oblong Cups, Augments, 3D Scan Cups)  
Speaker: Gehrke, Thorsten (Germany)

And How About More Metal On The Femoral Side (Long Stems, Tumor Prosthesis, Total Femurs)  
Speaker: Baker, Richard (United Kingdom)

Discussion

The New Approaches In Total Hip Arthroplasty

The Anterior Approach And The Outcome Results  
Speaker: Vehmeijer, Stephan (Netherlands, The)

The Superpath And The Outcome Results  
Speaker: Cronin, Michael (United Kingdom)

The Mini Posterior And The Outcome Results  
Speaker: Smith, Evert (United Kingdom)

Total Hips In Young Patients: Are We Heading For Trouble?

A Total Hip At An Age Under 60-Years-Old Is A Real Problem: Nuffield Orthopaedic Centre  
Speaker: Price, Andrew (United Kingdom)

The Problem Of The Total Hip Under 60-Years-Old Can Be Solved  
Speaker: Epinette, Jean (France)

Discussion

THURSDAY  
1 JUNE



Thursday  
1 June

08:30 – 12:00

Orthopaedics / Knee & Lower Leg

ADVANCED THR & TKR COURSE 08.30-12.00 ADVANCED COURSE IN TOTAL KNEE REPLACEMENT Room Vienna

Moderators: Verhaar, Jan (Netherlands, The), Victor, Jan (Belgium), Kort, Nanne (Netherlands, The), Becker, Roland (Germany), Van Hellemond, Gijs (Netherlands, The)

Infections In TKR

How Good Is Imaging In Diagnosing A Periprosthetic Joint Infection?  
Speaker: Hirschmann, Michael Tobias (Switzerland)

Low Grade Perioperative Joint Infection  
Speaker: Schiavone Panni, Alfredo (Italy)

Common Errors In The Management Of PJI  
Speaker: Borens, Olivier (Switzerland)

Discussion

TKR In Deformities And Contractures

Fixed Flexion Contracture  
Speaker: Wymenga, Ate (Netherlands, The)

Post-Traumatic Knee  
Speaker: Troelsen, Anders (Denmark)

Extraarticular Deformity, Including Post HTO  
Speaker: Lustig, Sébastien (France)

Discussion

Femoral Component Alignment

Comparison Of Femoral Component Rotation Between CAS or PSI  
Speaker: De Ladoucette, Aymard (France)

Impact Of Femoral Component Malrotation On Clinical Outcome  
Speaker: Becker, Roland (Germany)

Patellofemoral Tracking  
Speaker: Donell, Simon (United Kingdom)

Discussion

Challenges In Knee Arthroplasty

Young Male Muscular Patient  
Speaker: Parratte, Sébastien (France)

Advanced Rheumatoid  
Speaker: Victor, Jan (Belgium)

Instability Including Hyperextension  
Speaker: Baldini, Andrea (Italy)

Discussion

10:15 – 11:15

Orthopaedics / Pelvis, Hip & Femur

FREE PAPER 10.15-11.15 CEMENTLESS THA Room Lisbon

Moderators: Kärrholm, Johan (Sweden), Maroudias, Nicolaos (Cyprus)

Solid Cup Vs. Cluster Hole In Total Hip Arthroplasty: A 10-Years Randomised Control Trial  
Authors: Gallen, Rory / Khan, Riaz / Haebich, Samantha / Karamfiles, Sharon / Khan, Humza  
Speaker: Gallen, Rory (Ireland)

10:15 – 11:15

Early Migration Of Cementless Highly Porous Tantalum Compared To Titanium Fibre Acetabular Components: A Randomised Controlled Trial

Authors: Solomon, Bogdan / Callary, Stuart / Holubowycz, Oksana / Howie, Donald / Davidson, Jerome  
Speaker: Davidson, Jerome (United Kingdom)

Durom Acetabular Cup: 10-Years Survival Data

Authors: Yassa, Rafik / Sultan, Jawad / Shaath, Mohammed / Mohan, Rama  
Speaker: Yassa, Rafik (United Kingdom)

Mid-Term Outcomes Of A Densitometric Study On Trabecular Titanium Acetabular Cups

Authors: Massari, Leo / Bistolfi, Alessandro / Grillo, Pier Paolo / Borre, Alda / Gigliofiorito, Gaetano / Pari, Carlotta / Francescotto, Andrea / Deledda, Davide / Ravera, Laura / Causero, Araldo  
Speaker: Massari, Leo (Italy)

Discussion

Clinical And Radiographic Outcomes Of A 601 Trabecular Titanium Acetabular Component In Hip Arthroplasty: Medium Follow-Up

Authors: Perticarini, Loris / Benazzo, Francesco  
Speaker: Perticarini, Loris (Italy)

Comparison Of The Occurrence Of Radiolucent Lines Between A Highly Porous Titanium Cup (TritaniumTM) And Hydroxyapatite-Coated Porous Titanium Cup

Authors: Kinoshita, Yutaka / Yoshioka, Shinji / Nakano, Shunji / Nakamura, Masaru / Sairyo, Koichi  
Speaker: Kinoshita, Yutaka (Japan)

5-Years Radiographic Outcomes Of Porous Titanium Coating And Plasma Sprayed Acetabular Shells: A Prospective Multi-Centre Study

Authors: Lindgren, Viktor / Galea, Vincent / Nebergall, Audrey / Greene, Meridith / Bragdon, Charles / Rolfson, Ola / Malchau, Henrik  
Speaker: Lindgren, Viktor (Sweden)

Anatomic Compatibility Of Femoral Intramedullary Implants: A Cadaveric Study

Authors: Bicer, Omer / Huri, Gazi / Tekin, Mustafa / Mirioglu, Akif / Aydin, Ahmet / Tan, Ismet  
Speaker: Bicer, Omer (Turkey)

Discussion

Trauma / Varia Trauma

**DEBATE FORA** **THE INFECTED OSTEOSYNTHESIS – IS PERMANENT DRAINAGE AN OPTION?** **Room Barcelona**  
10.15–11.15 **Moderator: Stöckle, Ulrich (Germany)**

Introduction

Speaker: Stöckle, Ulrich (Germany)

Permanent Drainage Is An Option Instead Of Early Implant Removal

Speaker: Flesch, Ingo (Germany)

Infected Osteosynthesis – Early Implant Removal Is The Only Choice

Speaker: Romanò, Carlo Luca (Italy)

Discussion

ASSOCIATION FOR RATIONAL TREATMENT OF FRACTURES

**ARTOF – Association for the Rational Treatment of Fractures**

**ARTOF**

Trauma / Knee & Lower Leg Trauma

**SPECIALTY & PARTNER SOCIETIES** **UPDATE ON FRACTURES AROUND THE KNEE** **Room Brussels**  
10.15–11.15 **Moderator: Biberthaler, Peter (Germany)**

Fractures Around The Knee: Causes, Diagnosis, And Classifications

Speaker: Waddell, James (Canada)

10:15 – 11:15

Fracture Analysis And Choice Of Surgical Approach  
Speaker: Ruchholtz, Steffen (Germany)

Nailing Vs. Plating In Fractures Around The Knee  
Speaker: Molyneux, Samuel (United Kingdom)

Bone Defect Management In Fractures Of The Proximal Tibia  
Speaker: Hanschen, Marc (Germany)

Worst Case Scenarios – Round Table  
Speaker: Keating, John Francis (United Kingdom)

### General Topics / Education

**FREE PAPER**      **EDUCATION AND HEALTH ECONOMY**      **Room Madrid**  
**10.15–11.15**      **Moderators: Passuti, Norbert (France), Felländer-Tsai, Li (Sweden)**

Generic Cognitive Task Analysis (GCTA) Wizard – A Tool To Train Orthopaedic Trauma Surgeons Of The Future  
Authors: Bhattacharyya, Rahul / Sugand, Kapil / Bhattacharya, Rajarshi / Gupte, Chinmay  
Speaker: Bhattacharyya, Rahul (United Kingdom)

Back Pain: How Much Does It Cost You?  
Authors: Shaath, Mohammed / Loganathan, Deeraj / Sochart, David  
Speaker: Shaath, Mohammed (United Kingdom)

Process Optimisation In Total Knee Replacement Procedures: Clinical And Economic Aspects  
Authors: Von Eiff, Wilfried / Haking, Dennis  
Speaker: Von Eiff, Wilfried (Germany)

Developing Guidance For Blood Tests Reduces Waste And Cost In Acute Trauma And Orthopaedic Patients: A Multi-Centre Evaluation  
Authors: Faulkner, Alastair Charles / Reidy, Mike / Scicluna, Gabrielle / Love, Gavin / Joss, Judith  
Speaker: Faulkner, Alastair Charles (United Kingdom)

Discussion

3D-Printing Rapid Prototyping For Acetabular Fracture Classification And Educating Young Surgeons  
Authors: Li, Ming / Jiang, Yangyang / Sun, Liang / Ren, Cheng / Liu, Deyin / Ma, Teng / Wang, Qian / Xue, Hanzhong / Li, Zhong / Zhang, Kun  
Speaker: Li, Ming (China)

A New Global Ratings Scale For The Assessment And Rating Of Orthopaedic Trauma Skills  
Authors: Vaghela, Kalpesh / Lee, Joshua / Akhtar, Kash  
Speaker: Vaghela, Kalpesh (United Kingdom)

Virtual Reality Fundamentals Of Arthroscopic Surgery Training Programme Improves Knee Arthroscopy Performance  
Authors: Vaghela, Kalpesh / Lee, Joshua / Akhtar, Kash  
Speaker: Vaghela, Kalpesh (United Kingdom)

A Vision Of The Future: Cargo Drones Could Improve Patients Access To Surgery In Low Income Countries  
Authors: Cook, James M / Antonios, Tony  
Speaker: Antonios, Tony (United Kingdom)

Discussion

### General Topics / Biomechanics

**FREE PAPER**      **BIOMECHANICS & METHODOLOGY**      **Room Helsinki**  
**10.15–11.15**      **Moderators: Grimm, Bernd (Netherlands, The), Phillips, Andrew (United Kingdom)**

Externalised Locking Compression Plate As An Alternative To The Unilateral External Fixator: A Biomechanical Comparative Study Of Axial And Torsional Stiffness  
Authors: Ang, Benjamin Fu Hong / Chen, Jerry Yongqiang / Yew, Andy Khye Soon / Chua, Kenon / Chou, Siaw Meng / Chia, Shi-Lu / Koh, Joyce Suang Bee / Howe, Tet Sen  
Speaker: Ang, Benjamin Fu Hong (Singapore)

10:15 – 11:15

What Is The Best Surgical Knot For High-Strength Suture Material? A Biomechanical Study

Authors: Jentzsch, Thorsten / Bachmann, Elias / Lädermann, Alexandre / Lajtai, Georg / Meyer, Dominik C.  
Speaker: Jentzsch, Thorsten (Switzerland)

The Effect Of Peripheral Nervous System In Bone Biomechanics And Maturity Of The Upper Limb

Authors: Gkiatas, Ioannis / Kostas-Agnantis, Ioannis / Agathopoulos, Symeon / Tsouknidas, Alexandros / Papadopoulos, Dimitrios / Lykissas, Marios / Beris, Alexandros / Korompilias, Anastasios  
Speaker: Gkiatas, Ioannis (Greece)

The Effect Of Direct Factor Xa Inhibitor Rivaroxaban On Implant Osseointegration. An Experimental Study On Rats

Authors: Kapetanou, Artemis / Papavasiliou, Kyriakos / Savvidis, Matthaïos / Kenanidis, Eustathios / Kyrkos, John / Kapetanos, George  
Speaker: Kapetanou, Artemis (Greece)

Discussion

Defining Thresholds For Arthroplasty Treatment Success Using The Oxford Hip And Knee Scores

Authors: Hamilton, David / Giesinger, Johannes / Loth, Fanny / Macdonald, Deborah / Patton, James / Simpson, Hamish / Giesinger, Karlmeirad / Howie, Colin  
Speaker: Hamilton, David (United Kingdom)

Inter And Intra-Tester Reliability Of Sensibility Testing In Healthy Individuals

Authors: Bulut, Tugrul / Tahta, Mesut / Sener, Ufuk / Sener, Muhittin  
Speaker: Bulut, Tugrul (Turkey)

Reconstruction Of The Lateral Tibial Plateau Fracture With A Third Triangular Support Screw. A Biomechanical Study

Authors: Moran, Eduardo / Zderic, Ivan / Klos, Kajetan / Simons, Paul / Triana, Miguel / Richards, Geoff / Gueorguiev, Boyko / Lenz, Mark  
Speaker: Zderic, Ivan (Switzerland)

Femoroacetabular Impingement Corrective Surgery Does Not Affect Ground Reaction Force Symmetry During Squat Tasks

Authors: Catelli, Danilo S. / Kowalski, Erik / Phillips, Clara / Beaulé, Paul E. / Lamontagne, Mario  
Speaker: Catelli, Danilo S. (Canada)

Discussion

**Trauma / Hand & Wrist Trauma**

FREE PAPER

**TRAUMA OF THE HAND & WRIST**

Room Florence

10.15-11.15

**Moderators: Pinto, Ana (Portugal), Marzi, Ingo (Germany)**

The Influence Of Sex And Trauma Impact On The Rupture Site Of The Ulnar Collateral Ligament Of The Thumb

Authors: Bösmüller, Sandra / Meznik, Alexander / Rettl, Gregor / Dahm, Falko / Muschitz, Gabriela / Kitzinger, Hugo / Huf, Wolfgang / Bukaty, Adam / Fialka, Christian / Vierhapper, Martin  
Speaker: Bösmüller, Sandra (Austria)

Results Of Distal Radius Core Decompression And Volar Percutaneous Fixation In Scaphoid Non-Unions Without Grafting: A Preliminary Report

Authors: Dedeoglu, Suleyman Semih / Imren, Yunus / Çabuk, Haluk / Tekin, Ali Cagri / Kir, Mustafa Caglar / Ture, Yunus Caglar  
Speaker: Dedeoglu, Suleyman Semih (Turkey)

10- To 15-Years Follow-Up After Distal Radius Fractures. The Relation Between Anatomical Position, Radiological Osteoarthritis And Functional Outcome

Authors: Visser, David / Mathijssen, Nina / Kraan, Gerald  
Speaker: Visser, David (Netherlands, The)

MIPO Technique For Surgical Treatment Of Distal Radius Fractures: Are There Any Benefits?

Authors: Maximov, Boris / Panduntc, Ashot / Shantrukov, Pavel / Dubrov, Vadim  
Speaker: Maximov, Boris (Russia)

Discussion

Bone Size And Regional Volumetric Bone Density Are Significant Risk Factors For Low-Trauma Distal Forearm Fracture In Men

Authors: Hanusch, Birgit C. / Tuck, Stephen / Datta, Harish / Mekkayil, Babitha / Francis, Roger  
Speaker: Hanusch, Birgit C. (United Kingdom)

Thursday  
1 June

10:15 – 11:15

Outcome Following Ligamentotaxor Treatment For Complex Proximal Interphalangeal Joint Fractures

Authors: Stamp, Gregory / Venkataraman, Raja / Hankin, Erin / Auyeung, Jeff

Speaker: Stamp, Gregory (United Kingdom)

Volar Percutaneous Fixation Of Scaphoid Fractures

Authors: Luengo Alonso, Gonzalo / Jimenez Diaz, Veronica / Ferrero Recasens, Jorge / Vacas Sánchez, Elena / Zorrilla Sanchez De Neyra, Jaime / Porras Moreno, Miguel Angel / Cecilia Lopez, David

Speaker: Luengo Alonso, Gonzalo (Spain)

Ellis External Mini-Fixator In The Treatment Of Unstable Boxer's Fractures

Authors: Hart, Radek / Bartekova, Michaela

Speaker: Hart, Radek (Czech Republic)

Discussion

### Orthopaedics / Spine

**INSTRUCTIONAL LECTURE** PRINCIPLES OF CORRECTION MANEUVERS IN THE SURGICAL TREATMENT OF SPINAL DEFORMITIES **Room Nice**

10.15-11.15 Moderator: Aydingöz, Önder (Turkey)

Lecturer: Senköylü, Alpaslan (Turkey)

### Orthopaedics / Musculoskeletal Tumors

**CLINICAL CASES** CLINICAL CASES - MUSCULOSKELETAL TUMORS **Room Geneva**

10.15-11.15 Moderators: Brunello, Antonella (Italy), Mascard, Eric (France)

Reconstruction Of The Ankle After Wide Resection Of Distal Fibula Tumors

Authors: Abbasher, Munzier / Al-Shaya, Osama / Sawan, Hasan / Al-Kenani, Adel / Al-Rumaih, Mohammed / Al-Shaqhaa, Naif

Speaker: Al-Rumaih, Mohammed (Saudi Arabia)

Reconstruction With A Custom-Made 3D-Printed Scapula Endoprosthesis Following Total Scapulectomy For Ewing's Sarcoma: Report On Two Clinical Cases

Authors: Smolle, Maria Anna / Friesenbichler, Jörg / Hubmer, Martin / Leithner, Andreas

Speaker: Smolle, Maria Anna (Austria)

Lower Limb Chondrosarcoma Secondary To Ollier's Disease: A Case Report

Authors: Kase, Anna-Helena / Rull, Alo / Märtson, Aare

Speaker: Kase, Anna-Helena (Estonia)

Metastatic Myxoid Melanoma: A Clinical Case Of Shoulder Disarticulation

Authors: Spinarelli, Antonio / Caizzi, Giovanni / Picca, Girolamo / Cotugno, Domenico / Moretti, Biagio

Speaker: Spinarelli, Antonio (Italy)

Aneurysmatic Bone Cyst Of The Hallux: Diagnostic Challenge And Management Of An Uncommon And Locally Aggressive Presentation

Authors: Arcângelo, Joana / Figueira, Paulo / Grenho, André / Pedrosa, Carlos / Stefanova Alves, Sandra / Jorge, João Pedro / Nogueira, Francisco / Portela, José

Speaker: Arcângelo, Joana (Portugal)

Hand Neurilemoma As A Differential Diagnosis Of A Sports Injury

Authors: Barros, André / Campos, Pedro / Rosa, Bárbara / Karmali, Samir / Almeida, João / Traça, Marina

Speaker: Barros, André (Portugal)

### Trauma / Paediatric Trauma

**FREE PAPER** PAEDIATRIC ELBOW TRAUMA, KNEE AND PELVIC INJURIES **Room Berlin**

10.15-11.15 Moderators: Lascombes, Pierre (Switzerland), Czubak, Jaroslaw (Poland)

Complications Associated With Lateral Humeral Condylar Fractures In Children

Authors: Carbonell, Rafael / Morelada, Luis / Diez, J. / Gonzalez-Morán, Gaspar

Speaker: Carbonell, Rafael (Spain)

10:15 – 11:15

Long-Term Functional Results Of Pink Pulseless Supracondylar Fractures In Children Treated Conservatively

Authors: Carbonell, Rafael / Morelada, Luis / Valencia, Maria / Diez, J.

Speaker: Carbonell, Rafael (Spain)

Study Of Supracondylar Fractures In Patients Over 9-Years-Old. Case Review After 10 Years

Authors: Talavera Buedo, Gloria / Mills, Sarah / Merino Rueda, Luis Rodrigo / Moraleta Novo, Luis

Speaker: Talavera Buedo, Gloria (Spain)

Functional Outcome Of Displaced Intercondylar Fractures Of The Humerus In Children And Adolescents

Authors: Lorenza, Marengo / Canavese, Federico / Alberghina, Flavia / Dimeglio, Alain / Andreatchio, Antonio

Speaker: Canavese, Federico (France)

Discussion

Arthroscopic Treatment Of Tibial Eminence Fractures In Skeletally Mature Adolescents: Review Of 12 Cases

Authors: Oliveira, Márcio / Santos, Filipe / Frias, Miguel / Sousa, Henrique / Carvalho, Paulo

Speaker: Oliveira, Márcio (Portugal)

Paediatric PCL Injuries & Its Management And Long-Term Follow-Up

Authors: Mahajan, Ravindra / Shah, Nishith / Bhatt, Jaymin

Speaker: Mahajan, Ravindra (United Kingdom)

Analysis Of Pelvic Fracture Pattern And Overall Orthopaedic Injury Burden In Children Sustaining Pelvic Fractures Based On Skeletal Maturity

Authors: Shaath, Mohamad / Gibson, Peter / Koury, Kenneth / Lelkes, Valdis / Adams, Mark / Sirkin, Michael / Reilly, Mark

Speaker: Shaath, Mohamad (United States)

High Energy Pelvic Ring Fracture In The Paediatric Population: A New Perspective Of Treatment

Authors: Machado, Sara / Alegrete, Nuno / Freitas, Joana / Oliveira, Paulo / Coutinho, Jorge / Costa, Gilberto

Speaker: Machado, Sara (Portugal)

Discussion

10:15 – 12:30

Trauma / Hip & Femur Trauma

INTERACTIVE  
EXPERT  
EXCHANGE

FIXATION AND REPLACEMENT OPTIONS IN FEMORAL INTRACAPSULAR FRACTURE

Room Copenhagen

Moderator: Randelli, Filippo (Italy)

10.15-12.30

What Is Clear And What Is Not In 2017

Introduction

Speaker: Randelli, Filippo (Italy)

Questions And Presentations

Arthroplasty Vs. Fixation, Especially In The Grey Zone (Age 60-75)

Speaker: Berlusconi, Marco (Italy)

Cannulated Screws Fixation Vs. Dynamic Hip Screws

Speaker: Muñoz Vives, Josep (Andorra)

Cement Or Not Cement, That Is The Question

Speaker: Haddad, Fares (United Kingdom)

Total Or Partial Hip Arthroplasty?

Speaker: García-Rey, Eduardo (Spain)

Double Mobility, Lights And Shadows

Speaker: Guyen, Olivier (Switzerland)

Key Lecture

What Say The National Registers, And The Common Sense, On Femoral Neck Fracture Treatment?

Speaker: Malchau, Henrik (United States)

10:15 – 12:30

Discussion On Clinical Cases

Clinical Case 1  
Speaker: Berlusconi, Marco (Italy)

Clinical Case 2  
Speaker: Muñoz Vives, Josep (Andorra)

Clinical Case 3  
Speaker: Haddad, Fares (United Kingdom)

Clinical Case 4  
Speaker: García-Rey, Eduardo (Spain)

Clinical Case 5  
Speaker: Guyen, Olivier (Switzerland)

Provocateur  
Speaker: Malchau, Henrik (United States)

Provocateur  
Speaker: Isiklar, Ugur (Turkey)

Summary

Conclusions  
Speaker: Randelli, Filippo (Italy)

### Orthopaedics / Shoulder & Upper Arm

INTERACTIVE  
EXPERT  
EXCHANGE

THE INFECTED SHOULDER ARTHROPLASTY  
Moderator: Holzer, Nicolas (Switzerland)

Room Istanbul

10.15–12.30

Introduction  
Speaker: Holzer, Nicolas (Switzerland)

Questions And Presentations

Suspicion Of Infection In Shoulder Arthroplasty  
Speaker: Baring, Tobias (United Kingdom)

Propionobacterium Acnes & Orthopaedic Surgery  
Speaker: Coppens, Elia (Switzerland)

Strategies For Management Of The Infected Shoulder Arthroplasty  
Speaker: TBA, still to confirm

Functional Outcomes After Revision Surgery For Infection In Shoulder Arthroplasty  
Speaker: TBA, still to confirm

Multiple Revision Of Shoulder Arthroplasty  
Speaker: Holzer, Nicolas (Switzerland)

Summary  
Speaker: Holzer, Nicolas (Switzerland)

Discussion On Clinical Cases

Clinical Case 1  
Speaker: Baring, Tobias (United Kingdom)

Clinical Case 2  
Speaker: Coppens, Elia (Switzerland)

Clinical Case 3  
Speaker: TBA, still to confirm

10:15 – 12:30

Clinical Case 4

Speaker: TBA, still to confirm

Clinical Case 5

Speaker: Holzer, Nicolas (Switzerland)

Conclusions

Speaker: Holzer, Nicolas (Switzerland)

### Orthopaedics / Musculoskeletal Infections

INTERACTIVE  
EXPERT  
EXCHANGE  
10.15-12.30

SEPTIC DEFECTS AND NON-UNIONS

Room Paris

Moderator: Malizos, Konstantinos (Greece)

Introduction

Speaker: Malizos, Konstantinos (Greece)

Questions And Presentations

Alternatives In The Management Of Septic Non-Unions And Septic Defects

Speaker: Malizos, Konstantinos (Greece)

Indications & Limitations Of The Masquelet Technique

Speaker: Bégué, Thierry (France)

Indications And Limitations Of The Ilizarov Concept

Speaker: Wagner, Christof (Germany)

Megaprosthesis In The Septic Defects And Non-Unions

Speaker: Calori, Giorgio Maria (Italy)

Summary

Speaker: Malizos, Konstantinos (Greece)

Discussion On Clinical Cases

Clinical Case 1

Speaker: Malizos, Konstantinos (Greece)

Clinical Case 2

Speaker: Bégué, Thierry (France)

Clinical Case 3

Speaker: Wagner, Christof (Germany)

Clinical Case 4

Speaker: Calori, Giorgio Maria (Italy)

Conclusions

Speaker: Malizos, Konstantinos (Greece)

### Orthopaedics / Foot & Ankle

INTERACTIVE  
EXPERT  
EXCHANGE  
10.15-12.30

OSTEOTOMIES AROUND THE ANKLE

Room London

Moderator: Hintermann, Beat (Switzerland)

Introduction

Speaker: Hintermann, Beat (Switzerland)

Questions And Presentations

Supramalleolar Corrections – Opening, Closing, Dome-Shaped, Or Other Osteotomies?

Speaker: Knupp, Markus (Switzerland)



10:15 – 12:30

Inframalleolar Corrections – Sliding, Lengthening, Shortening Osteotomies?

Speaker: Stufkens, Sjoerd (Netherlands, The)

Fibular Corrections – No Or Yes? That Is The Question

Speaker: Krause, Fabian (Switzerland)

The Algorithm For A Varus And A Valgus Ankle

Speaker: Michelsson, Oliver (Finland)

What Can We Expect From Osteotomies Around The Misaligned And Arthritic Ankle?

Speaker: Ruiz, Roxa (Switzerland)

Summary

Speaker: Hintermann, Beat (Switzerland)

Discussion On Clinical Cases

Clinical Case 1

Speaker: Knupp, Markus (Switzerland)

Clinical Case 2

Speaker: Stufkens, Sjoerd (Netherlands, The)

Clinical Case 3

Speaker: Krause, Fabian (Switzerland)

Clinical Case 4

Speaker: Michelsson, Oliver (Finland)

Clinical Case 5

Speaker: Ruiz, Roxa (Switzerland)

Conclusions

Speaker: Hintermann, Beat (Switzerland)

11:30 – 12:30

**Orthopaedics / Pelvis, Hip & Femur**

FREE PAPER

TECHNIQUE IN THA

Room Lisbon

11.30–12.30

Moderators: Trebše, Rihard (Slovenia), Kruczynski, Jacek (Poland)

Long-Term Results Of The Chiari Pelvic Osteotomy

Authors: Chiari, Catharina / Schneider, Eleonora / Distlbacher, Heidrun / Hofstätter, Jochen / Lunzer, Andreas / Peloschek, Philipp / Benesch, Thomas / Kotz, Rainer / Windhager, Reinhard

Speaker: Chiari, Catharina (Austria)

The Overall Survival Rates Of 149 Hips Following Chiari Pelvic Osteotomy: Outcome At A Mean Follow-Up Of 19-Years

Authors: Jelacic, Josko / Buterin, Antea / Vrgoc, Goran / Mihelic, Radovan / Butorac, Zeljko / Tudor, Anton / Sestan, Branko / Jotanovic, Zdravko

Speaker: Jelacic, Josko (Croatia)

Clinical Anatomy Of The Short External Rotators And Significance Of The External Obturator Repair In Primary Total Hip Arthroplasty Through A Posterior Approach

Authors: Kawaguchi, Yasuhiko / Otani, Takuya / Fujii, Hideki / Hayama, Tetsuo / Abe, Toshiomi / Murakami, Hiroshi / Takahashi, Motoi / Amagami, Ayano / Sato, Ryuichi / Marumo, Keishi / Sugiyama, Hajime

Speaker: Otani, Takuya (Japan)

Clinical Results Of THA With Subtrochanteric Femoral Shortening Osteotomy Using V-Shaped Osteotomy Device

Authors: Kabata, Tamon / Kajino, Yoshitomo / Taga, Tadashi / Hasegawa, Kazuhiro / Inoue, Daisuke / Yamamoto, Takashi / Takagi, Tomoharu / Ohmori, Takaaki / Yoshitani, Junya / Ueno, Takuro / Tsuchiya, Hiroyuki

Speaker: Kabata, Tamon (Japan)

Discussion

11:30 – 12:30

The New Evaluation Method Of The Contact Area Between Stem And Cortical Bone After Total Hip Arthroplasty  
 Authors: Ito, Tomoyuki / Shimada, Hayato / Sakai, Yoshinori / Horigome, Yoji / Kitahara, Hiroshi / Shiozaki, Hiroyuki / Minato, Izumi / Domaeh, Youichiro / Endo, Naoto / Wakui, Junichi  
 Speaker: Ito, Tomoyuki (Japan)

Validation Of Inertial Measurement Units With Optical Tracking System In Patients Operated With Total Hip Arthroplasty  
 Authors: Zügner, Roland / Tranberg, Roy / Timperley, A. John / Mohaddes, Maziar / Kärrholm, Johan  
 Speaker: Zügner, Roland (Sweden)

What Is The Reliability Of The CT-based 3D Pre-Operative Planning In Total Hip Arthroplasty Performed Through A Direct Anterior Approach?  
 Authors: Fabre-Aubrespy, Maxime / Pinelli, Pierre-Olivier / Ollivier, Matthieu / Parratte, Sébastien / Argenson, Jean-Noël  
 Speaker: Fabre-Aubrespy, Maxime (France)

Discrepancies Between Pre-Operative Digital Planning And Intraoperative Measurements: Is Pre-Operative Digital Planning For Hip Replacement Reliable?  
 Authors: Lienhard, Christoph / Znamirovski, Jakub / Huber, Jörg  
 Speaker: Lienhard, Christoph (Switzerland)

Discussion

## ESPA – European Society of Pelvis and Acetabulum



### Trauma / Pelvic Trauma

**SPECIALTY & PARTNER SOCIETIES** **PELVIC SURGERY 2017: STANDARDS AND OPEN ISSUES** **Room Barcelona**  
**11.30-12.30** **Moderators: Giannoudis, Peter (United Kingdom), Pohlemann, Timothy (Germany)**

Approaches In Acetabular Surgery: Has Anything Changed?  
 Speaker: Giannoudis, Peter (United Kingdom)

Current Treatment Concepts: Insufficiency Fractures Of The Pelvic Ring  
 Speaker: Lehmann, Wolfgang (Germany)

Current Treatment Concepts: Acetabular Fractures In The Elderly  
 Speaker: Keel, Marius (Switzerland)

Current Treatment Concepts: Arthroplasty After Acetabular Surgery  
 Speaker: Pohlemann, Timothy (Germany)

Periprosthetic Fractures Of The Acetabulum: An Increasing Challenge  
 Speaker: Stöckle, Ulrich (Germany)

Discussion

### Trauma / Knee & Lower Leg Trauma

**FREE PAPER** **PATELLA AND DISTAL FEMUR FRACTURES INCLUDING PERIPROSTHETIC** **Room Brussels**  
**11.30-12.30** **Moderators: Aktuglu, Kemal (Turkey), Bel, Jean-Christophe (France)**

Complications Related To Implant Fixation Of Patellar Fractures: Comparison Of Ring Pins Vs. Bent K-Wires  
 Authors: Kim, Min Bom / Lee, Seung Hoo  
 Speaker: Kim, Min Bom (South Korea)

A Trans-Patellar Approach To Treat Distal Femoral Type C3 Fractures Combined With Patellar Fractures  
 Authors: Kim, Min Bom / Lee, Seung Hoo / Sim, Jae-Ang / Lee, Young Ho  
 Speaker: Kim, Min Bom (South Korea)

Outcomes Of Distal Femoral Periprosthetic Fractures Around A Total Knee Replacement  
 Authors: Jennison, Toby  
 Speaker: Jennison, Toby (United Kingdom)

Thursday  
1 June

11:30 – 12:30

Is Augmented LISS Plating Biomechanically Advantageous In Comparison To Conventional LISS Plating?

Authors: Todorov, Dimitar / Zderic, Ivan / Stoffel, Karl / Richards, Geoff / Lenz, Mark / Enchev, Dian / Gueorguiev, Boyko

Speaker: Gueorguiev, Boyko (Switzerland)

Discussion

Medium Term Results For Primary Total Knee Arthroplasty In Acute Knee Fractures

Authors: Ebied, Ayman Mohamed / Saad, Hany / Marei, Sameh

Speaker: Ebied, Ayman Mohamed (Egypt)

Total Knee Arthroplasty For Distal Femoral Fractures In Osteoporotic Bone: A Systematic Review Of The Literature

Authors: Senthilkumaran, Sriskandarasa / Rankin, Iain / Stevenson, Iain

Speaker: Senthilkumaran, Sriskandarasa (United Kingdom)

Do Pre-Operative Patient-Reported Outcome Measures Predict The Risk Of Periprosthetic Fractures After Primary Total Knee Arthroplasty?

Authors: Lim, Jason Beng Teck / Bin Abd Razak, Hamid Rahmatullah / Zainul Abidin, Suraya / Chong, Hwei Chi / Allen, John Carson / Koh, Joyce Suang Bee / Howe, Tet Sen

Speaker: Lim, Jason Beng Teck (Singapore)

Periprosthetic Fracture After Revision Total Knee Arthroplasty With Stem Extension

Authors: Shin, Jae-Hoon / Chang, Chong Bum / Chang, Moon Jong / Yoon, Chan / Song, Min Kyu / Kim, Su Jin / Choi, Su Hee / Song, Yu Jin / Won, Sung Yeon / Shim, Hanna / Cho, Suk-Hyun / Kang, Seung-Baik

Speaker: Shin, Jae-Hoon (South Korea)

Discussion

### General Topics / Education

**INSTRUCTIONAL LECTURE** TIPS AND TRICKS OF USING INTERNET FOR PROFESSIONAL PURPOSES

Room Madrid

Moderator: Mihalic, Rene (Slovenia)

11.30-12.30

Lecturer: Kucukdurmaz, Fatih (Turkey)

### Trauma / Hip & Femur Trauma

**SYMPOSIUM** AOTRAUMA/AORECON SYMPOSIUM – PERIPROSTHETIC FRACTURES

Room Helsinki

11.30-12.30 Moderators: Monk, Jonathan (United Kingdom), Perka, Carsten (Germany)

Welcome And Introduction

Speaker: Monk, Jonathan (United Kingdom) / Perka, Carsten (Germany)

Epidemiology, Risk Factors, Challenges, Outlook And Classification Of Periprosthetic Hip Fractures

Speaker: Monk, Jonathan (United Kingdom)

Periprosthetic Fractures Around The Acetabulum

Speaker: Babis, George (Greece)

Periprosthetic Fractures Around The Femur

Speaker: Zagra, Luigi (Italy)

Complications In Treating Periprosthetic Fractures Around The Hip

Speaker: Perka, Carsten (Germany)

Case Discussions

### Trauma / Hand & Wrist Trauma

**CLINICAL CASES** CLINICAL CASES – HAND & WRIST TRAUMA

Room Florence

11.30-12.30 Moderators: Herzberg, Guillaume (France), Marzi, Ingo (Germany)

Does Surgical Technique Contribute To Mechanical Failure? Analysis Of Broken Distal Radius Plate

Authors: Kasture, Sarang / Sakamuri, Raj

Speaker: Kasture, Sarang (United Kingdom)

A Rare Complication Of Distal Radius Fracture Operated With External Fixation: Distal Radioulnar Synostosis

Authors: Turgut, Necmettin / Bayram, Serkan / Kendirci, Alper Sukru / Akgul, Turgut / Durmaz, Hayati

Speaker: Akgul, Turgut (Turkey)

Traumatic Dislocation Of The Extensor Carpi Ulnaris Tendon: A Case Report And Revision Of The Literature

Authors: Ferreira, Mariana / Silva, João / Vidinha, Vitor / Almeida, Maria João / Pereira, Pedro / Linhares, Daniela / Negrão, Pedro / Pinto, Rui

Speaker: Ferreira, Mariana (Portugal)

A Novel Method Of Treatment For Mal-United Galeazzi Fracture With Dislocation Of The DRUJ Using A Scarf Type Osteotomy

Authors: Khan, Yasmeen / Kutuzov, Vladislav / Davies, Benjamin / Hourston, George / Johnston, Phillip

Speaker: Khan, Yasmeen (United Kingdom)

Three Week's Old Luxated Fragment Of Scaphoid Fracture In A 23-Years-Old Male: A Case Study

Authors: Ukaj, Skender / Grazhdani, Arben

Speaker: Ukaj, Skender (Kosovo)

A Rare Carpometacarpal Sports Injury – Fracture-Dislocation Of The Hamate And The Base Of The Fourth Metacarpal Bone

Authors: Barros, André / Campos, Pedro / Rosa, Bárbara / Karmali, Samir / Almeida, João / Coutinho, Nuno

Speaker: Barros, André (Portugal)

Orthopaedics / Spine

FREE PAPER

MISCELLANEOUS

Room Nice

11.30–12.30

Moderators: Berk, Haluk (Turkey), Sell, Philip (United Kingdom)

Posterior Only Approach For Lumbar Pyogenic Spondylitis With Short Instrumentation And Prolonged Suction Drainage

Authors: Kim, Yong-Min / Choi, Seung-Myung / Kim, Do-Kyoon

Speaker: Kim, Do-Kyoon (South Korea)

New Surgical Technique Of Modeling Thoracoplasty In Patients With Idiopathic Scoliosis

Authors: Tesakova, Darya / Beletsky, Alexander / Tesakov, Dmitry

Speaker: Tesakova, Darya (Belarus)

Can BMI Predict Depth Of Surgical Field In Single Level Lumbar Discectomy

Authors: Shafqat, Aseer / Mccabe, John

Speaker: Shafqat, Aseer (Ireland)

Factors Related To The Progression Of Hip Osteoarthritis In Patients After The Surgery Of Spinal Long Fusion

Authors: Koyama, Hiroshi / Hoshino, Hironobu / Togawa, Daisuke / Nishikino, Shoichi / Takahashi, Massaki / Matsuyama, Yukihiro

Speaker: Koyama, Hiroshi (Japan)

Discussion

Spinal Column Infections: A Rare Complications Of Endovascular Aortic Repair (EVAR) Surgery; 11-Years Experience From A Single Centre

Authors: Lakkol, Sandesh / Lyons, Oliver / Price, Nicolas / Lucas, Jonathan

Speaker: Lakkol, Sandesh (United Kingdom)

Impact Of Chronic Implant Infection On Spinal Pedicle Screw Loosening

Authors: Leitner, Lukas / Malaj, Isabella / Amerstorfer, Florian / Sunitsch, Sandra / Sadoghi, Patrick / Leithner, Andreas / Radl, Roman

Speaker: Leitner, Lukas (Austria)

Impact Of Type Of Venous-Thromboembolism Prophylaxis On Surgical Site Infections And Other Complications In Adult Elective Thoracolumbar Spinal Surgery

Authors: Fawi, Hassan / Saba, Kiro / Cunningham, Andrew / Masud, Saqib / Lewis, Megan / Hossain, Munier / Chopra, Iqroop / Ahuja, Sashin

Speaker: Fawi, Hassan (United Kingdom)

Spinal Infections: Analysis Of 600 Patients Over 11 Years

Authors: Abdelrahman, Hamdan

Speaker: Abdelrahman, Hamdan (Egypt)

Discussion

Thursday  
1 June

11:30 – 12:30

Orthopaedics / Musculoskeletal Tumors

INSTRUCTIONAL LECTURE

MALIGNANT TUMORS OF THE FOOT

Room Geneva

Moderator: Cannon, Stephen R. (United Kingdom)

11.30-12.30

Lecturer: Mascard, Eric (France)

Trauma / Paediatric Trauma

FREE PAPER

SPORTS INJURIES MEET FOREARM TRAUMA

Room Berlin

11.30-12.30

Moderators: Cassiano Neves, Manuel (Portugal), Møller-Madsen, Bjarne (Denmark)

Are Sports Injuries In The Portuguese Teenage Population A Major Cause Of Health Distress?

Authors: Caldeira, José Miguel / Cassiano Neves, Manuel / Ferreira, Diana / Silva, Marisa / Mendonça, Nuno

Speaker: Caldeira, José Miguel (Portugal)

Radiographic Predictors Of Instability In Salter-Harris II Fractures Of The Distal Radius

Authors: Brennan, Adrian / Macdonald, Hamish / Engelke, Daniel

Speaker: Brennan, Adrian (United Kingdom)

The Safe And Timely Reduction Of Paediatric Forearm Fractures In The Emergency Department Using Intranasal Diamorphine

Authors: Dimock, Richard / Shafafy, Roozbeh / Ellis, Kirsty / Patel, Bhavesh / Solan, Matthew

Speaker: Dimock, Richard (United Kingdom)

Conservative Treatment Of Diaphyseal Fractures Of The Forearm In Children: Are All The Fractures The Same?

Authors: Núñez De Armas, Joaquín / Moraleda Novo, Luis / Vaquero Picado, Alfonso / Gil Garay, Enrique

Speaker: Núñez De Armas, Joaquín (Spain)

Discussion

Comparison Of Rigid Synthetic Casts With Soft (Semi-Rigid) Casts For The Treatment Of Minimally-Displaced Forearm Fractures In Children – A Randomised Controlled Trial

Authors: Williams, Nicole / Bakshi, Mihir / Chase, Helen / Antoniou, Georgia / Horwood, Kory / Webb, Kylie / Cundy, Peter

Speaker: Bakshi, Mihir (Australia)

Long-Term Results After Sustaining A Monteggia Fracture-Dislocation During Childhood

Authors: Núñez De Armas, Joaquín / Moraleda Novo, Luis / Cuadrado Rubio, Luis / Valencia, Maria / Barco, Raúl / Gil Garay, Enrique

Speaker: Núñez De Armas, Joaquín (Spain)

Post-Traumatic Forearm Non-Union In Healthy Skeletally Immature Children: A Report On 15 Cases

Authors: Trisolino, Giovanni / Stilli, Stefano / Di Gennaro, Giovanni Luigi

Speaker: Trisolino, Giovanni (Italy)

Paediatric Fractures Through The Eyes Of Parents: An Observational Study

Authors: Sofu, Hakan / Gursu, Sarper / Kockara, Nizamettin / Issin, Ahmet / Oner, Ali / Camurcu, Yalkin

Speaker: Sofu, Hakan (Turkey)

Discussion

12:45 – 13:15

General Topics / Biomechanics

EFORT ERWIN MORSCHER HONORARY LECTURE

DEVELOPMENT OF PATIENT-SPECIFIC RECONSTRUCTIVE METHODS USING ADVANCED IMAGING AND BIOMECHANICAL MODELING TECHNIQUES

Room Vienna

Moderator: Verhaar, Jan (Netherlands, The)

12.45-13.15

Speaker: Verdonshot, Nico (Netherlands, The)

15:00 – 16:30

Orthopaedics / Knee & Lower Leg

**SYMPOSIUM**      **MANAGEMENT OF KNEE INJURIES IN PROFESSIONAL ALPINE SKIERS**      Room Lisbon

15.00–16.30      **Moderators: Neyret, Philippe (France), Fink, Christian (Austria)**

FIS Surveillance Data

Speaker: Strauss, Marc (Norway)

Swiss Experience

Speaker: Menetrey, Jacques (Switzerland)

Austrian Experience

Speaker: Fink, Christian (Austria)

The Norwegian Approach On Injury Management, Treatment And Return To Alpine Skiing

Speaker: Stjernen, Maren (Norway)

Discussion

Orthopaedics / Knee & Lower Leg

**SYMPOSIUM**      **STIFF KNEE AFTER TKA: HOW TO DEAL WITH?**      Room Munich

15.00–16.30      **Moderator: Benazzo, Francesco (Italy)**

Stiff Knee After TKA: Causes And Diagnosis

Speaker: Argenson, Jean-Noël (France)

Stiff Knee After TKA: How To Prevent? (From Pre-Operative Patient Evaluation To Surgical Tips)

Speaker: Wymenga, Ate (Netherlands, The)

Stiff Knee After TKA: Algorithm Of Solutions For Each Cause Of Stiffness

Speaker: Klauser, Wolfgang (Germany)

Stiff Knee After Revision TKA: How To Prevent Recurrence Of The Revised Stiff Knee?

Speaker: Thienpont, Emmanuel (Belgium)

Discussion

Trauma / Hip & Femur Trauma

**SYMPOSIUM**      **FEMORAL NECK FRACTURES IN YOUNG ADULTS**      Room Barcelona

15.00–16.30      **Moderator: Bel, Jean-Christophe (France)**

Classification. Early Or Delayed Fixation: Pros And Cons

Speaker: Bail, Hermann (Germany)

When And How To Perform Closed Or Open Reduction?

Speaker: Kinik, Hakan (Turkey)

Fixation Device Choice

Speaker: Muñoz Vives, Josep (Andorra)

Results. Recommended Guidelines

Speaker: Sitnik, Alexandre (Belarus)

Discussion

Trauma / Knee & Lower Leg Trauma

**COMPLEX CASE DISCUSSION**      **JOINT REPLACEMENT AFTER KNEE FRACTURES**      Room Brussels

15.00–16.30      **Moderator: Josten, Christoph (Germany)**

TKA After Periprosthetic Fractures

Speaker: Wirtz, Dieter Christian (Germany)

15:00 – 16:30

Total Knee Arthroplasty In Acute And Delayed Fracture Situation Of The Distal Femur  
Speaker: Bühren, Volker (Germany)

Tibial Plateau Fracture And Arthroplasty: Indications And Technique  
Speaker: Josten, Christoph (Germany)

Pathologic Fractures And Primary Arthroplasty – Are There Special Facts To Be Considered?  
Speaker: Windhager, Reinhard (Austria)

Discussion

### General Topics / Health Economy

**SYMPOSIUM** **PAY FOR PERFORMANCE** **Room Madrid**

**15.00-16.30** **Moderators: Verhaar, Jan (Netherlands, The), Günther, Klaus-Peter (Germany)**

P4P, Value-Based Purchasing And Other Reimbursement Trends: What Must An Orthopaedic Surgeon Know?  
Speaker: Günther, Klaus-Peter (Germany)

What Is Performance And Value In Orthopaedic Surgery And How Can We Measure It?  
Speaker: Karachalios, Theofilos (Greece)

Which Role Has Quality-Based Reimbursement In Member Countries Of The Nordic Orthopaedic Federation?  
Speaker: Felländer-Tsai, Li (Sweden)

Experience With Cost Control Models From Great Britain: What Did Orthopaedic Surgeons Learn?  
Speaker: Limb, David (United Kingdom)

Bundled Payment And Other Trends In The United States – Can We Learn From Our Neighbours?  
Speaker: Williams, Gerald (United States)

Round Table Discussion: Pros Et Cons Of Value-Based Purchasing

### Orthopaedics / Spine

**FREE PAPER** **DEGENERATIVE SPINE** **Room Nice**

**15.00-16.30** **Moderators: Sell, Philip (United Kingdom), Kaczmarczyk, Jacek (Poland)**

Clinical Outcomes After Minimally Invasive Transforaminal Lumbar Interbody Fusion And Lateral Lumbar Interbody Fusion For Treatment Of Degenerative Lumbar Disease: A Systematic Review And Meta-Analysis  
Authors: Kongtharvonskul, Jatupon  
Speaker: Kongtharvonskul, Jatupon (Thailand)

Analysis Of The Predictors Of Surgical Outcomes After Double-Door Laminoplasty For Cervical Spondylotic Myelopathy: Focusing On The Pre-Operative Local Dynamic Factors And A Change In Signal Intensity Of Intramedullary Spinal Cord On MRI  
Authors: Miyazaki, Masashi / Notani, Naoki / Ishihara, Toshinobu / Kanezaki, Shozo / Tsumura, Hiroshi  
Speaker: Miyazaki, Masashi (Japan)

Changes In Ambulation And Quality Of Life In Patients With Altered Sagittal Balance Of The Spine  
Authors: Gonzalez Miguez, Paula / Idelsohn Zielonka, Sebastian / Koch, Martin / Molina Ros, Antonio / Saló, Guillem  
Speaker: Saló, Guillem (Spain)

Does A Previous Total Hip Replacement Influence Patient-Reported Outcomes In Patients Undergoing Low Back Surgery?  
Authors: Eneqvist, Ted / Bülow, Erik / Nemes, Szilard / Brisby, Helena / Garellick, Göran / Frizell, Peter / Rolfson, Ola  
Speaker: Eneqvist, Ted (Sweden)

Discussion

The Reoperation Rates After Anterior Fusion And Laminoplasty Of The Cervical Spine: A 26-Years Period Survival Function Analysis  
Authors: Hashimoto, Ko / Aizawa, Toshimi / Kanno, Haruo / Itoi, Eiji / Kokubun, Shoichi  
Speaker: Hashimoto, Ko (Japan)

15:00 – 16:30

The Cauda Equina Syndrome Treated By Surgical Decompression: The Influence Of The Pre-Operative Latency Time On Clinical Outcome

Authors: Pombo, Bruno / Ferreira, Filomena / Areias, Margarida / Pinheiro, Ana / Oliveira, Carolina / Gonçalves, Paulo  
Speaker: Pombo, Bruno (Portugal)

Spinal Stenosis Reduces Physical Activity To Levels Associated With Increased Health Risks

Authors: Stoffels, Anouk / Lipperts, Matthijs / Van Hemert, Wouter / Rijkers, Kim / Grimm, Bernd  
Speaker: Grimm, Bernd (Netherlands, The)

Finite Element Analysis In Different Morphotype Of Spine Sagittal Balance

Authors: Cacciola, Giorgio / Filardi, Vincenzo / Milardi, Demetrio / Ciccolo, Francesco / De Meo, Federico / Pisani, Alessandro / Cavaliere, Pietro  
Speaker: Cacciola, Giorgio (Italy)

Discussion

Changes In Gait Patterns And Gait Asymmetry During A Six-Minute Walking Test In Patients With Symptomatic Lumbar Spinal Stenosis

Authors: Loske, Stefan / Schraknepper, Anja / Schären, Stefan / Nüesch, Corina / Mündermann, Annegret / Netzer, Cordula  
Speaker: Loske, Stefan (Switzerland)

Subsidence In Extreme Lateral Interbody Fusion (XLIF) - Not Necessarily A Bad Thing: A 2-Years Prospective Outcome Study

Authors: Goh, Keng Meng Jeremy / Liow, Lincoln / Ling, Marcus / Yeo, William / Guo, Chang Ming  
Speaker: Goh, Keng Meng Jeremy (Singapore)

Is Laminectomy Still Relevant For The Treatment Of Lumbar Stenosis?

Authors: Fonseca Mafra, Ines Sofia / Silva, Fernando / Pimenta, Jorge / Barroso, Rogério / Franco, José  
Speaker: Fonseca Mafra, Ines Sofia (Portugal)

Anterior Lumbar Surgery In Elderly Patients Over 75: Results And Complications In A Series Of 49 Patients

Authors: Laghmouche, Nadir / Dubory, Arnaud / Allain, Jerome / Poignard, Alexandre / Flouzat Lachaniette, Charles Henri  
Speaker: Laghmouche, Nadir (France)

Discussion

### Orthopaedics / Musculoskeletal Tumors

SYMPOSIUM

ADVANCES IN THE TREATMENT OF SOFT-TISSUE SARCOMAS

Room Geneva

15.00-16.30

Moderator: Ruggieri, Pietro (Italy)

Introduction And Classification Of Soft-Tissue Sarcomas

Speaker: Cannon, Stephen R. (United Kingdom)

Principles Of Surgery

Speaker: Ruggieri, Pietro (Italy)

Advances In Chemotherapy And Targeted Therapies

Speaker: Brunello, Antonella (Italy)

The Role Of Radiotherapy Integrated With Surgery

Speaker: Leithner, Andreas (Austria)

Discussion

### General Topics / Education

SYMPOSIUM

EFFECTIVE PUBLISHING: HOW TO IMPROVE YOUR CHANCES?

Room Berlin

15.00-16.30

Moderator: Haddad, Fares (United Kingdom)

Making The Right Choices

Speaker: Haddad, Fares (United Kingdom)

Study Design And Registration

Speaker: Simpson, Hamish (United Kingdom)



15:00 – 16:30

High Level Studies And The Problems To Overcome  
Speaker: Griffin, Xavier (United Kingdom)

Big Data – Pros And Cons  
Speaker: Liddle, Alexander (United Kingdom)

Getting Your Abstract / Paper Accepted  
Speaker: Oussedik, Sam (United Kingdom)

Plagiarism And Other Key Things To Avoid  
Speaker: Hoffmeyer, Pierre (Switzerland)

Education Through The Peer-Reviewed Literature  
Speaker: Konan, Sujith (United Kingdom)

Discussion

### Trauma / Shoulder & Upper Arm Trauma

FREE PAPER

SURGICAL TREATMENT

Room Copenhagen

15.00-16.30

Moderators: Frich, Lars Henrik (Denmark), Moursy, Mohamed (Germany)

Positioning Radial And/Or Axillary Nerve Underneath A Molded Plate-Osteosynthesis For Treatment Of Humeral Shaft Fractures: Impact On Outcome  
Authors: Stevens, Nikita / Putzeys, Guy Emile  
Speaker: Putzeys, Guy Emile (Belgium)

Displaced Humeral Shaft Fracture. Anterolateral Approach And Two Plates Fixation. Evaluation Of Union And Complications  
Authors: Menez, Clement / Nallet, Jeremie / Kielwasser, Hugo / Loisel, François / Leclerc, Gregoire / Sergent, Pauline / Obert, Laurent  
Speaker: Menez, Clement (France, Metropolitan)

New Concept Of Intramedullary Nail For Stabilising Humeral Shaft Fractures  
Authors: Deszczynski, Jaroslaw Michal / Deszczynski, Jaroslaw  
Speaker: Deszczynski, Jaroslaw Michal (Poland)

Arthroscopy-Assisted Vs. Standard Intramedullary Nail Fixation In Diaphyseal Fractures Of The Humerus  
Authors: Dedeoglu, Suleyman Semih / Imren, Yunus / Çabuk, Haluk / Tekin, Ali Cagri / Pehlivan, Ali Tufan / Gurbuz, Hakan  
Speaker: Dedeoglu, Suleyman Semih (Turkey)

Discussion

Long-Term Results Of Non-Anatomical Reconstruction Of Proximal Humerus  
Authors: Fulin, Petr / Sosna, Antonin / Pokorny, David / Stefan, Jan / Jahoda, David  
Speaker: Fulin, Petr (Czech Republic)

Incidence Of Scapulothoracic Dyskinesia And Rotator Cuff Failure In High Demanding Patients With Three Fragments Fracture Of Proximal Humeral Head Treated With Intramedullary Nail Or Plate And Screws  
Authors: Pulcinelli, Ferdinando Maria / Benedetti Valentini, Matteo / Emanuele, Giovanni / Alberti, Francesco / Bernardi, Gabriele / Tudisco, Cosimo  
Speaker: Pulcinelli, Ferdinando Maria (Italy)

Non-Surgical Treatment For Three-Part Fractures Of The Proximal Humerus: A Retrospective Cohort Study  
Authors: Chronopoulos, Efstathios / Markatos, Konstantinos / Nikolaou, Vasileios / Sourlas, Ioannis / Babis, George  
Speaker: Chronopoulos, Efstathios (Greece)

Cortical Index As A Hardware Failure Predictor In Proximal Humeral Fractures  
Authors: Ângelo, Ana Catarina / Teixeira, Raquel / Fernandes, Pedro / Rodeia, Joaquim / Campos, Bárbara / Madail, Carla  
Speaker: Ângelo, Ana Catarina (Portugal)

Discussion

Is It Still Crucial To Choose Between HA And RSA In Patients Over 70 With Complex Proximal Humeral Fractures? A Functional Comparative Study  
Authors: Novi, Michele / Rosati, Marco / Bonicoli, Enrico / Simonetti, Matteo / Poggetti, Andrea / Lisanti, Michele  
Speaker: Novi, Michele (Italy)

15:00 – 16:30

The Reverse Shoulder Arthroplasty As First Surgical Treatment Of Complex Fractures Of The Proximal Humerus In Elderly Patients

Authors: Spoliti, Marco / Pulcinelli, Ferdinando Maria / Bernardi, Gabriele / Rossetti, Francesca Romana / Chiossi, Silvio  
Speaker: Pulcinelli, Ferdinando Maria (Italy)

Reverse Total Shoulder Replacement For Acute Proximal Humeral Fractures In Patients Over 70 Years

Authors: Levy, Ofer / Arealis, Georgios / Atoun, Ehud / Tsvieli, Oren / Polyzois, Ioannis / Abraham, Ruben / Sforza, Giuseppe / Bruguera, Juan  
Speaker: Levy, Ofer (United Kingdom)

Reversed Total Shoulder As A Treatment For 3- And 4-Part Fractures Of The Proximal Humerus

Authors: Van Raebroeckx, Antoon C. / Ruetten, Peter  
Speaker: Van Raebroeckx, Antoon C. (Belgium)

Discussion

### Orthopaedics / Knee & Lower Leg

FREE PAPER

KEY FACTORS IN ACL RECONSTRUCTION

Room Istanbul

15.00–16.30

Moderators: Hirschmann, Michael Tobias (Switzerland), Eldridge, Jonathan (United Kingdom)

Does Medial Meniscus Removal Affect ACL-Deficient Knee Laxity? An In Vivo Biomechanical Study

Authors: Grassi, Alberto / Marcheggiani Muccioli, Giulio Maria / Signorelli, Cecilia / Bonanzinga, Tommaso / Bragonzoni, Laura / Romagnoli, Matteo / Maracchi, Maurizio / Zaffagnini, Stefano  
Speaker: Marcheggiani Muccioli, Giulio Maria (Italy)

Meniscal Suture: Is Debridement Necessary?

Authors: Jenny, Jean-Yves / Hazapar, Nicolae  
Speaker: Hazapar, Nicolae (France)

When Shall We Reconstruct The Anterolateral Ligament In ACL Surgery? An In Vivo Study

Authors: Hart, Radek / Komzak, Martin  
Speaker: Hart, Radek (Czech Republic)

Over-The-Top ACL Reconstruction Plus Extraarticular Lateral Tenodesis With Hamstrings. Prospective Clinical And Radiographic Evaluation With 20-Years Minimum Follow-Up

Authors: Zaffagnini, Stefano / Marcheggiani Muccioli, Giulio Maria / Grassi, Alberto / Raggi, Federico / Roberti Di Sarsina, Tommaso / Carbone, Giuseppe / Bondi, Alice / Bragonzoni, Laura / Maracchi, Maurizio  
Speaker: Marcheggiani Muccioli, Giulio Maria (Italy)

Discussion

Short-Term Results Of Partial Anterior Cruciate Ligament Tears Repaired And Augmented With Fibre Tape

Authors: Malik, Mudasir / Valsamis, Epaminondas / Lwin, Michael  
Speaker: Malik, Mudasir (United Kingdom)

Quantification Of Muscular Coactivation During Knee Extension In Patients With Anterior Cruciate Ligament Injury

Authors: Teixeira De Sousa Filho, Pedro Guilme / Cossich, Victor / Aquino Pazos, Juan Daniel / Gribel Carneiro, Bernardo / Barretto, João Mauricio / Salles, José Inácio  
Speaker: Teixeira de Sousa Filho, Pedro Guilme (Brazil)

Correlation Between Graft Size And Anthropometric Data Prior To ACL Surgery

Authors: Widhalm, Harald / Röggl, Veronika / Schett, Benjamin / Reschl, Martin  
Speaker: Widhalm, Harald (Austria)

Effect Of Platelet-Rich Plasma On Prevention Of Tunnel Enlargement In Anterior Cruciate Ligament (ACL)

Authors: Sözkese, Serkan / Karahan, Huseyin Gokhan / Kurtulmus, Ahmet / Kayali, Cemil / Altay, Taskin  
Speaker: Kayali, Cemil (Turkey)

Discussion

Anatomical Variations In The Tibial Insertion Of The Anterior Cruciate Ligament. A MRI Study

Authors: Magill, Henry / Cullen, Clare / Jain, Neil  
Speaker: Magill, Henry (United Kingdom)

15:00 – 16:30

Tunnel Position Of Remnant Preserving Anterior Cruciate Ligament Reconstruction Evaluated By Three-Dimensional Computed Tomography: Comparison Between Split And Non-Split Remnant Preserving Technique

Authors: Lee, Myung Chul / Han, Hyuk-Soo / Kwak, Yoon-Ho / Park, Jung Hwan

Speaker: Lee, Myung Chul (South Korea)

Comparing Transtibial And Anteromedial Drilling Techniques For Single-Bundle Anterior Cruciate Ligament Reconstruction

Authors: Sukur, Erhan / Akman, Yunus Emre / Senel, Ahmet / Unkar, Ethem Ayhan / Topcu, Huseyin Nevzat / Ozturkmen, Yusuf

Speaker: Senel, Ahmet (Turkey)

Custom Anatomical 3D Printed Patient-Specific ACL Femoral Tunnel Guide From MRI: A Proof Of Concept Study

Authors: Rankin, Iain / Rehman, Haroon / Frame, Mark

Speaker: Rankin, Iain (United Kingdom)

Discussion

## ESTROT- European Society Of Tissue Regeneration In Orthopaedics And Traumatology



### General Topics / Quality Management

<b>SPECIALTY &amp; PARTNER SOCIETIES</b>	<b>THE IMPACT OF INFECTION ON BONE HEALING</b>	<b>Room Paris</b>
<b>15.00-16.30</b>	<b>Moderator: Bégué, Thierry (France)</b>	

Introduction

Speaker: Schmidmaier, Gerhard (Germany)

Implications Of Infection At The Molecular And Cellular Level: What Do We Know?

Speaker: Giannoudis, Peter (United Kingdom)

Can Fractures Still Heal In The Presence Of Infection: What Is The Evidence?

Speaker: Bégué, Thierry (France)

Strategies To Suppress / Eradicate Infection: Do They Work?

Speaker: Hernigou, Philippe (France)

Case Presentation And Group Discussion With Co-Founders

Speaker: Calori, Giorgio Maria (Italy)

### Orthopaedics / Foot & Ankle

<b>FREE PAPER</b>	<b>ANKLE DO AND HINDFOOT DISORDERS</b>	<b>Room London</b>
<b>15.00-16.30</b>	<b>Moderators: Tourné, Yves (France), Trnka, Hans-Jörg (Austria)</b>	

Supramalleolar Osteotomy: A Joint-Preserving Option For Advanced Ankle Osteoarthritis

Authors: Karpe, Prasad / Tangirala, Ravishankar / Limaye, Rajiv

Speaker: Karpe, Prasad (United Kingdom)

The Long-Term Outcomes Of Arthroscopic Ankle Arthrodesis And The Prevalence Of Adjacent Degenerative Joint Disease

Authors: Sinclair, Victoria / O'Leary, Edmund / Pentlow, Alanna / Hepple, Steve / Harries, Bill / Winson, Ian

Speaker: Sinclair, Victoria (United Kingdom)

Location Of Sural Nerve In Relations To Achilles Tendon. Anatomical Study

Authors: Kuligowski, Lukasz / Lipinski, Lukasz / Synder, Marek

Speaker: Kuligowski, Lukasz (Poland)

Single Step Arthroscopic Repair With Cell-Free Polymer-Based Scaffold In Osteochondral Lesions Of The Talus: Surgical Technique And Results

Authors: Kanatli, Ulunay / Eren, Ali / Eren, Toygun Kagan / Geylan, Dilan Ece / Vural, Abdurrahman / Öner, Ali Yusuf

Speaker: Eren, Ali (Turkey)

Discussion

15:00 – 16:30

Transfibular Ankle Fusion With Centralised Retrograde Fibula In Unstable Charcot Ankle  
Authors: Abdel Mawla, Tamer / Abdel Khalek, Mostafa / Abdelnaby, Wail Lofty / Maaty, Medhat Tawfik  
Speaker: Abdel Mawla, Tamer (Egypt)

Mid-Term Results Of Calcaneal Osteotomy And FDL Tendon Transfer In Stage IIB Adult Acquired Flatfoot Deformity  
Authors: Chauhan, Amit / Karpe, Prasad / Limaye, Rajiv  
Speaker: Karpe, Prasad (United Kingdom)

2- To 14-Years Results In Total Ankle Arthroplasty Using The Tornier Salto Prosthesis  
Authors: Stöbich, Michael / Ruhs, Bernhard / Böhler, Nikolaus  
Speaker: Stöbich, Michael (Austria)

Comparison Of Intraoperative Radiation Doses For Three Different Total Ankle Arthroplasty Implants  
Authors: Wilson, Scott / Ballal, Moez / Vasukutty, Nijil / Pillai, Anand  
Speaker: Wilson, Scott (United Kingdom)

Discussion

Supramalleolar Osteotomy For Tibial Component Malposition In Total Ankle Replacement  
Authors: Deforth, Manja / Krähenbühl, Nicola / Zwicky, Lukas / Knupp, Markus / Hintermann, Beat  
Speaker: Deforth, Manja (Switzerland)

Microfracture May Reduce Radiologic And Clinical Outcomes Of Ankle Distraction Arthroplasty At Med-Term Follow-Up  
Authors: Gianakos, Arianna / Haring, R. Sterling / Kennedy, John  
Speaker: Gianakos, Arianna (United States)

Moderate Term Outcomes Of Flexor Digitorum Longus Transfer, Calcaneal Osteotomy And Debridement Of Tendon For Early Tibialis Posterior Tendon Dysfunction  
Authors: Mahajan, Ravindra / El Ashry, Saad / Dalal, Rakesh  
Speaker: Mahajan, Ravindra (United Kingdom)

Flatfoot Correction With Lateral Subtalar Arthroereisis In Children And Adolescents  
Authors: Beletsky, Alexander / Anosov, Viktor / Koshman, Gennadij  
Speaker: Anosov, Viktor (Belarus)

Discussion

15:00 – 18:00

Orthopaedics / Pelvis, Hip & Femur

ADVANCED THR & TKR COURSE 15.00-18.00 ADVANCED COURSE IN TOTAL HIP REPLACEMENT Room Vienna

Moderators: Kjaersgaard-Andersen, Per (Denmark), Zagra, Luigi (Italy), Ullmark, Gösta (Sweden), Tsiridis, Eleftherios (Greece), Macheras, George (Greece)

Infection

The Challenge Of The Diagnosis Of Infected THA  
Speaker: Zagra, Luigi (Italy)

One-Stage Or Two-Stage Revision  
Speaker: Cordero Ampuero, José (Spain)

The Management Of Bone Loss In Infection  
Speaker: Gehrke, Thorsten (Germany)

Discussion

Clinical Cases Presentation  
Speaker: Romanò, Carlo Luca (Italy)

Revision Total Hip Replacement With Large Bone Loss

Which Type Of Implant  
Speaker: Wirtz, Dieter Christian (Germany)

Thursday  
1 June

15:00 – 18:00

How To Restore An Adequate Bone Stock  
Speaker: Schreurs, Willem (Netherlands, The)

Role And Limitations Of Mega-Implants And Custom Made  
Speaker: Kjaersgaard-Andersen, Per (Denmark)

Discussion

Clinical Cases Presentation  
Speaker: Tokgozoglu, Mazhar (Turkey)

Periprosthetic Femoral Fractures

Classification And Algorithm Of Treatment  
Speaker: Haddad, Fares (United Kingdom)

Principles Of Internal Fixation Of Periprosthetic Fractures  
Speaker: Stoffel, Karl (Switzerland)

Revision Strategies  
Speaker: Karachalios, Theofilos (Greece)

Discussion

Clinical Cases Presentation  
Speaker: Perka, Carsten (Germany)

15:00 – 18:30

## FORTE – Federation Of Orthopaedic Trainees In Europe



### General Topics / Education

<b>SPECIALTY &amp; PARTNER SOCIETIES</b>	<b>FORTE SESSION</b>	<b>Room Helsinki</b>
15.00-18.30	Moderators: Bonanzinga, Tommaso (Italy)	

Instructional Lecture 1  
Moderators: Bonanzinga, Tommaso (Italy), Ryan, Daniel John (United Kingdom)

EFORT, FORTE And Training In Europe  
Speaker: Limb, David (United Kingdom)

Instructional Lecture 2  
Moderators: Bonanzinga, Tommaso (Italy), Vide, João (Portugal)

The EBOT Exam  
Speaker: Mineiro, Jorge (Portugal)

Instructional Lecture 3  
Moderators: Cauto, André (Portugal), Diallo, Jasmin (Switzerland)

ESRO And FORTE: The Future  
Speaker: Huri, Gazi (Turkey)

Free Paper Presentations  
Moderators: Ryan, Daniel John (United Kingdom), Diallo, Jasmin (Switzerland)

Free Paper 1  
Speaker: TBA, still to confirm

Free Paper 2  
Speaker: TBA, still to confirm

General Assembly

Thursday  
1 June

15:00 – 18:30

**SECEC – European Society for Surgery of the Shoulder and Elbow**



**Orthopaedics / Shoulder & Elbow**

<b>SPECIALTY &amp; PARTNER SOCIETIES</b>	<b>BONE DEFECTS IN TRAUMATIC CONDITIONS OF THE SHOULDER AND ELBOW</b>	<b>Room Florence</b>
15.00–18.30	Moderators: Wambacher, Markus (Austria), Arora, Rohit (Austria)	

Part 1: Bone Defects Of The Shoulder

Bone Defect Associated To Shoulder Instability

Speaker: Wambacher, Markus (Austria)

Bone Defect Associated To Proximal Humeral Fracture

Speaker: Hengg, Clemens (Austria)

Bone Defect Associated To Revision Arthroplasty

Speaker: Kralinger, Franz (Austria)

Novel Methods Of Filling Bone Defects

Speaker: Reilly, Peter (United Kingdom)

Discussion

Part 2: Trauma Of The Elbow

Approach To The Elbow

Speaker: Hackl, Michael (Germany)

Fracture Of The Distal Humerus

Speaker: Plecko, Michael (Austria)

Fracture Dislocation Of The Elbow

Speaker: Arora, Rohit (Austria)

Post-Traumatic Stiff Elbow

Speaker: Greiner, Stefan (Germany)

Discussion

17:00 – 18:30

**Orthopaedics / Knee & Lower Leg**

<b>SYMPOSIUM</b>	<b>PREVENTION AND ORTHOPAEDIC MANAGEMENT OF THE MOST FREQUENT FOOTBALL INJURIES</b>	<b>Room Lisbon</b>
17.00–18.30	Moderators: Felmet, Gernot (Germany), Canata, Gian Luigi (Italy)	

Anteromedial Knee Injuries In Football Players

Speaker: Canata, Gian Luigi (Italy)

More Risk For OA In Football Players?

Speaker: Jones, Henrique (Portugal)

Do Football Players Need Surgery For A Ruptured PCL?

Speaker: Pijnenburg, Bas (Netherlands, The)

Ligament Lesions In Football Players: Conservative Vs. Surgical Treatment

Speaker: Felmet, Gernot (Germany)

Discussion

THURSDAY  
1 JUNE

Thursday  
1 June

17:00 – 18:30

**Orthopaedics / Knee Et Lower Leg**

**COMPLEX CASE DISCUSSION**    **MANAGEMENT OF INFECTIONS IN TKA**    **Room Munich**  
**17.00-18.30**    **Moderator: Becker, Roland (Germany)**

How Good Is Imaging In Diagnosing A Periprosthetic Joint Infection?  
 Speaker: Hirschmann, Michael Tobias (Switzerland)

EKA Infection Survey – 2016  
 Speaker: Ahmad, Sufian S. (Switzerland)

Common Errors In The Management Of PJI  
 Speaker: Borens, Olivier (Switzerland)

**Trauma / Hip Et Femur Trauma**

**SYMPOSIUM**    **FATIGUE FRACTURES OF THE LOWER LIMB**    **Room Barcelona**  
**17.00-18.30**    **Moderators: Ardevol-Cuesta, Jordi (Spain), Til, Lluís (Spain)**

Mechanism And Risk Factors In Stress Fractures  
 Speaker: Schilcher, Jörg (Sweden)

Foot Fatigue Fractures  
 Speaker: Vogrin, Matjaz (Slovenia)

Stress Fractures In Femur Tibia Patella And Fibula  
 Speaker: Pereira, Hélder (Portugal)

Management Of Stress Fractures In Athletes  
 Speaker: Malliaropoulos, Nikos (Greece)

Discussion

**Trauma / Knee Et Lower Leg Trauma**

**SYMPOSIUM**    **THE FLOATING KNEE**    **Room Brussels**  
**17.00-18.30**    **Moderator: Raschke, Michael (Germany)**

Primary Repair – What Is Torn!  
 Speaker: Herbort, Mirco (Germany)

Associated Fractures And Post-Traumatic Malalignment  
 Speaker: Freude, Thomas (Austria)

Treatment Strategy Of Chronic Instability  
 Speaker: Seil, Romain (Luxembourg)

Conservative Treatment And Secondary Reconstruction  
 Speaker: Meuffels, Duncan (Netherlands, The)

Discussion

**General Topics / Education**

**SYMPOSIUM**    **HOW TO IMPROVE YOUR ABSTRACT FOR AN INTERNATIONAL ORTHOPAEDIC CONGRESS?**    **Room Madrid**  
**17.00-18.30**    **Moderator: Bégué, Thierry (France)**

Basic Writing Tricks To Get Your Abstract Accepted  
 Speaker: Bégué, Thierry (France)

Abstract Scoring Criteria: What Is The Most Important For The Reviewer?  
 Speaker: Limb, David (United Kingdom)

The EFORT Multi-Disciplinary Panel Of Reviewers  
 Speaker: Cartucho, Antonio (Portugal)

17:00 – 18:30

What Differentiates The Submission For A Multi-Disciplinary Or A Specialty Congress?

Speaker: Kjaersgaard-Andersen, Per (Denmark)

New Scoring Scheme For A More Accurate Process

Speaker: Verhaar, Jan (Netherlands, The)

Discussion

### Orthopaedics / Spine

SYMPOSIUM

LOW BACK PAIN – STILL AN UNSOLVED PROBLEM

Room Nice

17.00–18.30

Moderator: Kladny, Bernd (Germany)

Low Back Pain – A Social And Financial Burden

Speaker: Dreinhöfer, Karsten (Germany)

Low Back Pain Guidelines, What Is NICE And What Is Not NICE?

Speaker: Sell, Philip (United Kingdom)

Low Back Pain – Is Surgery The Problem Or The Solution?

Speaker: Cáceres Palou, Enric (Spain)

Non-Operative Concepts In Low Back Pain – What Helps?

Speaker: Kladny, Bernd (Germany)

Discussion

### Orthopaedics / Musculoskeletal Tumors

FREE PAPER

MANAGEMENT OF SOFT-TISSUE SARCOMA

Room Geneva

17.00–18.30

Moderators: Leithner, Andreas (Austria), Cannon, Stephen R. (United Kingdom)

Distal Extremities Sarcomas: Are They So Different From The Other Limb Localisations? A National-Wide Study About 3,206 Sarcomas Cases

Authors: Mattei, Jean-Camille / Brouste, Veronique / Terrier, Philippe / Bonvalot, Sylvie / Lecesne, Axel / Stoeckle, Eberhard / Italiano, Antoine / Ranchere-Vince, Dominique / Meeus, Pierre / Lae, Marick / Rosset, Philippe / Rochwerger, Alexandre / Coindre, Jean Michel / Salas, Sebastien

Speaker: Mattei, Jean-Camille (France)

Why Should Unplanned Excisions Best Be Avoided In Soft-Tissue Sarcomas? Results Of A Multi-Centre Study Including 728 Patients

Authors: Smolle, Maria Anna / Tunn, Per-Ulf / Goldenitsch, Elisabeth / Posch, Florian / Szkandera, Joanna / Bergovec, Marko / Liegl-Atzwanger, Bernadette / Leithner, Andreas

Speaker: Smolle, Maria Anna (Austria)

Synovial Sarcoma In Children And Adults: Differences In Clinical Presentation And Survival

Authors: Smolle, Maria Anna / Parry, Michael / Jeys, Lee / Abudu, Seggy / Grimer, Robert

Speaker: Smolle, Maria Anna (Austria)

Serum Creatinine And Albumin Predict Sarcoma Specific And Recurrence Free Survival In Patients With Myofibroblastic And Fibroblastic Sarcomas

Authors: Willegger, Madeleine / Posch, Florian / Schieder, Sophie / Funovics, Philipp Theodor / Scharrer, Anke / Brodowicz, Thomas / Ay, Cihan / Windhager, Reinhard / Panotopoulos, Joannis

Speaker: Willegger, Madeleine (Austria)

Discussion

Prolonged Survival With Quality Of Life Can Come True By Using Low-Dose Pazopanib Maintenance For Soft-Tissue Sarcoma

Authors: Abe, Kensaku / Yamamoto, Norio / Hayashi, Katsuhiko / Takeuchi, Akihiko / Higuchi, Takashi / Taniguchi, Yuta / Aiba, Hisaki / Tsuchiya, Hiroyuki

Speaker: Abe, Kensaku (Japan)

Rotationplasty After >20 Years; Sportsactivity, QOL, Surgical And Oncological Very Long-Term Outcome

Authors: Salzer, Martin / Hobusch, Gerhard / Gubba, Joachim / Kellaridis, Tryphon / Cibulka, Florian / Windhager, Reinhard

Speaker: Hobusch, Gerhard (Austria)



17:00 – 18:30

Sports Activity Levels After Transfemoral And Transtibial Amputation And Knee Disarticulation Due To Primary Bone Malignancies – A Minimum Follow-Up Of 20 Years

Authors: Hobusch, Gerhard / Hofer, Christoph / Fraberger, Georg / Windhager, Reinhard  
Speaker: Hobusch, Gerhard (Austria)

Body Image, Self-Esteem And Quality Of Life In Patients With Primary Malignant Bone Tumors

Authors: Holzer, Lukas / Huyer, Nicolas / Friesenbichler, Jörg / Leithner, Andreas  
Speaker: Holzer, Lukas (Austria)

Discussion

MRI-Guided Biopsy Vs. Open Biopsy Of Soft-Tissue Tumors: A Comparative Retrospective Study

Authors: Klenke, Frank M. / Kollar, Attila / Röthlisberger, Fabian / Siebenrock, Klaus A. / Stamm, Anna-Christina  
Speaker: Klenke, Frank M. (Switzerland)

Clinical Outcome Of Minimally Invasive Surgery For Fibrous Dysplasia

Authors: Hayashi, Katsuhiro / Rosario, Mamer / Yamamoto, Norio / Takeuchi, Akihiko / Higuchi, Takashi / Abe, Kensaku / Taniguchi, Yuta / Aiba, Hisaki / Tsuchiya, Hiroyuki  
Speaker: Hayashi, Katsuhiro (Japan)

Metastectomy In Patients With Bone Metastases From Renal Cell Carcinoma

Authors: Higuchi, Takashi / Yamamoto, Norio / Hayashi, Katsuhiro / Takeuchi, Akihiko / Abe, Kensaku / Taniguchi, Yuta / Aiba, Hisaki / Kato, Satoshi / Murakami, Hideki / Tsuchiya, Hiroyuki  
Speaker: Higuchi, Takashi (Japan)

Pathogenesis Of Osteosclerotic Change Following Anti-RANKL Antibody (Denosumab) Treatment For Giant Cell Tumor Of Bone: Where Does It Come From?

Authors: Takeuchi, Akihiko / Rosario, Mamer / Yamamoto, Norio / Hayashi, Katsuhiro / Higuchi, Takashi / Abe, Kensaku / Taniguchi, Yuta / Aiba, Hisaki / Murakami, Hideki / Tsuchiya, Hiroyuki  
Speaker: Takeuchi, Akihiko (Japan)

Discussion

### Trauma / Varia Trauma

SYMPOSIUM

INVITED NATION SYMPOSIUM: HIGH ENERGY TRAUMA

Room Berlin

17.00-18.30

Moderators: Larsen, Morten Schultz (Denmark), Stöckle, Ulrich (Germany)

Post-Traumatic Reconstruction In High Energy Trauma

Speaker: Hosny, Gamal Ahmed (Egypt)

High Energy Trauma In Egypt

Speaker: Adawy, Adel Hassan (Egypt)

Early Total Care Vs. Damage Control: How To Choose?

Speaker: Muñoz Vives, Josep (Andorra)

Discussion

### Trauma / Shoulder & Upper Arm Trauma

FREE PAPER

CONSERVATIVE AND SURGICAL TREATMENT

Room Copenhagen

17.00-18.30

Moderators: Gerber Popp, Ariane (Switzerland), Baring, Tobias (United Kingdom)

The Initial Management Of Open Upper Limb Injuries, Are We Getting It Right?

Authors: Ali, Erden / Aurakzai, Kamran / Raghuvanshi, Manav  
Speaker: Ali, Erden (United Kingdom)

The Importance Of Glenoid Version In Patients With Anterior Dislocation Of The Shoulder

Authors: Aygün, Ümit / Çalik, Yalkin / Sahin, Hilal / Öktem Aygün, Derya  
Speaker: Aygün, Ümit (Turkey)

Surgical Treatments For Chronic Unreduced Dislocation Of The Shoulder – Our Strategy For Choosing OIRF, HHA (Or TSA), Or RSA

Authors: Ikegami, Hiroyasu / Shintaku, Takanori / Yoshizawa, Shu / Musya, Yoshiro / Kaneko, Takao  
Speaker: Ikegami, Hiroyasu (Japan)

17:00 – 18:30

Patient Reported Outcomes Of Surgically Managed Glenoid Fractures

Authors: May Diamant, Marina / Dawkins, Claire / Rangan, Amar / Jeavons, Richard P  
Speaker: May Diamant, Marina (United Kingdom)

Discussion

Results Of Minimally Invasive Coracoclavicular Fixation By Double Button Lift-Up System In Neer Type II Distal Clavicle Fractures

Authors: Dedeoglu, Suleyman Semih / Imren, Yunus / Çabuk, Haluk / Cakar, Murat / Arslan, Samet Murat / Esenyel, Cem Zeki  
Speaker: Dedeoglu, Suleyman Semih (Turkey)

Comparison Between Arthroscopic Vs. Non-Arthroscopic Treatment For Acromioclavicular Dislocations

Authors: Vital, Luisa / Linhares, Daniela / Lobo, João / Negrão, Pedro / Torres, João / Gutierrez, Manuel / Neves, Nuno / Ribeiro Da Silva, Manuel  
Speaker: Vital, Luisa (Portugal)

Biomechanical Comparison Of Double Vs. Triple Endobutton Reconstruction Techniques In Patients With Acromioclavicular Joint Dislocation

Authors: Civan, Osman / Ugur, Levent / Atmaca, Halil  
Speaker: Civan, Osman (Turkey) / Levent, Halil (Turkey)

All Arthroscopic Repair Of Acute Acromioclavicular Joint Disruption Using The Dogbone Button; Early Results Of A Novel Suspensory Device

Authors: Abdelwahab, Ali / Hamed, Ahmed  
Speaker: Abdelwahab, Ali (United Kingdom)

Discussion

Inverted C Sign In Acute Lateral Third Clavicle Fractures As An Independent Prognostic Indicator For Union

Authors: Rachakonda, Kamalakar / Kilaru, Praful  
Speaker: Rachakonda, Kamalakar (India)

A Multi-Centre Trial Comparing The Operative And Non-Operative Management Of Clavicle Fractures

Authors: Finbar McGrath, Anthony / Wakelam, Oliver / Kitson, Jonathan  
Speaker: Finbar McGrath, Anthony (United Kingdom)

Midshaft Clavicle Fractures: A Single Centre 10-Years Retrospective Analysis

Authors: Herteleer, Michiel / Winckelmans, Thomas / Nijs, Stefaan  
Speaker: Herteleer, Michiel (Belgium)

Dislocated Midshaft Clavicle Fractures: Shared Decision Making As Main Predictor Of Overall Patient Satisfaction

Authors: Tutuhatunewa, Eric / Stevens, Martin / Diercks, Ron  
Speaker: Tutuhatunewa, Eric (Netherlands, The)

Discussion

Orthopaedics / Knee & Lower Leg

FREE PAPER

DESIGN AND OUTCOMES IN TKA

Room Istanbul

17.00-18.30

Moderators: Benazzo, Francesco (Italy), Kinov, Plamen (Bulgaria)

Short-Term Outcomes After Total Knee Arthroplasty Using A Kinematic-Retaining Knee Prosthesis

Authors: Barlow, Ian / Harvey, Adrian / Innocenti, Massimo  
Speaker: Barlow, Ian (United Kingdom)

An Interesting Asymmetrical Cam Designed To Rapidly Restore Function After Total Knee Arthroplasty. A 2-Years Result

Authors: Ferreira, André  
Speaker: Ferreira, André (France)

GMK Sphere Total Knee Arthroplasty Exhibits Medial Stability During Gait Activities

Authors: Schütz, Pascal / Taylor, William R. / Fucentese, Sandro F. / Koch, Peter P. / List, Renate  
Speaker: Schütz, Pascal (Switzerland)

17:00 – 18:30

Fixation Of All-Polyethylene Compared To Metal-Backed Tibial Components In Cemented Condylar-Stabilising Total Knee Arthroplasty – A Prospective Randomised RSA Study

Authors: Van Hamersveld, Koen / Nelissen, Rob G. H. H. / Toksvig-Larsen, Sören

Speaker: Van Hamersveld, Koen (Netherlands, The)

Discussion

The MatOrtho MRK At 7 Years: A Multi-Centre, Prospective, Observational Study

Authors: Stoner, Rebecca / Vejsbjerg, Karen / Afzal, Irrum / Olive, Stuart / Railton, Gilbert / Evans, Christopher / Spencer-Jones, Richard / Field, Richard

Speaker: Stoner, Rebecca (United Kingdom)

5-Years Outcomes And Survivorship Of The Triathlon Total Knee Replacement: A Cohort Study

Authors: Wylde, Vikki / Miller, Laura / Whitehouse, Michael / Blom, Ashley

Speaker: Wylde, Vikki (United Kingdom)

Mobile Bearing TKA Is Not The Best Option

Authors: Gothesen, Oystein / Lygre, Stein Håkon / Lorimer, Michelle / Graves, Stephen / Furnes, Ove

Speaker: Gothesen, Oystein (Norway)

Analysis Of Oxidative Degradation Of Different Types Of Retrieved Tibial Inserts For Total Knee Arthroplasty

Authors: Tone, Shine / Hasegawa, Masahiro / Hosoi, Takashi / Hattori, Tetsuya / Ito, Naoya / Puppulin, Leonardo / Pezzotti, Giuseppe / Sudo, Akihiro

Speaker: Tone, Shine (Japan)

Discussion

2-Years Clinical Outcomes Of A Randomised Controlled Trial Comparing Measured Resection And Gap Balancing Techniques Using Attune TKR Implant

Authors: Lai, Mun Chun / Pang, Hee Nee / Yew, Andy Khye Soon / Tay, Darren / Chia, Shi-Lu / Yeo, Seng Jin

Speaker: Lai, Mun Chun (Singapore)

Metal Ion Release In Total Knee Arthroplasty – A Biotribological Approach

Authors: Grupp, Thomas M. / Puente Reyna, Ana Laura / Thomas, Peter / Summer, Burkhard / Fritz, Bernhard / Schwiesau, Jens

Speaker: Grupp, Thomas M. (Germany)

Prospective Comparison Of A Metal-Free Ceramic Total Knee Arthroplasty With An Identical Metal System

Authors: Trieb, Klemens / Fiala, Rainer / Metzinger, Katharina / Ullmann, David

Speaker: Trieb, Klemens (Austria)

An Economic Evaluation Of Unicompartmental Compared To Total Knee Replacement: Analysis Using Large, Matched, Routinely-Collected Observational Data From The United Kingdom

Authors: Burn, Edward / Liddle, Alexander / Pandit, Hemant / Hamilton, Thomas / Judge, Andrew / Pinedo-Villanueva, Rafael / Murray, David

Speaker: Murray, David (United Kingdom)

Discussion

### General Topics / Quality Management

COMPLEX CASE  
DISCUSSION

RETURN TO SPORT ACTIVITIES AFTER ARTHROPLASTY

Room Paris

Moderator: Parratte, Sébastien (France)

17.00-18.30

Tbd

Speaker: TBA, still to confirm

Tbd

Speaker: TBA, still to confirm

Tbd

Speaker: TBA, still to confirm

17:00 – 18:30

Orthopaedics / Foot & Ankle

FREE PAPER

FOOT AND ANKLE MISCELLANEOUS

Room London

17.00–18.30

Moderators: Rochwerger, Alexandre (France), Michelsson, Oliver (Finland)

Effectiveness Of Axial T2 Fat Suppressed MRI Of The Ankle In Reducing The "Magic Angle Effect" In Peroneal Tendons When Compared To Conventional MRI Modalities

Authors: Leong, Edmund / Rafferty, Michael / Rosenfeld, Peter  
Speaker: Rafferty, Michael (United Kingdom)

Comparison Of Post-Operative Pain Control Methods After Bony Surgery In The Foot And Ankle

Authors: Oh, Byung Hak / Lee, Gi-Soo  
Speaker: Oh, Byung Hak (South Korea)

Frequency And Variations Of Position In 5th Flexor Digitorum Longus Tendon: A Cadaveric Study

Authors: Payapanon, Payap / Chuckpaiwong, Bavornrit  
Speaker: Payapanon, Payap (Thailand)

Minimal Important Change (MIC), Measurement Error And Responsiveness For The Self-Reported Foot And Ankle Score (SEFAS)

Authors: Cöster, Maria / Nilsson, Anna / Brudin, Lars / Bremander, Ann  
Speaker: Cöster, Maria (Sweden)

Discussion

Free Vascularised Corticoperiosteal Medial Femoral Condyle Flap For Ankle And Middle Foot Reconstruction; Efficacy And Donor Site Morbidity

Authors: Politikou, Olga / Giesen, Thomas / Wirth, Stephan / Giovanoli, Pietro / Calcagni, Maurizio  
Speaker: Politikou, Olga (Switzerland)

Chertsey Protocol For Diagnosis And Management Of Diabetic Charcot Neuroarthropathy. A Report Of Preliminary Results

Authors: Yousaf, Sohail / Iliopoulos, Efthymis / Khaleel, Arshad  
Speaker: Iliopoulos, Efthymis (United Kingdom)

A Systematic Review And Meta-Analysis Of Platelet-Rich Plasma Vs. Corticosteroid Injections For Chronic Plantar Fasciopathy

Authors: Singh, Prashant / Madanipour, Suroosh / Bhamra, Jagmeet / Gill, Ian  
Speaker: Singh, Prashant (United Kingdom)

Outcome Of Free Vascularised Osteocutaneous Femoral Condyle Flaps In Foot And Ankle Revision Surgery

Authors: Charwat-Pessler, Christoph Georg / Hofstaetter, Stefan / Kempny, Tomas / Trieb, Klemens  
Speaker: Charwat-Pessler, Christoph Georg (Austria)

Discussion

A Prospective, Randomised Controlled Trial To Determine The Efficacy Of Night Splints Vs. The Strassburg Sock™ In The Relief Of Heel Pain In Plantar Fasciitis

Authors: Pearce, Christopher Jon / Tay, Eileen  
Speaker: Tay, Eileen (Singapore)

Arthroscopic Synovectomy Only Or Additional Lateral Ligament Reconstruction In Chronic Ankle Sprains: Diversification Of Functional From True Mechanical Instability

Authors: Panagopoulos, Andreas / Tatani, Irini / Triantafillopoulos, Ioannis / Niekerk, Louw Van / Kouzelis, Antonis / Iliopoulos, Ilias  
Speaker: Panagopoulos, Andreas (Greece)

Peroneal Tendoscopy – Why, When, How?

Authors: Dimnjakovic, Damjan / Bohacek, Ivan / Majdancic, Krešimir / Smoljanovic, Tomislav / Bojanic, Ivan  
Speaker: Dimnjakovic, Damjan (Croatia)

Anatomical Repair Of Deltoid Ligament Of The Ankle: Functional Outcome And Quality Of Life

Authors: Makridis, Konstantinos / Rousseau, Romain / Zourntou, Mantina / Djian, Patrick  
Speaker: Makridis, Konstantinos (Greece)

Discussion

Room	Vienna	Lisbon	Munich	Barcelona	Brussels	Madrid	Helsinki	Florence	
Time									
08:00									
08:15	How To Optimize Your Primary THA? (S)	Comprehensive Review Course	Choice Of Bearings In Primary THA (S)	Terror Attacks - Are We Prepared? (S)	Treatment Options Of Intraarticular Radius Fractures (S)	Early Rehabilitation After ACL Reconstruction In The Young Athletic Patient (S)	Knee Implant Design In 2016 (S)	There Is An Infection: I Need To Fix It! (Case Discussions) (Spec Soc.)	
08:30									
08:45									
09:00									
09:15									
09:30									
09:45	BREAK	BREAK							
10:00									
10:15	Clinical Cases - Pelvis, Hip Et Femur 2 (CC)		Cup Orientation In THA (FP)	Fractures Of The Proximal Humerus: Where Is The Evidence (EBM)	Clinical Cases - Hip Et Femur Trauma 1 (CC)	Patients Perception And Satisfaction After TKA (FP)	Award Competition Free Papers Trauma (FP)	Treatment Of Chronic Orthopaedic Infections (IL)	
10:30									
10:45									
11:00									
11:15	BREAK	BREAK							
11:30									
11:45	Short Stem (FP)		Stability - THA (FP)	Nerve Injuries Of The Upper Extremity And Hand (IL)	Clinical Cases - Hip Et Femur Trauma 2 (CC)	Management Of Traumatic Meniscus Tears And Degenerative Meniscus Lesions (IL)	Award Competition Free Papers Orthopaedics (FP)	Clinical Cases - Musculoskeletal Infections (CC)	
12:00									
12:15									
12:30									
12:45	Michael Freeman Honorary Lecture								
13:00	Lunch Break - Industry-Sponsored Symposia								
13:15									
13:30									
13:45									
14:00									
14:15									
14:30									
14:45									
15:00	Periprosthetic Fracture In THA (S)	Comprehensive Review Course	NORE Session (S)	Cervical Spine Injuries In Sports Practice (S)	Extracapsular And Intracapsular Fractures Et Arthroplasty (FP)	Expected Outcome After ACL Reconstruction (S)	Osteotomy Around The Knee: Technique, Results And Expectations (S)	Orthopaedic Infections: Specialisation And Interdisciplinary Cooperation For Optimised Treatment In Europe (S)	
15:15									
15:30									
15:45									
16:00									
16:15	BREAK	BREAK							
16:30									
16:45	FAI And Hip Dysplasia (FP)		Current Knowledge On Metal-On-Metal: What Have We Learned 10 Years Later (S)	Clinical Cases - Knee Et Lower Leg Trauma (CC)	Periprosthetic, Diaphyseal And Trochanteric Fractures (FP)	Perioperative Management In TKA (FP)	Long-Term Results And Functional Outcomes Of TKA (S)	Infection After Arthroplasty And Osteosynthesis (FP)	
17:00									
17:15									
17:30									
17:45									
18:00									
18:15									
18:30									
18:45									

 GENERAL ORTHOPAEDICS	 UPPER LIMB	 LOWER LIMB	 SPINE	 TRAUMA/POLYTRAUMA	 PAEDIATRICS	 GENERAL EDUCATION
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S = Symposium    IL = Instructional Lecture    EBM = Evidence Based Medicine    DF = Debate Forum    CC = Clinical Cases

Nice	Geneva	Berlin	Copenhagen	Istanbul	Paris	London	Room
							Time
							08:00
Tendon – Bone – Cartilage Experimental Biology (FP)	Morton Neuroma: State Of The Art (S)	Joint Preserving Surgery And Soft-Tissue Repair (FP)	Anterior And Posterior, Acute, Chronic And Sports-Related Sternoclavicular Dislocations (S)	Unicompartmental Knee Replacement And Results (FP)	THA Revision Surgery (FP)	Bone And Joint Infections And Rare Conditions (FP)	08:15
							08:30
							08:45
							09:00
							09:15
BREAK							09:30
BREAK							09:45
BREAK							10:00
Imaging In Periprosthetic Assessment (IL)	Clinical Cases – Foot & Ankle (CC)	Clinical Cases – Shoulder & Upper Arm (CC)	Humeral Shaft Fractures (IEE)	Small Implants Update (IEE)	Revision Hip Arthroplasty (IEE)	Interdisciplinary Approach To Treat Complex Congenital Limb Deformities (IEE)	10:15
							10:30
BREAK							10:45
Basic Science Studies In Patients And Human Subjects (S)	Arthroscopy In Hindfoot Injuries (Acute And Sequellae) (IL)	Acromion And Glenoid Shape: Why Are They Important Predictive Factors Of The Future Of Our Shoulders? (IL)					11:00
							11:15
							11:30
							11:45
							12:00
BREAK							12:15
BREAK							12:30
BREAK							12:45
Michael Freeman Honorary Lecture							13:00
Lunch Break – Industry-Sponsored Symposia							13:15
Lunch Break – Industry-Sponsored Symposia							13:30
Lunch Break – Industry-Sponsored Symposia							13:45
Lunch Break – Industry-Sponsored Symposia							14:00
Lunch Break – Industry-Sponsored Symposia							14:15
Lunch Break – Industry-Sponsored Symposia							14:30
Lunch Break – Industry-Sponsored Symposia							14:45
Why Do Knee Replacements Hurt? (Spec. Soc.)	Talus Fractures (S)	Arthroplasty Joint Replacement (FP)	Partial Articular Fractures Around The Elbow (S)	Rapid Recovery After THA And TKA. Any Difference Between Younger And Elderly Active Patients? (S)	Difficult Primary THA (S)	Clinical Cases – Paediatric Orthopaedics (CC)	15:00
							15:15
							15:30
							15:45
							16:00
BREAK							16:15
BREAK							16:30
BREAK							16:45
e-Health Applications In Orthopaedic Research (S)	Ankle And Pilon Fractures (FP)	Massive Rotator Cuff Tears (CCD)	Elbow Trauma (FP)	Knee Ligaments & Miscellaneous (FP)	Complex Primary THA After Osteotomies And Hip Fractures (CCD)	Networking Around The Paediatric Hip And Growth (FP)	17:00
							17:15
							17:30
							17:45
							18:00
BREAK							18:15
BREAK							18:30
BREAK							18:45

CCD = Complex Case Discussion

FP = Free Papers

Spec. Soc. = Specialty & Partner Societies

IEE = Interactive Expert Exchange

Friday  
2 June

08:15 – 09:45

**Orthopaedics / Pelvis, Hip & Femur**

**SYMPOSIUM** **HOW TO OPTIMISE YOUR PRIMARY THA?** **Room Vienna**

**08.15–09.45** **Moderator: Schreurs, Willem (Netherlands, The)**

Identifying Patients With Risk Factors  
Speaker: Ilchmann, Thomas (Switzerland)

Optimise Your Total Hip With Templating  
Speaker: Scheerlinck, Thierry (Belgium)

Sense And Nonsense Of Infection Prevention  
Speaker: Ten Broeke, Rene (Netherlands, The)

How To Optimise The Anesthetics, A Team Effort  
Speaker: Aasvang, Eske (Denmark)

Discussion

**Orthopaedics / Pelvis, Hip & Femur**

**SYMPOSIUM** **CHOICE OF BEARINGS IN PRIMARY THA** **Room Munich**

**08.15–09.45** **Moderator: Bozkurt, Murat (Turkey)**

How Can Registries Advise Us On Which Bearings To Choose?  
Speaker: Blom, Ashley (United Kingdom)

Edge Loading And Squeaking After Alumina On Alumina Ceramic Total Hip Arthroplasty. Is It A Real Concern?  
Speaker: Sariali, Elhadi (France)

Prosthetic Joint Infection Of THA: Can The Risk Be Reduced With The Bearing Surface Type?  
Speaker: Zahar, Akos (Germany)

Relation Of Implant Position With Acetabular And Femoral Morphometry And Bearing Surfaces  
Speaker: Bozkurt, Murat (Turkey)

Discussion

**Trauma / Varia Trauma**

**SYMPOSIUM** **TERROR ATTACKS – ARE WE PREPARED?** **Room Barcelona**

**08.15–09.45** **Moderator: Verhaar, Jan (Netherlands, The)**

Experiences From Brussels  
Speaker: Jennes, Serge (Belgium)

What Can We Learn From The Military?  
Speaker: Friemert Armed, Benedikt (Germany)

Experiences From The Border To Syria  
Speaker: Lerner, Alexander (Israel)

Experiences From Paris: The Point Of View Of A Military Surgeon  
Speaker: Barbier, Olivier (France)

Experiences From Paris  
Speaker: Kajetaneck, Charles (France)

Discussion

**Trauma / Hand & Wrist Trauma**

**SYMPOSIUM** **TREATMENT OPTIONS OF INTRAARTICULAR RADIUS FRACTURES** **Room Brussels**

**08.15–09.45** **Moderator: Haugstvedt, Jan-Ragnar (Norway)**

Conservative Treatment Of Distal Radius Fractures  
Speaker: Arora, Rohit (Austria)

08:15 – 09:45

Volar Locking Plate Fixation Of Distal Radius Fractures

Speaker: Williksen, John (Norway)

Arthroscopic Assisted Treatment Of Intraarticular Radius Fractures

Speaker: Del Piñal, Francisco (Spain)

Advances In The Treatment Of Distal Radius Fractures In The Independent Elderly

Speaker: Herzberg, Guillaume (France)

Discussion

**Orthopaedics / Knee & Lower Leg**

**SYMPOSIUM**  
08.15–09.45

**EARLY REHABILITATION AFTER ACL RECONSTRUCTION IN THE YOUNG ATHLETIC PATIENT**

Room Madrid

**Moderator: Menetrey, Jacques (Switzerland)**

Cases Presentation: Post-Operative Stories In Athletes After ACL Reconstruction

Speaker: Menetrey, Jacques (Switzerland)

What's To Expect From A Rehabilitation Program Before And After An ACL Reconstruction

Speaker: Stephen, Joanna (United Kingdom)

How To Access A Proper Rehabilitation And Set A Save RTP After An ACL Reconstruction?

Speaker: Fink, Christian (Austria)

How Important Is Nursing For A Slick Recovery Post-ACL Reconstruction?

Speaker: Platzer, Kristina (Austria)

Discussion

**Orthopaedics / Knee & Lower Leg**

**SYMPOSIUM**  
08.15–09.45

**KNEE IMPLANT DESIGN IN 2016**

Room Helsinki

**Moderator: Victor, Jan (Belgium)**

Implant Design: Does It Matter?

Speaker: Victor, Jan (Belgium)

Current Designs Do Not Respect The Soft-Tissues

Speaker: Bonnin, Michel (France)

The Argument For Retaining The Cruciate Ligaments

Speaker: Dodd, Christopher (United Kingdom)

The Argument For Replacing The Cruciate Ligaments

Speaker: Catani, Fabio (Italy)

How To Introduce New Implants?

Speaker: Wilton, Tim (United Kingdom)

Discussion

**EBJIS – European Bone and Joint Infection Society**



**Orthopaedics / Musculoskeletal Infections**

**SPECIALTY & PARTNER SOCIETIES**  
08.15–09.45

**THERE IS AN INFECTION: I NEED TO FIX IT! (CASE DISCUSSIONS)**

Room Florence

**Moderators: Drago, Lorenzo (Italy), Kirketerp-Møller, Klaus (Denmark)**

Case Presentation

Speaker: McNally, Martin (United Kingdom)



08:15 – 09:45

Case Presentation  
Speaker: Borens, Olivier (Switzerland)

Case Presentation  
Speaker: Vogely, Charles (Netherlands, The)

Case Presentation  
Speaker: Winkler, Heinz (Austria)

Case Presentation  
Speaker: Sendi, Parham (Switzerland)

### General Topics / Basic Sciences

**FREE PAPER**      **TENDON – BONE – CARTILAGE EXPERIMENTAL BIOLOGY**      **Room Nice**  
**08.15–09.45**      **Moderators: Jahr, Holger (Germany), Rosset, Philippe (France)**

Satellite Cells CD44 Positive Drive Muscle Regeneration In Osteoarthritis Patients  
Authors: Baldi, Jacopo / Scimeca, Manuel / Iundusi, Riccardo / Gasbarra, Elena / Bonanno, Elena / Tarantino, Umberto  
Speaker: Baldi, Jacopo (Italy)

Elastin Is Useful For Ligament–Bone Junction Healing In Rabbits  
Authors: Ito, Naoya / Hasegawa, Masahiro / Hattori, Tetsuya / Hosoi, Takashi / Unno, Hironori / Suzuki, Yoshiaki / Miura, Yoshihiro / Matsui, Yuriyo / Miyamoto, Keiichi / Sudo, Akihiro  
Speaker: Ito, Naoya (Japan)

The Effectiveness Of Demineralised Cortical Bone Matrix In A Chronic Rotator Cuff Tear Model  
Authors: Thangarajah, Tanujan / Henshaw, Frederick / Sanghani-Kerai, Anita / Lambert, Simon / Blunn, Gordon / Pendegrass, Catherine  
Speaker: Thangarajah, Tanujan (United Kingdom)

Epidermal Growth Factor And Epidermal Growth Factor Loading Polycaprolactone Scaffold Effect On Tendon Healing  
Authors: Kocyigit, Ismail Aykut / Huri, Gazi / Yürüker, Sinan / Huri, Pinar / Doral, Mahmut Nedim  
Speaker: Huri, Gazi (Turkey)

Discussion

Two-Stage Integrated Mesodermal Differentiation And Osteogenesis Using Induced Pluripotent Stem Cells: A Simple And Efficient Protocol For Bone Tissue Engineering Applications  
Authors: MacFarlane, Robert / Klontzas, Michalis / Heliotis, Manolis / Tsiridis, Eleftherios / Mantalaris, Athanasios  
Speaker: MacFarlane, Robert (United Kingdom)

In Vitro Stimulation Of Endochondral Ossification Of The Growth Plate Using An Ex Vivo 3 Dimensional Organotypic Culture Model  
Authors: Srinivasaiah, Sriveena / Grün, Nicole Gabriele / Musumeci, Guiseppa / Eichler, Johannes / Schäfer, Ute / Weinberg, Annelie-Martina  
Speaker: Srinivasaiah, Sriveena (Austria)

Osteogenic Differentiation Of Human Induced Pluripotent Stem Cells Using Simvastatin And Atorvastatin  
Authors: Macfarlane, Robert / Klontzas, Michalis / Heliotis, Manolis / Tsiridis, Eleftherios  
Speaker: MacFarlane, Robert (United Kingdom)

Bone Architecture Alterations In Mice With Selective Expression Of MyD88 In Osteoclast Lineage Cells  
Authors: Suren, Christian / Lukashova, Lyudmilla / Wischmann, Johannes / Wulsten, Dag / Wildemann, Britt / Boskey, Adele / Von Eisenhart-Rothe, Rüdiger / Holzmann, Bernhard / Mayer-Kuckuk, Philipp  
Speaker: Suren, Christian (Germany)

Discussion

Prevention Of Cartilage Degeneration Using The Peptide Of Tenascin-C  
Authors: Hattori, Tetsuya / Hasegawa, Masahiro / Unno, Hironori / Hosoi, Takashi / Ito, Naoya / Iino, Takahiro / Imanaka-Yoshida, Kyoko / Yoshida, Toshimichi / Sudo, Akihiro  
Speaker: Hattori, Tetsuya (Japan)

08:15 – 09:45

Do DGEMRIC And T2 Imaging Correlate With Histologic Cartilage Degeneration? An Experimental Ovine FAI Model

Authors: Schmaranzer, Florian / Arendt, Larissa / Wolfer, Nadja / Zurmühle, Corinne / Lerch, Till / Nuss, Katja / Von Rechenberg, Brigitte / Kircher, Patrick / Tannast, Moritz

Speaker: Schmaranzer, Florian (Switzerland)

Periodic Injections Of Adipose-Derived Stem Cells Sheet Inhibit Osteoarthritis Progression In An Experimental Rabbit Model

Authors: Takagi, Tomoharu / Kabata, Tamon / Kajino, Yoshitomo / Taga, Tadashi / Hasegawa, Kazuhiro / Inoue, Daisuke / Yamamoto, Takashi / Ohmori, Takaaki / Yoshitani, Junya / Ueno, Takuro / Tsuchiya, Hiroyuki

Speaker: Takagi, Tomoharu (Japan)

Comparison Of The Chondroprotective Effect Of A Novel Hydrogel Compound And Traditional Hyaluronate On Rat Cartilage In A Papain-Induced Osteoarthritis Model

Authors: Sukur, Erhan / Talu, Canan Kelten / Akman, Yunus Emre / Circi, Esra / Ozturkmen, Yusuf / Tuzuner, Tolga

Speaker: Sukur, Erhan (Turkey)

Discussion

### Orthopaedics / Foot & Ankle

SYMPOSIUM

MORTON NEUROMA: STATE OF THE ART

Room Geneva

08.15–09.45

Moderator: Sakellariou, Anthony (United Kingdom)

Non-Surgical Treatment Of Morton's Interdigital Neuromas – What Is The Evidence?

Speaker: Bhatia, Maneesh (United Kingdom)

Morton's Interdigital Neuroma: Radio-Frequency Ablation

Speaker: Carne, Andrew (United Kingdom)

Why I Don't Excise Morton's Interdigital Neuromata

Speaker: Devos Bevernage, Bernhard (Belgium)

Surgical Excision Of Morton's Interdigital Neuroma: Ensuring A Successful Outcome

Speaker: Gougoulis, Nikolaos (Greece)

Discussion

### Orthopaedics / Shoulder & Upper Arm

FREE PAPER

JOINT PRESERVING SURGERY AND SOFT-TISSUE REPAIR

Room Berlin

08.15–09.45

Moderators: Meyer, Dominik C. (Switzerland), Kany, Jean (France)

The Incidence Of Flare Reaction And Short-Term Outcome Following Steroid Injection In The Shoulder

Authors: Fawi, Hassan / Hossain, Munier / Matthews, Timothy

Speaker: Fawi, Hassan (United Kingdom)

Five SNPs In Tenascin-C (TNC) Associated With Degenerative Rotator Cuff Tears Correlate With A Failure To Heal After Surgical Repair

Authors: Kluger, Rainer / Seely, Philipp / Berger, Christian / Frommlet, Florian / Huber, Klaus

Speaker: Seely, Philipp (Austria)

A Pilot Study Examining The Feasibility And Safety Of Using Bone Marrow Aspirate Concentrate In Improving Rotator Cuff Tendon Healing Following Arthroscopic Rotator Cuff Repair

Authors: Schär, Michael / Carballo, Camila / Hall, Arielle / Ying, Liang / Potter, Hollis / Warren, Russell / Rodeo, Scott

Speaker: Schär, Michael (Switzerland)

Bursal Bunching Seen On Dynamic Shoulder Ultrasound: Its Significance In Predicting Pathology And Treatment

Authors: Baan, Alexander / Raju, PPJ / Jeavons, Richard P

Speaker: Baan, Alexander (United Kingdom)

Discussion

08:15 – 09:45

Neurofilament Distribution In The Long Head Of The Biceps Tendon Including The Superior Labrum And Its Potential Clinical Implication On Type II SLAP Repair

Authors: Bösmüller, Sandra / Nógrádi, Antal / Heibel, Patrick / Albrecht, Christian / Nürnberger, Sylvia / Redl, Heinz / Fialka, Christian / Mittermayr, Rainer  
Speaker: Bösmüller, Sandra (Austria)

Outcomes Of Arthroscopic Revision Rotator Cuff Repair

Authors: Barbosa, Francisco / Titchener, Andrew / Tambe, Amol / Espag, Marius / Cresswell, Tim / Clark, David  
Speaker: Barbosa, Francisco (United Kingdom)

Short-Term Outcomes Of Repairing Rotator Cuff Tears Using GraftJacket As An Interpositional Allograft With "Tissue-Matched Thickness"

Authors: Sharma, Nikhil / El-Refaiy, Ahmed / Sibly, Frank  
Speaker: Sharma, Nikhil (United Kingdom)

Superior Capsular Reconstruction – What Size Is The Optimum Graft?

Authors: Riley, James / Heasley, Richard / Jain, Neil  
Speaker: Riley, James (United Kingdom)

Discussion

Lateral Acromionplasty: New Solution To Reduce Retear Rate

Authors: Palumbo, Alessio / Franceschetti, Edoardo / Paciotti, Michele / Papalia, Rocco / La Verde, Luca / Rosa, Michele Attilio / Franceschi, Francesco / Spiezia, Filippo  
Speaker: Spiezia, Filippo (Italy)

The Greater Tuberosity Angle, A New Predictor For Rotator Cuff Tears

Authors: Cunningham, Gregory James / Nicodeme-Paulin, Emilie / Smith, Margaret M / Holzer, Nicolas / Cass, Benjamin / Young, Allan A  
Speaker: Cunningham, Gregory James (Switzerland)

Use Of Codman's Paradox To Perform Safe & Simple Manipulation Under Anaesthetic For Frozen Shoulder Release

Authors: Levy, Ofer / Arealis, Georgios / Poyzois, Ioannis / Tsvieli, Oren / Cosigliere, Paolo / Ippolito, Giorgio / Pradhan, Rajib / Atoun, Ehud  
Speaker: Levy, Ofer (United Kingdom)

Are Pendular Shoulder Exercises Worthwhile ?

Authors: Cunningham, Gregory James / Charbonnier, Caecilia / Lädermann, Alexandre / Chagué, Sylvain / Sonnabend, David  
Speaker: Cunningham, Gregory James (Switzerland)

Discussion

## Trauma / Shoulder & Upper Arm Trauma

SYMPOSIUM  
08.15–09.45

ANTERIOR AND POSTERIOR, ACUTE, CHRONIC AND SPORTS-RELATED  
STERNOCLAVICULAR DISLOCATIONS

Room Copenhagen

Moderator: Bégué, Thierry (France)

Anterior Sternoclavicular Dislocations In Acute Trauma

Speaker: Bégué, Thierry (France)

Posterior Sternoclavicular Dislocations In Polytraumatised Patients

Speaker: Pape, Hans Christoph (Switzerland)

Chronic Instability And Painful Disease Of Sternoclavicular Joint

Speaker: Kanakaris, Nikolaos (United Kingdom)

Sternoclavicular Trauma In The Sports Fields

Speaker: Malizos, Konstantinos (Greece)

Discussion

08:15 – 09:45

Orthopaedics / Knee & Lower Leg

FREE PAPER

UNICOMPARTMENTAL KNEE REPLACEMENT AND RESULTS

Room Istanbul

08.15–09.45

Moderators: Argenson, Jean-Noël (France), Kruczynski, Jacek (Poland)

Is The Learning Curve In Cementless Unicompartmental Knee Replacements Related To Periprosthetic Fractures And Subsidence?

Authors: Rasmussen, Lasse E. / Gottlieb, Bjorn / Varnum, Claus  
Speaker: Rasmussen, Lasse E. (Denmark)

Optimal Interference For Cementless Unicompartmental Knee Replacement

Authors: Campi, Stefano / Mellon, Stephen / Ridley, Duncan / Foulke, Bradley / Dodd, Christopher / Pandit, Hemant / Murray, David  
Speaker: Campi, Stefano (Italy)

10-Years Survival Of Minimally Invasive Cementless Oxford Phase 3 Unicompartmental Knee Replacement

Authors: Campi, Stefano / Pandit, Hemant / Hooper, Gary / Snell, Deborah / Jenkins, Cathy / Dodd, Christopher / Maxwell, Rod / Murray, David  
Speaker: Campi, Stefano (Italy)

Cost Effectiveness Of Robotic-Assisted Unicompartmental Knee Arthroplasty

Authors: Gilmour, Alisdair / Banger, Matthew / Jones, Bryn / Maclean, Angus / Anthony, Iain / Rowe, Philip / Blyth, Mark  
Speaker: Gilmour, Alisdair (United Kingdom)

Discussion

2-Years Results Of A Randomised Trial Of Robotic Surgical Assistance Vs. Manual Unicompartmental Knee Arthroplasty

Authors: Blyth, Mark / Maclean, Angus / Rowe, Philip / Jones, Bryn  
Speaker: Blyth, Mark (United Kingdom)

Improved Survival For Unicompartmental Knee Arthroplasty And Total Knee Arthroplasty The Last Decade, But More Early Infections In Total Knee Arthroplasty

Authors: Dyrhovden, Gro / Lygre, Stein Håkon / Badawy, Mona / Gothensen, Oystein / Furnes, Ove  
Speaker: Dyrhovden, Gro (Norway)

Estimated Lifetime Revision Risk For Medial Meniscal Bearing Unicompartmental Knee Replacement

Authors: Kennedy, James / Burn, Edward / Judge, Andrew / Murray, David  
Speaker: Kennedy, James (United Kingdom)

The Interaction Of Caseload And Usage In Determining Outcomes Of Unicompartmental Knee Arthroplasty: A Meta-Analysis

Authors: Hamilton, Thomas / Rizkalla, James / Kontochristos, Leonidas / Marks, Barbara / Mellon, Stephen / Dodd, Christopher / Pandit, Hemant / Murray, David  
Speaker: Murray, David (United Kingdom)

Discussion

Change In Body Mass Index After Unicompartmental Knee Arthroplasty Does Not Adversely Influence Functional Outcomes Or Quality Of Life

Authors: Xia, Zhan / Liow, Lincoln / Pang, Hee Nee / Goh, Graham / Chong, Hwei Chi / Tay, Darren / Chia, Shi-Lu / Lo, Ngai Nung / Yeo, Seng Jin  
Speaker: Xia, Zhan (Singapore)

Patient-Reported Outcomes Following Total And Unicompartmental Knee Arthroplasty: Evidence From A Matched Cohort

Authors: Burn, Edward / Sanchez-Santos, Maria T. / Liddle, Alexander / Pandit, Hemant / Hamilton, Thomas / Murray, David W. / Pinedo-Villanueva, Rafael  
Speaker: Liddle, Alexander (United Kingdom)

Sub-Optimal Pre-Operative Radiographs Do Not Affect Mid-Term Outcomes Of Medial Unicompartmental Knee Arthroplasty

Authors: Ngarmukos, Srihatach / Honglerspipop, Worapoj / Tanavalee, Aree  
Speaker: Ngarmukos, Srihatach (Thailand)

Oxford Partial Knee Replacement For Severe Varus Deformities In India

Authors: Gokhale, Sanjeev  
Speaker: Gokhale, Sanjeev (India)

08:15 – 09:45

Discussion

**Orthopaedics / Pelvis, Hip & Femur**

FREE PAPER

**THA REVISION SURGERY**

Room Paris

08.15–09.45

**Moderators: Macheras, George (Greece), Schlammes, Henri J. (Luxembourg)**

Adverse Outcomes Following Metal-On-Metal Hip Replacement Revision Surgery Depend On The Reason For Failure: A Propensity Score Matched Study Of 2,576 Revisions From The National Joint Registry For England, Wales, Northern Ireland And The Isle Of Man

Authors: Matharu, Gulraj / Judge, Andrew / Murray, David / Pandit, Hemant  
Speaker: Matharu, Gulraj (United Kingdom)

Porous Tantalum Acetabular Components Used To Manage Severe Bone Loss Demonstrate Good Stability At Mid-Term Follow-Up: A Radiostereometric Analysis Study

Authors: Solomon, Bogdan / Abrahams, John / Callary, Stuart / Howie, Donald  
Speaker: Solomon, Bogdan (Australia)

Revision For Periprosthetic Femoral Fracture After Primary THR

Authors: De Steiger, Richard / Heaton, Sam / Hau, Raphael / Lewis, Peter / Cuthbert, Alana / Lorimer, Michelle / Graves, Stephen  
Speaker: Lewis, Peter (Australia)

Outcomes Following Revision Surgery Performed For Adverse Reactions To Metal Debris In Non-Metal-On-Metal Hip Arthroplasty Patients: Analysis Of 185 Revisions From The National Joint Registry For England, Wales, Northern Ireland And The Isle Of Man

Authors: Matharu, Gulraj / Judge, Andrew / Murray, David / Pandit, Hemant  
Speaker: Matharu, Gulraj (United Kingdom)

Discussion

Does The Use Of A Trabecular Metal Cup In First Time Revisions Reduce The Risk For Second Revision? A Multinational Register Study

Authors: Laaksonen, Inari / Gromov, Kirill / Graves, Stephen / Mäkelä, Keijo / Rolfson, Ola / Lorimer, Michelle / Mohaddes, Maziar  
Speaker: Laaksonen, Inari (United States)

Proximal Translation Within 2 Years Correctly Predicted 80% Of Acetabular Components To Be Loose Or Not Loose After Revision Total Hip Arthroplasty: The First Case Control Study With Confirmed Intraoperative Outcomes

Authors: Solomon, Bogdan / Abrahams, John / Callary, Stuart / Kim, Young Sung / De Ieso, Carmine / Costi, Kerry / Howie, Donald  
Speaker: Solomon, Bogdan (Australia)

Outcomes Of Two-Stage Revision Total Hip Arthroplasty For Infection Using An Interval Prosthesis Followed By Femoral Impaction Bone Grafting With Radiostereometric Analysis

Authors: Davidson, Jerome / Callary, Stuart / Pannach, Susan / Costi, Kerry / Hofstätter, Jochen / Smitham, Peter / Solomon, Bogdan / Howie, Donald  
Speaker: Davidson, Jerome (United Kingdom)

Impaction Bone Grafting Of Femur In Revision Hip Arthroplasty: 5- To 19-Years Follow-Up

Authors: Saraogi, Akash / Lokikere, Naveen / Siney, Paul / Nagai, Hajime / Purbach, Bodo / Raut, Videsh / Kay, Peter  
Speaker: Saraogi, Akash (United Kingdom)

Discussion

Wear Of A Conventional Head Taper In Comparison With Contemporary Metal-On-Metal Hip Arthroplasty Systems

Authors: Sidaginamale, Raghavendra / O'Hare, Jonathan / Joyce, Thomas / Lord, James / Holland, James / Nargol, Antoni / Deehan, David / Langton, David  
Speaker: Sidaginamale, Raghavendra (United Kingdom)

The Diagnostic Performance Of Radiographic Criteria To Detect Aseptic Acetabular Loosening After Revision Total Hip Arthroplasty

Authors: Solomon, Bogdan / Abrahams, John / Callary, Stuart / Kim, Young Sung / De Ieso, Carmine / Howie, Donald  
Speaker: Solomon, Bogdan (Australia)

08:15 – 09:45

The Clinical Implications Of Metal Debris Release From The Taper Junctions And Bearing Surfaces Of Metal-On-Metal Hip Arthroplasty. The Aseptic Lymphocytic Vasculitis Associated Lesion (ALVAL) Response And Soft-Tissue Injury

Authors: Sidaginamale, Raghavendra / O'Hare, Jonathan / Nargol, Antoni / Joyce, Thomas / Natu, Sonali / Langton, David  
Speaker: Sidaginamale, Raghavendra (United Kingdom)

Do Trabecular Metal Cups Improve The Results Of Hemispherical Porous Titanium Uncemented Cups In Acetabular Revision Surgery? A Mid-Term Follow-Up Clinical And Radiographic Study

Authors: Cruz-Pardos, Ana / Garcia-Rey, Eduardo / Fernandez-Fernandez, Ricardo / Ortega-Chamarro, Jose / Garcia-Cimbrello, Eduardo  
Speaker: Cruz-Pardos, Ana (Spain)

Discussion

Orthopaedics / Paediatric Orthopaedics

FREE PAPER

BONE AND JOINT INFECTIONS AND RARE CONDITIONS

Room London

08.15–09.45

Moderators: Synder, Marek (Poland), Alves, Cristina (Portugal)

Radiological And Clinical Outcomes For Children With Morquio Syndrome Presenting With Craniocervical Pathology

Authors: Williams, Nicole / Narducci, Alessandro / Eastwood, Deborah  
Speaker: Williams, Nicole (Australia)

Osteogenesis Imperfecta, Telescopic Vs. Nonteleostopic Rod Osteosynthesis

Authors: Sterian, Alin - Gabriel / Tevanov, Iulia / Carp, Madalina / Fodor, Ioan Emilian / Ulici, Alexandru  
Speaker: Sterian, Alin - Gabriel (Romania)

Combined 2 Centre Experience Over 8 Years With Fassier-Duval Telescopic Rodding For Severe Osteogenesis Imperfecta

Authors: Al-Mouazzen, Louay / Molodovan, Radu / Bache, Edward / Thomas, Simon  
Speaker: Al-Mouazzen, Louay (United Kingdom)

Septic Hip Arthritis In Paediatric Age

Authors: Talavera Buedo, Gloria / Merino Rueda, Luis Rodrigo / Mills, Sarah / Moraleda Novo, Luis / Moro Lago, Isabel  
Speaker: Talavera Buedo, Gloria (Spain)

Discussion

Severe Staphylococcus Aureus Bone And Joint Infections Associated With Pantan-Valentine Leukocidin (PVL) In Australian Children

Authors: Vasilunas, Nan / Clarke, Michelle / Williams, Nicole / Bell, Jan  
Speaker: Williams, Nicole (Australia)

Kingella Kingae The Commonest Cause Of Paediatric Septic Arthritis In A Prospective Cohort

Authors: Williams, Derfel / Williams, Nicole / Antoniou, Georgia / Cundy, Peter / Kochar, Amit / Cooper, Celia / Boros, Christina  
Speaker: Williams, Nicole (Australia)

Paediatric Pyogenic Sacroillitis: An Atypical Case Series

Authors: Arcangelo, Joana / Gouveia, Catarina / Grenho, André / Norte Ramos, Susana / Tavares, Delfin  
Speaker: Arcangelo, Joana (Portugal)

Uncoupling Developmental Hip Dysplasia From Birth: Is Term Gestation And Term Birth A Risk Factor For Developmental Dysplasia Of The Hip?

Authors: Samelis, Panagiotis / Kantanoleon, Sofia / Konstantinou, Apostolos / Anoua, Nikolaos / Papagrigorakis, Eftychios / Koulouvaris, Panagiotis / Nika, Angeliki / Kapetanakis, John  
Speaker: Samelis, Panagiotis (Greece)

Discussion

Navicular Tenosuspension With Anterior Tibialis Tendon (Young Procedure) Associated To Calcaneo-Stop For The Treatment Of Paediatric Flexible Flatfoot: Clinical And Ultrasound Study

Authors: Samaila, Elena Manuela / Bonetti, Ingrid / Dall'Oca, Carlo / Magnan, Bruno  
Speaker: Samaila, Elena Manuela (Italy)

08:15 – 09:45

Clinical Diagnostic Of Calcaneo-Navicular Coalitions

Authors: Sapogovskiy, Andrey / Kenis, Vladimir

Speaker: Sapogovskiy, Andrey (Russia)

Congenital Pseudoarthrosis Of Tibia (CPT): Comparison Of The Effect Of Lenghtening Rhythm To The Quality Of Callus And Complications

Authors: Balci, Halil Ibrahim / Pehlivanoglu, Tuna / Bayram, Serkan / Sen, Cengiz / Eralp, Ibrahim Levent / Kocaoglu, Mehmet

Speaker: Pehlivanoglu, Tuna (Turkey)

Juvenile Osteochondritis Dissecans Of The Knee: Idiopathic Or Malalignment As A Cause?

Authors: Fawi, Hassan / As-Sultany, Mohamed / Chevannes, Wystan / Rehm, Andreas

Speaker: Fawi, Hassan (United Kingdom)

Discussion

08:15 – 18:30

General Topics / Education

COMPREHENSIVE  
REVIEW COURSE  
08.15-18.30

COMPREHENSIVE REVIEW COURSE

Room Lisbon

Moderators: Omeroglu, Hakan (Turkey), Petek, Daniel (Switzerland), Cartucho, Antonio (Portugal), Suva, Domizio (Switzerland), Cáceres Palou, Enric (Spain), Stöckle, Ulrich (Germany), Hoffmeyer, Pierre (Switzerland), Dreinhöfer, Karsten (Germany)

Eye Opener

From Stadium Lights To OR Lights

Speaker: Neves Pinto, José (Portugal)

Basic Scienc

Biomechanics And Biomaterials For Musculoskeletal Applications

Speaker: Adekanmbi, Isaiah (United States)

Metabolic Bone Disease

Speaker: Dreinhöfer, Karsten (Germany)

Discussion

Paediatrics

Classification Et Principle Of Fracture Treatment In Childhood

Speaker: Omeroglu, Hakan (Turkey)

Foot Disorders Of Newborns

Speaker: Radler, Christof (Austria)

Hip Diseases In The Childhood

Speaker: Ganger, Rudolf (Austria)

Discussion

Reconstruction

Hip: Osteotomy Et Arthroplasty

Speaker: Tannast, Moritz (Switzerland)

Knee: Osteotomy Et Arthroplasty

Speaker: Petek, Daniel (Switzerland)

Ankle Osteoarthritis, Adult Acquired Flatfoot Deformity And Hallux Valgus

Speaker: Crevoisier, Xavier (Switzerland)

Degenerative Diseases Of The Cuff, Shoulder And Elbow

Speaker: Holzer, Nicolas (Switzerland)

Discussion

08:15 – 18:30

Knee, Infections & Tumors

ACL, PCL, Collaterals & Meniscus  
Speaker: Marcacci, Maurizio (Italy)

Infections After Total Joint Arthroplasty  
Speaker: Suva, Domizio (Switzerland)

Diagnostic & Recognition Of Primary Bone Tumors  
Speaker: Cannon, Stephen R. (United Kingdom)

Diagnostic Algorithm & Treatment Options In Bone Metastasis  
Speaker: Szendrői, Miklós (Hungary)

Discussion

Spine Incl. Trauma

Paediatric Idiopathic Scoliosis  
Speaker: Zambelli, Pierre-Yves (Switzerland)

Degenerative Spine Diseases & Spine Fractures  
Speaker: Cáceres Palou, Enric (Spain)

Discussion

Trauma Lower Limb

Fractures: Pelvic Ring & Acetabular Fractures  
Speaker: Stöckle, Ulrich (Germany)

Fractures: Femur, Tibia & Open Fractures  
Speaker: Rogmark, Cecilia (Sweden)

Fractures: Pilon, Ankle, Talus & Calcaneus  
Speaker: Teixidor, Jordi (Spain)

Discussion

Trauma Upper Limb

Fractures: Hand & Wrist  
Speaker: Gerber Popp, Ariane (Switzerland)

Fractures: Shoulder, Arm, Elbow & Forearm  
Speaker: Hoffmeyer, Pierre (Switzerland)

Discussion

10:15 – 11:15

Orthopaedics / Pelvis, Hip & Femur

CLINICAL CASES

CLINICAL CASES – PELVIS, HIP & FEMUR 2

Room Vienna

10.15-11.15

Moderators: Trebše, Rihard (Slovenia), Kärrholm, Johan (Sweden)

The Use Of The Short Stem In THR With Severe Femoral Deformity  
Authors: Peirano, Favio / Canale, Carlos / Varas, Gabriel / Brarda, Agustín  
Speaker: Peirano, Favio (Argentina)

Bone Cement Implantation Syndrome In The Elderly With Hip Fractures Treated With Cemented Hip Arthroplasty: A Report Of 3 Cases

Authors: Rodriguez, Luis Rey  
Speaker: Rodriguez, Luis Rey (Philippines)

Increased Metal Ion Concentration For Ceramic-On-Metal Total Hip Arthroplasty: The Next Loose Cannon?

Authors: Maurer-Ertl, Werner / Friesenbichler, Jörg / Bratschitsch, Gerhard / Prantke-Matzke, Diana / Maier, Michael / Leithner, Andreas  
Speaker: Maurer-Ertl, Werner (Austria)



10:15 – 11:15

Are Severe Deformities An Absolute Contraindication For Hip Arthroscopy?

Authors: Santori, Nicola / Bertino, Antonio / Potestio, Domenico

Speaker: Santori, Nicola (Italy)

Results Of Hip Arthroscopy In Patients With MRI Diagnosis Of Sub-Chondral Cysts: A Case Series

Authors: Hartigan, David E. / Perets, Itay / Close, Mary R. / Chaharbakhshi, Edwin O. / Walsh, John P. / Domb, Benjamin G.

Speaker: Perets, Itay (United States)

Arthroscopic Treatment Of Early Post-Traumatic Avascular Necrosis Of The Femoral Head

Authors: Oh, Byung Hak / Lee, Gi-Soo / Heo, Youn Moo / Wan, Yougun / Lee, Do Kyung

Speaker: Oh, Byung Hak (South Korea)

Orthopaedics / Pelvis, Hip & Femur

FREE PAPER

CUP ORIENTATION IN THA

Room Munich

10.15-11.15

Moderators: Krismer, Martin (Austria), Kruczynski, Jacek (Poland)

Cup Orientation After Total Hip Arthroplasty Is Not Challenged By Obesity Or Pre-Operative Anatomical Properties Of The Acetabulum

Authors: Latifi, Roshan / Glise, Bjørn / Husted, Henrik / Kallemose, Thomas / Troelsen, Anders / Gromov, Kirill

Speaker: Latifi, Roshan (Denmark)

Measurement Of Acetabular Cup Orientation During Total Hip Arthroplasty Using A New Device With Augmented Reality Technology

Authors: Ogawa, Hiroyuki / Matsubara, Masaaki / Okuda, Naoki / Kimura, Akimasa / Kase, Masanori

Speaker: Ogawa, Hiroyuki (Japan)

The Influence Of Different Pelvic Supports On Cup Inclination Angle Using The Posterior Approach

Authors: Meermans, Geert / Kats, Jan-Jaap

Speaker: Meermans, Geert (Belgium)

Assesment In The Transverse Plan: Are They Designs Offering Different Version Angles Required For An Anatomical Uncemented Stem In THA? A Prospective Clinical Study Assisted With Navigation System About 112 Cases

Authors: Asencio, Gerard / Gamain, Regis / Coulomb, Remy / Kouyoumdjian, Pascal

Speaker: Asencio, Gerard (France)

Discussion

Validation Of The Electromagnetic Navigation System For Cup Placement In Total Hip Arthroplasty And Comparison Of Accuracy With Free-Hand Technique

Authors: Mihalic, Rene / Mohar, Janez / Trebše, Rihard

Speaker: Mihalic, Rene (Slovenia)

IPAR (Inferior Edge Of The Posterior Acetabular Rim) And The Tear Drop And Their Relevance To Acetabular Cup Position In Total Hip Replacement

Authors: Bhaskar, Deepu / Jose Edakalathur, Jefin / Thomas, Suresh / Board, Tim / Rajpura, Asim

Speaker: Jose Edakalathur, Jefin (United Kingdom)

A Comparison Of Pelvic Tilt, Incidence, And Sacral Slope Prior To And Following Total Hip Arthroplasty

Authors: De Ladoucette, Aymard / Parker, Ashley / Fitch, David

Speaker: De Ladoucette, Aymard (France)

The Accuracy Of Acetabular Component Position Using A Novel Method To Determine Anteversion

Authors: Kasperek, Maximilian / Zingg, Matthieu / Emara, Ahmed K. / Faschingbauer, Martin / Waldstein, Wenzel / Boettner, Friedrich

Speaker: Kasperek, Maximilian (Austria)

Discussion

10:15 – 11:15

**Trauma / Shoulder & Upper Arm Trauma**

**EVIDENCE BASED MEDICINE SESSION**      **FRACTURES OF THE PROXIMAL HUMERUS: WHERE IS THE EVIDENCE?**      **Room Barcelona**  
**10.15–11.15**      **Moderator: Hoffmeyer, Pierre (Switzerland)**

Introduction  
 Speaker: Hoffmeyer, Pierre (Switzerland)

The Evidence For Osteosynthesis  
 Speaker: Lambert, Simon (United Kingdom)

The Evidence For Arthroplasty  
 Speaker: TBA, still to confirm

Should We Be Operating On Proximal Humerus Fractures?  
 Speaker: Nijs, Stefaan (Belgium)

Discussion

**Trauma / Hip & Femur Trauma**

**CLINICAL CASES**      **CLINICAL CASES – HIP & FEMUR TRAUMA 1**      **Room Brussels**  
**10.15–11.15**      **Moderators: Garnavos, Christos (Greece), Schlamme, Henri J. (Luxembourg)**

Open Reduction And Internal Fixation Of A Proximal Femoral Shaft Fracture In A Patient With Bilateral Congenital Hip Disease: A Case Report  
 Authors: Kanata, Stefania / Alexiadis, George / Anastasiadis, Antonis / Iliopoulos, Spyridon  
 Speaker: Kanata, Stefania (Greece)

Medial Migration Of The Intramedullary Gamma 3 Nail – A Case Report  
 Authors: Costa Pinheiro, Ana Alexandra / Alpoim, Bruno / Félix, António / Varino Sousa, Cristina / Alves, Carlos / Rodrigues, António  
 Speaker: Costa Pinheiro, Ana Alexandra (Portugal)

An Unusual Case Of Femoral Erosion Due To A Pseudoaneurysm Of The Profunda Femoris Artery Following Dynamic Hip Screw Fixation  
 Authors: Pervez, Anum / Courtice, Tori / Lidder, Surjit / George, Marc  
 Speaker: Pervez, Anum (United Kingdom)

Removing The Distal Fragment Of A Fractured Intramedullary Nail: A Novel Technique  
 Authors: El Alami, Wathik / Zhao, Craig / Slater, Robert Neil  
 Speaker: El Alami, Wathik (United Kingdom)

Avascular Necrosis Of Femoral Head After Intramedullary Nailing Of Femoral Shaft Fracture  
 Authors: Noriego Muñoz, Diana / Garcia-Die Sánchez, Agustí / Rodrigo López, Elena / Pérez Sánchez, Jose Maria / Marimon Giménez, Jesus  
 Speaker: Noriego Muñoz, Diana (Spain)

Bilateral Stress Fractures Of The Femur – Doing It Old School  
 Authors: Escobar, Marina / Rosário, Pedro / Mafra, Inês / Mota, Bruno / Portela Silva, Fernando / Franco, José  
 Speaker: Escobar, Marina (Portugal)

**Orthopaedics / Knee & Lower Leg**

**FREE PAPER**      **PATIENTS PERCEPTION AND SATISFACTION AFTER TKA**      **Room Madrid**  
**10.15–11.15**      **Moderators: Virolainen, Petri (Finland), Windhager, Reinhard (Austria)**

Pre-Operative Physical Therapy Education Improves Post-Operative Function And Satisfaction Post Total Joint Arthroplasty  
 Authors: Soeters, Rupali / White, Peter / Burket, Jayme / Murray-Weir, Mary / Alexiades, Michael / Ranawat, Amar  
 Speaker: Soeters, Rupali (United States)

10:15 – 11:15

Predictors Of TKA Outcomes At 12-Months Follow-Up

Authors: Sveikata, Tomas / Kanopa, Paulius / Klimas, Dalius / Porvaneckas, Narunas  
Speaker: Sveikata, Tomas (Lithuania)

Predictive Value Of WOMAC, KOOS, And SF-12-Score For Knee Arthroplasty; Data From The OAI-Initiative

Authors: Faschingbauer, Martin / Kasperek, Maximilian / Schadler, Paul / Trubrich, Angela / Urlaub, Stefanie Doris / Boettner, Fritz  
Speaker: Faschingbauer, Martin (Germany)

Can Pre-Operative Assessment Of Patient Profile Predict Short-Term Functional Outcomes And Satisfaction After TKA?

Authors: Ollivier, Matthieu / Parratte, Sébastien / Flecher, Xavier / Argenson, Jean-Noël  
Speaker: Ollivier, Matthieu (France)

Discussion

A Clinical Pathway And Satisfaction In Outpatient Total Knee Replacement In 136 Patients

Authors: Reyes, Jose Francisco / Reyes, Alvaro  
Speaker: Reyes, Jose Francisco (Colombia)

Greater Functional Improvement In 55-Years-Old and Younger Patients Did Not Result In Higher Rates Of Satisfaction, Expectation Fulfilment Or Quality Of Life After Total Knee Arthroplasty: A Propensity Score Matched Analysis

Authors: Goh, Graham / Liow, Lincoln / Chong, Hwei Chi / Pang, Hee Nee / Tay, Darren / Chia, Shi-Lu / Lo, Ngai Nung / Yeo, Seng Jin  
Speaker: Goh, Graham (Singapore)

Sports After Total Knee Replacement. Is It Possible Without Influencing TKA Survivorship?

Authors: Bercovy, Michel / Kerboull, Luc / Sailhan, Frederic  
Speaker: Sailhan, Frederic (France)

When Do Patients Return To Work Following A Joint Replacement?

Authors: De Cruz, Penelope / MCGonagle, Lorcan / Fick, Daniel / Khan, Riaz / Haebich, Samantha  
Speaker: De Cruz, Penelope (Australia)

Discussion

Trauma

FREE PAPER

AWARD COMPETITION FREE PAPERS TRAUMA

Room Helsinki

10.15–11.15

Moderators: Verhaar, Jan (Netherlands, The), Bégué, Thierry (France)

Interprosthetic Fracture Risk Following Ipsilateral Hip And Knee Arthroplasty – Relevance Of Interprosthetic Distance

Authors: Märdian, Sven / Duda, Georg / Schwabe, Philipp / Moewis, Philippe / Cilla, Myriam / Heyland, Mark  
Speaker: Märdian, Sven (Germany)

Weightbearing Radiographs Vs. Gravity Stress Radiographs For Stability Of Supination-External Rotation Fractures Of The Ankle

Authors: Krause, Fabian / Seidel, Angela / Weber, Martin  
Speaker: Krause, Fabian (Switzerland)

Odontoid Type II Fractures In The Elderly – Complications And Mortality

Authors: Sheikh, Hassaan Qaiser / Doshi, Arpan / Breakwell, Lee / Chiverton, Neil / Cole, Ashley / Athanassacopoulos, Michael / Michael, Antony Louis Rex  
Speaker: Sheikh, Hassaan Qaiser (United Kingdom)

The Purpose Of Use Of A Targeting Exercise Program To Minimise The Post-Operative Strength Deficit Of Abductors Muscles After Hip Fracture

Authors: Stasi, Sofia / Papaathanasiou, George / Papaioannou, Nikolaos / Chronopoulos, Efstathios  
Speaker: Chronopoulos, Efstathios (Greece)

Long-Term Functional Results Of Pink Pulseless Supracondylar Fractures In Children Treated Conservatively

Authors: Carbonell, Rafael / Morelada, Luis / Valencia, Maria / Diez, J.  
Speaker: Carbonell, Rafael (Spain)

10:15 – 11:15

The Influence Of Sex And Trauma Impact On The Rupture Site Of The Ulnar Collateral Ligament Of The Thumb  
 Authors: Bösmüller, Sandra / Meznik, Alexander / Rettl, Gregor / Dahm, Falko / Muschitz, Gabriela / Kitzinger, Hugo / Huf, Wolfgang / Bukaty, Adam / Fialka, Christian / Vierhapper, Martin  
 Speaker: Bösmüller, Sandra (Austria)

Voting

Results & Awards

**Orthopaedics / Musculoskeletal Infections**

**INSTRUCTIONAL LECTURE** **TREATMENT OF CHRONIC ORTHOPAEDIC INFECTIONS** Room Florence  
 10.15-11.15 Moderator: Malizos, Konstantinos (Greece)

Lecturer: Winkler, Heinz (Austria)

**General Topics / Methodology**

**INSTRUCTIONAL LECTURE** **IMAGING IN PERIPROSTHETIC ASSESSMENT** Room Nice  
 10.15-11.15 Moderator: Gebhard, Florian (Germany)

Lecturer: Lohmann, Christoph (Germany)

**Orthopaedics / Foot & Ankle**

**CLINICAL CASES** **CLINICAL CASES – FOOT & ANKLE** Room Geneva  
 10.15-11.15 Moderators: Rochwerger, Alexandre (France), Monteagudo, Manuel (Spain)

An Original Technique To Address An Intermetatarsal Coalition

Authors: Luyet, Anaïs / Rayan, Baalbaki / Crevoisier, Xavier  
 Speaker: Luyet, Anaïs (Switzerland)

Equinovagovarus Foot – Severe Foot Deformity And Ankle Instability

Authors: Teixeira Mota, Pedro / Lemos Lopes, António / Maio, Marta Daniela / Sapage, Rita / Branco, Carlos / Pintado, Carlos  
 Speaker: Teixeira Mota, Pedro (Portugal)

Synovial Chondromatosis Of The Ankle In A Young Male

Authors: Martins, Sandra / Silva, Sara / Pereira, Joana / Carvalho, João Das Does / Ferreira, Nuno  
 Speaker: Martins, Sandra (Portugal)

Flecting Osteotomy Of Distal Tibia For Salvage Of The Malunited And Osteoarthritic Ankle

Authors: Lötscher, Patrick / Zwicky, Lukas / Schweizer, Christine / Hintermann, Beat  
 Speaker: Lötscher, Patrick (Switzerland)

New Technique For The Treatment Of Freiberg Disease – One Case

Authors: Rubiano Ortiz, Karol Gabriela / Molano, Julian David  
 Speaker: Molano, Julian David (Colombia)

Arthrodesis For Subtalar And Talocrural Joint Instability With Infection In Jaccoud's Arthropathy Complicated With Systemic Lupus Erythematosus

Authors: Tanimura, Eri / Katoh, Shojiro  
 Speaker: Tanimura, Eri (Japan)

**Orthopaedics / Shoulder & Upper Arm**

**CLINICAL CASES** **CLINICAL CASES – SHOULDER & UPPER ARM** Room Berlin  
 10.15-11.15 Moderators: Gomes, Nuno (Portugal), Meyer, Dominik C. (Switzerland)

Thoracic Outlet Syndrome – A Rare Difficult Clinical Case

Authors: Couto, André / Lopes, Miguel / Rosa, Joao / Ramos, Acacio / Leite, Fernando  
 Speaker: Couto, André (Portugal)

10:15 – 11:15

Massive Osteolysis Of Proximal Humerus Bilateral: Gorham-Stout Syndrome

Authors: Gómez Gómez, Silvia / Cabezuelo Díaz-Miguel, Eduardo / Bares Fernandez, Ignacio / Juarez Tosina, Rocio / Crespo Romero, Eusebio / Sanchez-Fernandez, Simon Angel / Alcazar Carmona, Patricia Mercedes  
Speaker: Gómez Gómez, Silvia (Spain)

Experiences In Sternoclavicular Joint Arthroplasty – Developing A Novel Prosthesis And Surgical Technique

Authors: Burns, Sophia / Thangarajah, Tanujan / Lambert, Simon  
Speaker: Burns, Sophia (United Kingdom)

Psychogenic Lim Length Discrepancy Of Upper Limbs

Authors: Shah, Faisal Younis / Kotwal, Hilal  
Speaker: Shah, Faisal Younis (India)

Osteolytic Metastatic Lesion Of The Proximal Ulna From Renal Carcinoma: Tumor Excision And Reconstruction Of The Proximal Third Of The Ulna With Free Non-Vascularised Fibular Graft

Authors: Kokkalis, Zinon / Panagopoulos, Andreas / Tatani, Irini / Iliopoulos, Ilias / Megas, Panagiotis  
Speaker: Panagopoulos, Andreas (Greece)

Reverse Shoulder Arthroplasty In Post-Traumatic Shoulder Arthritis – Can It Improve Function In Younger Patients? A Case Report

Authors: Boavida, João / Pinheiro, Vitor Hugo / Pinto, André / Costa, Paulo / Monjardino, Maria / Inês, Ana  
Speaker: Boavida, João (Portugal)

10:15 – 12:30

Trauma / Shoulder & Upper Arm Trauma

INTERACTIVE  
EXPERT  
EXCHANGE

HUMERAL SHAFT FRACTURES

Room Copenhagen

Moderator: Muñoz Vives, Josep (Andorra)

10.15–12.30

Introduction

Speaker: Muñoz Vives, Josep (Andorra)

Questions And Presentations

Conservative Treatment

Speaker: Giannoudis, Peter (United Kingdom)

Nailing

Speaker: Blum, Jochen (Germany)

Plating

Speaker: Plecko, Michael (Austria)

Plating – Minimally Invasive

Speaker: Lopez-Arevalo, Rafael Francisco (Spain)

Voting Session

Speaker: Muñoz Vives, Josep (Andorra)

Discussion On Clinical Cases

Clinical Case 1

Speaker: Giannoudis, Peter (United Kingdom)

Clinical Case 2

Speaker: Blum, Jochen (Germany)

Clinical Case 3

Speaker: Plecko, Michael (Austria)

Clinical Case 4

Speaker: Lopez-Arevalo, Rafael Francisco (Spain)

Provocateur

Speaker: Stöckle, Ulrich (Germany)

10:15 – 12:30

Provocateur  
Speaker: Candrian, Christian (Switzerland)

Voting Session Et Conclusions  
Speaker: Muñoz Vives, Josep (Andorra)

### Orthopaedics / Knee & Lower Leg

**INTERACTIVE EXPERT EXCHANGE**      **SMALL IMPLANTS UPDATE**      Room Istanbul  
10.15-12.30      Moderator: Thienpont, Emmanuel (Belgium)

Introduction  
Speaker: Thienpont, Emmanuel (Belgium)

Questions And Presentations

The Medial Unicompartmental Arthroplasty  
Speaker: Benazzo, Francesco (Italy)

The Lateral Unicompartmental Arthroplasty  
Speaker: Argenson, Jean-Noël (France)

The Bicompartamental Arthroplasty  
Speaker: Barrett, David Stuart (United Kingdom)

The Patellofemoral Arthroplasty  
Speaker: Eldridge, Jonathan (United Kingdom)

Summary  
Speaker: Thienpont, Emmanuel (Belgium)

Discussion On Clinical Cases

Clinical Case 1  
Speaker: Benazzo, Francesco (Italy)

Clinical Case 2  
Speaker: Argenson, Jean-Noël (France)

Clinical Case 3  
Speaker: Barrett, David Stuart (United Kingdom)

Clinical Case 4  
Speaker: Eldridge, Jonathan (United Kingdom)

Conclusions  
Speaker: Thienpont, Emmanuel (Belgium)

### Orthopaedics / Pelvis, Hip & Femur

**INTERACTIVE EXPERT EXCHANGE**      **REVISION HIP ARTHROPLASTY**      Room Paris  
10.15-12.30      Moderator: Macheras, George (Greece)

Introduction  
Speaker: Macheras, George (Greece)

Questions And Presentations

Dealing With Bone Loss On The Acetabular Side  
Speaker: Argenson, Jean-Noël (France)

Dealing With Bone Loss On The Femoral Side  
Speaker: Schreurs, Willem (Netherlands, The)

10:15 – 12:30

Periprosthetic Fractures. The Place For Osteosynthesis

Speaker: Perka, Carsten (Germany)

Periprosthetic Fractures. The Place For Revision

Speaker: Haddad, Fares (United Kingdom)

Summary

Speaker: Macheras, George (Greece)

Discussion On Clinical Cases

Clinical Case 1

Speaker: Argenson, Jean-Noël (France)

Clinical Case 2

Speaker: Schreurs, Willem (Netherlands, The)

Clinical Case 3

Speaker: Perka, Carsten (Germany)

Clinical Case 4

Speaker: Haddad, Fares (United Kingdom)

Provocateur

Speaker: Karachalios, Theofilos (Greece)

Provocateur

Speaker: Tokgozoglu, Mazhar (Turkey)

Conclusions

Speaker: Macheras, George (Greece)

### Orthopaedics / Paediatric Orthopaedics

INTERACTIVE  
EXPERT  
EXCHANGE  
10.15-12.30

INTERDISCIPLINARY APPROACH TO TREAT COMPLEX CONGENITAL LIMB  
DEFORMITIES

Room London

Moderator: Sackers, Ralph (Netherlands, The)

Introduction

Speaker: Sackers, Ralph (Netherlands, The)

Questions And Presentations

Maximum Leg Lengthening Possibilities

Speaker: Ganger, Rudolf (Austria)

Timing Of Limb Lengthening

Speaker: Wirth, Thomas (Germany)

Better Function And Quality Of Life

Speaker: Kaastad, Trine Sand (Norway)

Future Changes In Decision Making

Speaker: Hanspal, Rajiv (United Kingdom)

Discussion On Clinical Cases

Clinical Case 1

Speaker: Ganger, Rudolf (Austria)

Clinical Case 2

Speaker: Wirth, Thomas (Germany)

Clinical Case 3

Speaker: Kaastad, Trine Sand (Norway)

10:15 – 12:30

Clinical Case 4  
Speaker: Hanspal, Rajiv (United Kingdom)

Provocateur  
Speaker: Radler, Christof (Austria)

Provocateur  
Speaker: Journeau, Pierre (France)

Summary  
Speaker: Sackers, Ralph (Netherlands, The)

11:30 – 12:30

Orthopaedics / Pelvis, Hip & Femur

FREE PAPER      SHORT STEM      Room Vienna

11.30–12.30      Moderators: Siebert, Werner (Germany), Zagra, Luigi (Italy)

No Difference In Gait Parameters Between Short Stem And Conventional Hip Arthroplasty After One-Stage Bilateral Total Hip Arthroplasty  
Authors: Zügner, Roland / Tranberg, Roy / Puretic, Goran / Kärrholm, Johan  
Speaker: Zügner, Roland (Sweden)

Randomised Controlled Study Comparing The Short Collum Femoris Preserving (CFP) And The Corail Prosthesis: Preliminary Results  
Authors: Klein, Liesbeth / Puretic, Goran / Mohaddes, Maziar / Kärrholm, Johan  
Speaker: Klein, Liesbeth (Netherlands, The)

Prospective Clinical Trial Assessing: The Nanos® Short Femoral Stem Prosthesis In Total Hip Arthroplasty  
Authors: Ilyas, Jami / J.K.Khan, Riaz / P. Fick, Daniel / Haebich, Samantha / Mee, William / Nivbrant, Bo  
Speaker: Ilyas, Jami (Australia)

2- To 5-Years Results Of A Femoral Neck Preserving Uncemented Type 2B Short Stem In Primary THA  
Authors: Buttarro, Martin / Nally, Francisco / Salcedo, Ricardo / Comba, Fernando / Slullitel, Pablo / Piccaluga, Francisco  
Speaker: Slullitel, Pablo (Argentina)

Discussion

Medacta Amistem: International, Multi-Centre, Prospective, Observational Study – ODEP Study 5-Years Results  
Authors: Vejsbjerg, Karen / Everett, Samuel / Afzal, Irrum / Dora, Claudio / Crawford, Edward / Field, Richard  
Speaker: Everett, Samuel (United Kingdom)

Intra And Post-Operative Femoral Fractures And Femoral Shortened Stem: About A Prospective Series Of 735 Cases  
Authors: Puch, Jean Marc / Descamps, Loÿs / Derhi, Guy  
Speaker: Puch, Jean Marc (France)

5-Years Experience With The Fitmore™ Stem – A Prospective Multi-Centre Clinical Follow-Up Study  
Authors: Thalmann, Caroline / Bereiter, Heinz / Postler, Anne / Günther, Klaus-Peter / Cattaneo, Gabriele / Camera, Andrea / Kluge, Wolfram / Grogan, Richard / Chotta, Said / Goetze, Christian / Stoffel, Karl  
Speaker: Thalmann, Caroline (Switzerland)

Corin Minihip®: International, Multi-Centre, Prospective, Observational Study – ODEP Study  
Authors: Carr, Alastair / Allen, Felix / Afzal, Irrum / Stafford, Giles / Shardlow, David / Hull, Jonathan / Woodnutt, David / Kashif, Fadhil / Field, Richard  
Speaker: Carr, Alastair (United Kingdom)

Discussion

Orthopaedics / Pelvis, Hip & Femur

FREE PAPER      STABILITY – THA      Room Munich

11.30–12.30      Moderators: Kinov, Plamen (Bulgaria), Furnes, Ove (Norway)

Primary Stability In Total Hip Stems – Does Surgical Technique Matter?  
Authors: Steens, Wolfram / Souffrant, Robert / Kluess, Daniel / Bader, Rainer / Mittelmeier, Wolfram  
Speaker: Steens, Wolfram (Germany)



11:30 – 12:30

In Vitro Wear And Fatigue Tests Of A Cross-Linked Polyethylene Dual Mobility Insert Against Worn Birmingham Hip Resurfacing Cups

Authors: Li, Chenxi / Aldinger, Patrick  
Speaker: Li, Chenxi (United Kingdom)

The Effect Of Modular Necks In Primary Hip Arthroplasty To Post-Operative Dislocation

Authors: Nakura, Nariaki / Hirakawa, Kazuo / Takayanagi, Satoshi / Saito, Akira / Tsuji, Koji / Ochiai, Shunsuke / Tamaki, Yasunobu / Mihara, Masahiko  
Speaker: Nakura, Nariaki (Japan)

Prevention Of Dislocation With Dual Mobility Cup In Hip Replacement In Elderly And In Patients With Neuromuscular Diseases

Authors: Lucidi, Giannicola / Trono, Marco / Lamponi, Federico / Lucidi, Gian Andrea  
Speaker: Lucidi, Gian Andrea (Italy)

Discussion

Does Age And Physical Function Affect Outcome Following Total Hip Replacement?

Authors: Bardgett, Michelle / Ramaskandhan, Jayasree / Weir, David / Gerrand, Craig / Hashmi, Munawar / Langton, David / Holland, James  
Speaker: Ramaskandhan, Jayasree (United Kingdom)

Capsular Resection Vastly Increases The Dislocation Risk In Primary Total Hip Arthroplasty – A Multivariate Analysis Of 3,031 Cases

Authors: Prietzel, Torsten / Lehmann, Thomas / Schleifenbaum, Stefan / Sommer, Gerald / Möbius, Robert / Grunert, Ronny / Hammer, Niels  
Speaker: Prietzel, Torsten (Germany)

Incidence Of Recurrent Dislocation Of Total Hip Replacement

Authors: Sahemey, Rajpreet / Dhawan, Rohit / Youssef, Bishoy / Lim, Justin  
Speaker: Sahemey, Rajpreet (United Kingdom)

Challenges In Surgical Resection Of Severe Heterotopic Ossification Of The Hip

Authors: Macheras, George / Lepetsos, Panagiotis / Leonidou, Andreas / Anastasopoulos, Panagiotis / Schizas, Nikitas / Galanakis, Spyridon / Tsiridis, Eleftherios  
Speaker: Lepetsos, Panagiotis (Greece)

Discussion

### Trauma / Hand & Wrist Trauma

**INSTRUCTIONAL LECTURE** NERVE INJURIES OF THE UPPER EXTREMITY AND HAND

Room Barcelona

Moderator: Romanowski, Leszek (Poland)

11.30-12.30

Lecturer: Wiberg, Mikael (Sweden)

### Trauma / Hip & Femur Trauma

**CLINICAL CASES** CLINICAL CASES – HIP & FEMUR TRAUMA 2

Room Brussels

Moderators: Rogmark, Cecilia (Sweden), Cimerman, Matej (Slovenia)

11.30-12.30

Combination Of Masquelet Technique And Intramedullary Nailing For The Treatment Of Very Large Bone Femoral Defect. A Rare Case Report

Authors: Kyriakopoulos, Christos / Alexiadis, George / Tsakiroopoulos, Charalampos / Anoua, Nikolaos / Fotoniatas, Ioannis  
Speaker: Kyriakopoulos, Christos (Greece)

Femoral Recalcitrant Atrophic Non-Union Treated With Megaprosthesis: A Case Report

Authors: Alonso Viana, Laura / Garcés Zarzalejo, Carlos / Cuadrado Abajo, Francisco / Pérez Aguilar, María Dolores / Estellés Marcos De León, Luis / Pérez Núñez, María Isabel  
Speaker: Alonso Viana, Laura (Spain)

Spontaneous Thigh Swelling With Progressive Sciatic Nerve Palsy

Authors: Weerasuriya, Thisara / Young, Kenneth  
Speaker: Weerasuriya, Thisara (United Kingdom)

11:30 – 12:30

Osteomyelitis Caused By Panton-Valentine Leukocidin–Producing Methicillin-Resistant Staphylococcus Aureus  
Authors: Escámez Fernández, Fernando / Núñez De Armas, Joaquín / Carbonell, Rafael / Vaquero Picado, Alfonso / Gil Garay, Enrique  
Speaker: Escámez Fernández, Fernando (Spain)

Paradoxical Cerebral Fat Embolism After Cemented Bipolar Hip Arthroplasty For Femoral Neck Fracture: A Case Report  
Authors: Tokuumi, Yuji / Komine, Nobuhiko  
Speaker: Tokuumi, Yuji (Japan)

A Case Of Bilateral Greater Trochanteric Avulsion Fractures After Bilateral Simultaneous Total Hip Arthroplasty Via Posterior Approach During Early Post-Operative Phase  
Authors: Tagomori, Hiroaki / Kaku, Nobuhiro / Tabata, Tomonori / Kanezaki, Shozo / Tsumura, Hiroshi  
Speaker: Tagomori, Hiroaki (Japan)

### Orthopaedics / Knee & Lower Leg

**INSTRUCTIONAL LECTURE**      **MANAGEMENT OF TRAUMATIC MENISCUS TEARS AND DEGENERATIVE MENISCUS LESIONS**      Room Madrid  
11.30–12.30      **Moderator: Victor, Jan (Belgium)**

Lecturer: Beaufils, Philippe (France)

### Orthopaedics

**FREE PAPER**      **AWARD COMPETITION FREE PAPERS ORTHOPAEDICS**      Room Helsinki  
11.30–12.30      **Moderators: Verhaar, Jan (Netherlands, The), Bégué, Thierry (France)**

Why Should Unplanned Excisions Best Be Avoided In Soft-Tissue Sarcomas? Results Of A Multi-Centre Study Including 728 Patients  
Authors: Smolle, Maria Anna / Tunn, Per-Ulf / Goldenitsch, Elisabeth / Posch, Florian / Szkandera, Joanna / Bergovec, Marko / Liegl-Atzwanger, Bernadette / Leithner, Andreas  
Speaker: Smolle, Maria Anna (Austria)

Does Cortical Activation Hold The Key To Shoulder Instability?  
Authors: Howard, Anthony / Powell, Joanne / Gibson, Jo / Hawkes, David / Alzadehkhayat, Omid / Kemp, Graham  
Speaker: Howard, Anthony (United Kingdom)

Does The Surgeon's Experience Affect Patient-Reported Outcomes 1 Year After Primary Total Hip Arthroplasty? A Register-Based Study Of 6,713 Cases In Western Sweden  
Authors: Jolbäck, Per / Mohaddes, Maziar / Lindahl, Hans / Kärrholm, Johan / Rolfson, Ola / Garellick, Göran  
Speaker: Jolbäck, Per (Sweden)

Randomised Control Trial : The Functional Benefits Of Retaining The Infrapatellar Fat Pad In A Total Knee Replacement  
Authors: Howard, Anthony / Ballal, Moez / Cartwright-Terry, Matthew / Santini, Alasdair / Davidson, John / Phillipson, Andrew / Banks, Jo  
Speaker: Howard, Anthony (United Kingdom)

Supramalleolar Osteotomy: A Joint-Preserving Option For Advanced Ankle Osteoarthritis  
Authors: Karpe, Prasad / Tangirala, Ravishankar / Limaye, Rajiv  
Speaker: Karpe, Prasad (United Kingdom)

Does A Previous Total Hip Replacement Influence Patient-Reported Outcomes In Patients Undergoing Low Back Surgery?  
Authors: Eneqvist, Ted / Bülow, Erik / Nemes, Szilard / Brisby, Helena / Garellick, Göran / Frizell, Peter / Rolfson, Ola  
Speaker: Eneqvist, Ted (Sweden)

Voting

Results & Awards

11:30 – 12:30

Orthopaedics / Musculoskeletal Infections

CLINICAL CASES CLINICAL CASES – MUSCULOSKELETAL INFECTIONS Room Florence

11.30–12.30 Moderators: Malizos, Konstantinos (Greece), Drago, Lorenzo (Italy)

Efficiency Of Intramedullary Local Biodegradable Implants In Surgical Treatment Of Femoral Shaft Post-Traumatic Osteomyelitis (A Report Of Three Cases)

Authors: Tuleubaev, Berik / Saginova, Dina / Kurmangaliyev, Erkin-Daur / Vasiliev, Konstantin / Saginov, Azim  
Speaker: Saginova, Dina (Kazakhstan)

Intermittent Negative Pressure Wound Therapy With Instillation For The Treatment Of Early Chronic Infections Of Two Patients With Tumor Prosthesis. A Report Of Two Cases

Authors: Özkan, Korhan / Uygur, Esat / Demiroglu, Murat / Kiliç, Bülent / Erol, Bülent  
Speaker: Özkan, Korhan (Turkey)

Periprosthetic Shoulder Infection Caused By Kocuria Rosea – A Rare Etiologic Agent

Authors: Campos, Pedro / Rosa, Bárbara / Barros, André / Karmali, Samir / Almeida, João / Neto, Pedro / Gomes, Diogo  
Speaker: Campos, Pedro (Portugal)

Pubic Osteomyelitis In A Combat Training Soldier: A Case Report

Authors: Segal, David / Mann, Gideon / Nyska, Meir / Marom, Niv / Eshed, Iris / Yaacobi, Eyal  
Speaker: Segal, David (Israel)

Arthroscopic Treatment Of Psoas Abscess Concurrent With Septic Arthritis Of The Hip Joint

Authors: Kekatpure, Aditya / Kim, Chul-Ho / Park, Jae In / Jeong, Mi Yeon / Chang, Jae Suk / Yoon, Pil Whan  
Speaker: Kekatpure, Aditya (South Korea)

Osseocutaneous Reconstruction Of Medial Clavicle And Sternoclavicular Joint Tuberculous Osteomyelitis: Technique And Outcome

Authors: Ou Yang, Youheng / Choke, Abby / Tan, Bien Keem / Howe, Tet Sen / Koh, Joyce Suang Bee  
Speaker: Ou Yang, Youheng (Singapore)

General Topics / Basic Sciences

FREE PAPER BASIC SCIENCE STUDIES IN PATIENTS AND HUMAN SUBJECTS Room Nice

11.30–12.30 Moderators: Martson, Aare (Estonia), Rosset, Philippe (France)

Fibrin-Blood Clot Formation In Fracture Fragments Space As The Primary Stage Of Diaphyseal Fracture Healing

Authors: Pidgaiska, Olga / Litvishko, Valeriy / Ashukina, Nataliya / Grigorjev, Vitaliy / Popsuishapka, Oleksii  
Speaker: Pidgaiska, Olga (Ukraine)

Inflammatory Profile And Osteogenic Potential Of Fracture Haematoma In Humans

Authors: Walters, Gavin / Pountos, Ippokratis / Giannoudis, Peter  
Speaker: Walters, Gavin (United Kingdom)

Anatomical Variation In Osteoblast Function And Its Implications For Total Joint Arthroplasty

Authors: Ali, Erden / Brooks, Roger / Rushton, Neil  
Speaker: Ali, Erden (United Kingdom)

Investigation Of The Total Number Of Native Mesenchymal Stem Cells And Their Gene Expression Levels From Osteoporotic And Osteoarthritic Femoral Heads

Authors: Singh, Rahul / Churchman, Sarah / Jones, Elena / Mcgonagle, Dennis / Giannoudis, Peter  
Speaker: Singh, Rahul (United Kingdom)

Discussion

10-Minutes Ergometer Rowing Exercise Increases Pressure Pain Thresholds In High Performance Rowers

Authors: Simpson, Ashley Iain / Pearson, Richard / Scammell, Brigitte  
Speaker: Simpson, Ashley Iain (United Kingdom)

Anatomical Study Of The Lateral Ulnar Collateral Ligament: Anthropometric Parameters And Morphotypes Definition

Authors: Noriego Muñoz, Diana / Reina De La Torre, Francisco / Madirolas Alonso, Francisco Javier / Carrera Burgaya, Anna  
Speaker: Noriego Muñoz, Diana (Spain)

11:30 – 12:30

3D Modeling Of Muscle Attachment Sites: The Clavicle

Authors: Herteleer, Michiel / Herijgers, Paul / Nijs, Stefaan

Speaker: Herteleer, Michiel (Belgium)

The Correlation Between Collodiaphyseal Angle And Bone Age Based On 1005 EOS 3D-Reconstructions

Authors: O'Sullivan, Ian / Schlégl, Ádám Tibor / Varga, Péter / Than, Péter / Vermes, Csaba

Speaker: O'Sullivan, Ian (Hungary)

Discussion

### Orthopaedics / Foot & Ankle

INSTRUCTIONAL  
LECTURE

ARTHROSCOPY IN HINDFOOT INJURIES (ACUTE AND SEQUELLAE)

Room Geneva

11.30-12.30

Moderator: Delmi, Marino (Switzerland)

Lecturer: Ögüt, Tahir (Turkey)

### Orthopaedics / Shoulder & Upper Arm

INSTRUCTIONAL  
LECTURE

ACROMION AND GLENOID SHAPE: WHY ARE THEY IMPORTANT PREDICTIVE  
FACTORS OF THE FUTURE OF OUR SHOULDERS?

Room Berlin

11.30-12.30

Moderator: Limb, David (United Kingdom)

Lecturer: Nyffeler, Richard Walter (Switzerland)

12:45 – 13:15

### General Topics / Quality Management

EFORT MICHAEL  
FREEMAN  
HONORARY  
LECTURE

FAST-TRACK HIP AND KNEE REPLACEMENT – HAVE WE REACHED THE GOAL?

Room Vienna

12.45-13.15

Moderator: Verhaar, Jan (Netherlands, The)

Speaker: Kehlet, Henrik (Denmark)

15:00 – 16:30

### Orthopaedics / Pelvis, Hip & Femur

SYMPOSIUM

PERIPROSTHETIC FRACTURE IN THA

Room Vienna

15.00-16.30

Moderator: Siebert, Werner (Germany)

Periprosthetic Fractures In THA – Biomechanics, Research And General Principles Of The Treatment

Speaker: Tsiridis, Eleftherios (Greece)

Management Of Periprosthetic Fractures Of The Acetabulum

Speaker: Zettl, Ralph (Switzerland)

Periprosthetic Fractures Around The Hip: Vancouver B-Types: What Is The Difficulty To Treat?

Speaker: Burger, Christof (Germany)

Complications After Osteosynthesis Of Periprosthetic Fractures

Speaker: Ruchholtz, Steffen (Germany)

Discussion

Friday  
2 June

15:00 – 16:30

**General Topics / Implants, Biomaterials & Registry Study**

**SYMPOSIUM** **NORE SESSION** **Room Munich**

**15.00–16.30** **Moderators: Nelissen, Rob G. H. H. (Netherlands, The), Kjaersgaard-Andersen, Per (Denmark)**

Overview NORE 2016 – 2017

Speaker: Nelissen, Rob G. H. H. (Netherlands, The)

Medical Devices Regulations And Market Introduction

Speaker: Smirthwaite, Amie (United Kingdom)

Mix And Match: Does It Matter? An Engineering View

Speaker: Spierings, Pieter (Netherlands, The)

RSA: A Predictor For Outcome Of New Implants

Speaker: Nelissen, Rob G. H. H. (Netherlands, The)

Surgeons Tools: ODEP And Beyond Compliance

Speaker: Tucker, Keith (United Kingdom)

Discussion

**Trauma / Spine Trauma**

**SYMPOSIUM** **CERVICAL SPINE INJURIES IN SPORTS PRACTICE** **Room Barcelona**

**15.00–16.30** **Moderator: Thoreux, Patricia (France)**

Cervical Spine Injuries In Judo And Combat Sports

Speaker: Jung, Maximilien (Switzerland)

Cervical Spine Injuries In Rugby

Speaker: Carmont, Mike (United Kingdom)

Cervical Spine Injuries In Winter Sports

Speaker: Vidal, Aleix (Spain)

How To Prevent Cervical Spine Injuries? The Experience Of The FIA Prevention Program

Speaker: Mellor, Andy (United Kingdom)

Discussion

**Trauma / Hip & Femur Trauma**

**FREE PAPER** **EXTRACAPSULAR AND INTRACAPSULAR FRACTURES & ARTHROPLASTY** **Room Brussels**

**15.00–16.30** **Moderators: Berlusconi, Marco (Italy), Felicissimo, Paulo (Portugal)**

Unlocked Vs. Dynamic And Static Distal Locked Femoral Nails In Stable Intertrochanteric Fractures. A Prospective Randomised Multi-Centre Study

Authors: Caiaffa, Vincenzo / Vicenti, Giovanni / Mori, Claudio Maria / Conserva, Vito Giuseppe / Corina, Gianfranco / Abate, Antonella / Carrozzo, Massimiliano / Picca, Girolamo / Rollo, Giuseppe / Freda, Valeria / Leone, Andrea / De Crescenzo, Angelo / Solarino, Giuseppe / Moretti, Biagio

Speaker: Carrozzo, Massimiliano (Italy)

Auditing The Adherence To National Institute For Health And Care Excellence Neck Of Femur Fracture Guidelines In A UK District General Hospital

Authors: Hassan, Fazal / Murnaghan, Mark

Speaker: Hassan, Fazal (United Kingdom)

Subtrochanteric Femoral Fractures Treated With The Long Gamma3®nail: A Historical Control Case Study Vs. Long Trochanteric Gamma-Nail®

Authors: Savvidis, Matthaios / Georgiannos, Dimitrios / Lampridis, Vasileios / Bisbinas, Ilias / Kitridis, Dimitrios / Kapoutsis, Dimitrios / Gkouvas, Georgios

Speaker: Bisbinas, Ilias (Greece)

15:00 – 16:30

Traditional Distance "Tip-Apex" Vs. New Calcar Referenced "Tip-Apex" – Which One Is The Best Pertrochanteric Fixation Failure Predictor?

Authors: Lopes-Coutinho, Luís / Dias-Carvalho, André / Esteves, Nuno / Rodrigues, Claudia / Esteves, João / Sousa, Ricardo  
Speaker: Lopes-Coutinho, Luís (Portugal)

Discussion

If Only I Had Known: A Qualitative Study Investigating A Pathway Of Patients With A Hip Fracture With Short Time Stay In Hospital, In Denmark

Authors: Jensen, Charlotte Myhre / Overgaard, Søren / Kock Wiil, Uffe / Clemensen, Jane  
Speaker: Jensen, Charlotte Myhre (Denmark)

The Purpose Of Use Of A Targeting Exercise Program To Minimise The Post-Operative Strength Deficit Of Abductors Muscles After Hip Fracture

Authors: Stasi, Sofia / Papathanasiou, George / Papaioannou, Nikolaos / Chronopoulos, Efstathios  
Speaker: Chronopoulos, Efstathios (Greece)

Does Medial Overhang Of The Greater Trochanter Influence Femoral Stem Position During Cemented Hip Arthroplasty?

Authors: Gruffudd Rhys Bayley, Morgan / Shaw, Tom / Gurusinghe, Suranga / Gerard-Wilson, Michelle / Cnudde, Peter / Adds, Philip / Williams, Rhodri  
Speaker: Gruffudd Rhys Bayley, Morgan (United Kingdom)

Femoral Neck Fracture – Arthroplasty Or Internal Fixation? A Prospective Randomised Study

Authors: Bataga, Tiberiu / Denes, Marton / Gulian, Andrei / Blesneac, Adrian / Fodor, Pal / Solyom, Arpad  
Speaker: Bataga, Tiberiu (Romania)

Discussion

Direct Anterior Vs. Posterolateral Approach For Bipolar Hip Hemiarthroplasty In Femoral Neck Fractures: A Prospective Randomised Study

Authors: Verzellotti, Simone / Alberio, Riccardo / Molina, Mauro / Candrian, Christian / Grassi, Federico  
Speaker: Verzellotti, Simone (Switzerland)

The Minimally Invasive Anterolateral Approach Vs. The Traditional Anterolateral Approach For Hip Hemiarthroplasty After A Femoral Neck Fracture: An Analysis Of Clinical Outcomes

Authors: De Jong, Louis / Klem, Taco / Kuijper, Martijn / Roukema, Gert  
Speaker: De Jong, Louis (Netherlands, The)

Dual Mobility Cups In THR Due To Hip Fracture – Less Risk Of Dislocation-Related Revision. A Matched-Pair Analysis Of 7,880 Cases From The Nordic Arthroplasty Register Association (NARA)

Authors: Al-Jobory, Ammar / Kärrholm, Johan / Pedersen, Alma Becic / Hallan, Geir / Gjertsen, Jan-Erik / Mäkelä, Keijo / Overgaard, Søren / Rogmark, Cecilia  
Speaker: Rogmark, Cecilia (Sweden)

Compliance With Time To Surgery In Femoral Neck Fracture Patients Qualified For Total Hip Replacements

Authors: Zhou, Rui / Sothill, John / Aspinall, Becky  
Speaker: Zhou, Rui (United Kingdom)

Discussion

### Orthopaedics / Knee & Lower Leg

**SYMPOSIUM EXPECTED OUTCOME AFTER ACL RECONSTRUCTION**

Room Madrid

**15.00-16.30 Moderator: Menetrey, Jacques (Switzerland)**

What Are The Outcomes At 5- To 10-Years Post-Op?

Speaker: Dejour, David (France)

Influence Of The Graft Choice Upon The Outcomes?

Speaker: Monllau, Joan Carles (Spain)

What Are The Confounding And Predictive Factors?

Speaker: Kopf, Sebastian (Germany)

Do We Return Athletes To Their Sports? As Expected?

Speaker: Soldati, Francesco (Italy), Denti, Matteo (Italy)

Discussion

Friday  
2 June

15:00 – 16:30

**Orthopaedics / Knee Et Lower Leg**

**SYMPOSIUM**      **OSTEOTOMY AROUND THE KNEE: TECHNIQUE, RESULTS AND EXPECTATIONS**      Room Helsinki

15.00-16.30      Moderator: Pape, Dietrich (Luxembourg)

Biomechanics Of Current Osteotomy Plates: Which Design Makes Sense?  
Speaker: Pape, Dietrich (Luxembourg)

Femoral And Torsional Deformities  
Speaker: Van Heerwaarden, Ronald (Netherlands, The)

Surgical Tricks And Devices For High Tibial Osteotomy  
Speaker: Hoffmann, Alexander (Luxembourg)

Discussion

**Orthopaedics / Musculoskeletal Infections**

**SYMPOSIUM**      **ORTHOPAEDIC INFECTIONS: SPECIALISATION AND INTERDISCIPLINARY**      Room Florence

15.00-16.30      **COOPERATION FOR OPTIMISED TREATMENT IN EUROPE**

Moderator: Kirketerp-Møller, Klaus (Denmark)

Trauma Surgeons And Bone And Joint Infections  
Speaker: Wagner, Christof (Germany)

What Surgeons Should Expect From Their Lab  
Speaker: Drago, Lorenzo (Italy)

The Role Of The ID Physician In Treatment Of Prosthetic Joint Infection  
Speaker: Sendi, Parham (Switzerland)

The Role Of A Plastic Surgeon In Bone And Joint Infection  
Speaker: Cogswell, Lucy (United Kingdom)

Discussion

**EORS – European Orthopaedic Research Society**



**General Topics / Basic Sciences**

**SPECIALTY Et**      **WHY DO KNEE REPLACEMENTS HURT?**      Room Nice

**PARTNER**      Moderator: Blom, Ashley (United Kingdom)

**SOCIETIES**

15.00-16.30

How Common Is Post-Operative Knee Pain?  
Speaker: Niinimäki, Tuukka (Finland)

Patient Factors  
Speaker: Wylde, Vikki (United Kingdom)

First Exclude Infection  
Speaker: Gómez Barrena, Enrique (Spain)

Biomechanics And Alignment  
Speaker: Verdonshot, Nico (Netherlands, The)

Total Knee Replacement Is Not Always The Right Operation  
Speaker: Price, Andrew (United Kingdom)

Discussion

15:00 – 16:30

**Trauma / Foot & Ankle Trauma**

**SYMPOSIUM TALUS FRACTURES Room Geneva**

**15.00–16.30 Moderators: Hintermann, Beat (Switzerland), Rammelt, Stefan (Germany)**

Talar Process Fractures And Peritalar Dislocations  
Speaker: Ruiz, Roxa (Switzerland)

Talar Neck And Body Fractures  
Speaker: Rammelt, Stefan (Germany)

Reconstruction After Talar Malunions And Non-Unions  
Speaker: Hintermann, Beat (Switzerland)

Discussion

**Orthopaedics / Shoulder & Upper Arm**

**FREE PAPER ARTHROPLASTY JOINT REPLACEMENT Room Berlin**

**15.00–16.30 Moderators: Holzer, Nicolas (Switzerland), Torrens, Carlos (Spain)**

Propionibacterium Acnes In Primary Shoulder Arthroplasty. From Skin To Deep Layers  
Authors: Mari Molina, Raquel / Fraile, Anna / Puig, Lluís / Alier, Albert / Santana, Fernando / Torrens, Carlos  
Speaker: Mari Molina, Raquel (Spain)

Shoulder Arthroscopy Prior To Total Shoulder Arthroplasty Increases Post-Operative Infection And Complication Rates  
Authors: Palsis, John / Simpson, Kit / Matthews, John / Eichinger, Josef / Friedman, Richard  
Speaker: Friedman, Richard (United States)

Intraoperative Complications During Revision Shoulder Arthroplasty: A Study Using The National Joint Registry Dataset  
Authors: Ingoe, Helen / Holland, Phillip / Cowling, Paul / Kottam, Lucksy / Rangan, Amar  
Speaker: Ingoe, Helen (United Kingdom)

Risk Factors Associated With Intraoperative Complications During Primary Shoulder Arthroplasty Surgery: A Study Using The National Joint Registry Dataset  
Authors: Cowling, Paul / Holland, Phillip / Kottam, Lucksy / Baker, Paul / Rangan, Amar  
Speaker: Cowling, Paul (United Kingdom)

Discussion

Survivorship Analysis Of 1,953 Reverse Shoulder Arthroplasties (RSA) Followed For 5- To 22-Years: Predictive Factors Of Revision  
Authors: Favard, Luc / Berhouet, Julien / Chelli, Mikael / Walch, Gilles  
Speaker: Favard, Luc (France)

Reverse Total Shoulder Arthroplasty For Cuff-Tear Arthropathy: Outcome, Revision Rate And Indication For Revision For 504 Arthroplasties Reported To The Danish Shoulder Arthroplasty Registry  
Authors: Baram, Amin Bakhtyar / Rasmussen, Jeppe  
Speaker: Baram, Amin Bakhtyar (Denmark)

Does The Modification Of The Humeral Inclination Angle Reduce The Clinical Rate Of Inferior Scapular Notching In Reverse Shoulder Arthroplasty?  
Authors: Habermeyer, Peter / Lichtenberg, Sven / Tauber, Mark / Garving, Christina / Magosch, Petra  
Speaker: Habermeyer, Peter (Germany)

Is There A Long-Term Deterioration Of The Function Of Deltoid Muscle After Reverse Shoulder Replacement?  
Authors: Mazis, Georgios / Witney-Lagen, Caroline / Fawzy, Ernest / Arealis, Georgios / Sforza, Giuseppe / Atoun, Ehud / Bruguera, Juan / Levy, Ofer  
Speaker: Mazis, Georgios (United Kingdom)

Discussion

Deltoid Reflection During Reverse Shoulder Arthroplasty – Is It A Viable Technique?  
Authors: Cutbush, Kenneth  
Speaker: Cutbush, Kenneth (Australia)



15:00 – 16:30

Rate Of Improvement In Clinical Outcomes With Anatomic And Reverse Total Shoulder Arthroplasty  
 Authors: Simovitch, Ryan / Friedman, Richard / Cheung, Emily / Flurin, Pierre-Henri / Wright, Thomas / Zuckerman, Joseph / Roche, Chris  
 Speaker: Friedman, Richard (United States)

A Novel Technique For Impaction Bone Grafting For Humeral Fixation Of Cementless Stemless Triple-Finned Reverse Total Shoulder Arthroplasty (RTSA)  
 Authors: Levy, Ofer / Arealis, Georgios / Atoun, Ehud / Abraham, Ruben / Sforza, Giuseppe / Bruguera, Juan  
 Speaker: Levy, Ofer (United Kingdom)

Reverse Total Shoulder Replacement In Patients With "Weight-Bearing" Shoulders On Wheelchair Or Walking Aids  
 Authors: Arealis, Georgios / Atoun, Ehud / Hope, Natalie / Tsvieli, Oren / Abraham, Ruben / Levy, Ofer  
 Speaker: Hope, Natalie (United Kingdom)

Discussion

### Trauma / Elbow & Forearm Trauma

**SYMPOSIUM** PARTIAL ARTICULAR FRACTURES AROUND THE ELBOW Room Copenhagen  
**15.00-16.30** Moderator: Freude, Thomas (Austria)

Elbow Dislocation – Algorithm For Diagnosis And Treatment  
 Speaker: Siebenlist, Sebastian (Germany)

Fracture Of The Coronoid  
 Speaker: Seybold, Dominik (Germany)

Fracture Of The Radial Head – Osteosynthesis Vs. Prothesis  
 Speaker: Koenig, Benjamin (Germany)

Intraarticular Fractures Of The Distal Humerus  
 Speaker: Moursy, Mohamed (Germany)

Discussion

### General Topics / Quality Management

**SYMPOSIUM** RAPID RECOVERY AFTER THA AND TKA. ANY DIFFERENCE BETWEEN YOUNGER AND ELDERLY ACTIVE PATIENTS? Room Istanbul  
**15.00-16.30** Moderators: Kehlet, Henrik (Denmark), Husted, Henrik (Denmark)

What Is The Problem?  
 Speaker: Kehlet, Henrik (Denmark)

Is There A Difference In Outcome Following Fast-Track THA Or TKA Between Younger And Elderly Active Patients?  
 Speaker: Dhesi, Jugdeep (United Kingdom)

Is There A Difference In Fast-Track Caring For Younger And Elderly Active Patients? A Nurse Perspective  
 Speaker: Young, Hilary (United Kingdom)

Is There A Difference In Fast-Track Physiotherapy Between Younger And Elderly Active Patients? A Physiotherapist Perspective  
 Speaker: Wainwright, Thomas (United Kingdom)

Discussion

### Orthopaedics / Pelvis, Hip & Femur

**SYMPOSIUM** DIFFICULT PRIMARY THA Room Paris  
**15.00-16.30** Moderator: Smith, Evert (United Kingdom)

Developmental Dysplasia Of The Hip  
 Speaker: Ward, Anthony (United Kingdom)

Management Of The Acetabulum In Destructive Arthritis  
 Speaker: West, Simon (United Kingdom)

15:00 – 16:30

Protrusio Acetabuli

Speaker: Waters, Tim (United Kingdom)

The Techniques In Dealing With The Obese And Muscular Patient In Arthritis Of The Hip

Speaker: Hart, Alister (United Kingdom)

Discussion

Orthopaedics / Paediatric Orthopaedics

CLINICAL CASES

CLINICAL CASES – PAEDIATRIC ORTHOPAEDICS

Room London

15.00–16.30

Moderators: Viehweger, Elke (France), Radler, Christof (Austria)

Bilateral Avascular Necrosis Of The Hip In A Girl With Hodgkin'S Lymphoma

Authors: López Hervás, Sergio / Stitzman Wengrowicz, Melisa / Alavedra Massana, Anna / Gimeno Calavia, Nuria / Martínez Grau, Patricia

Speaker: López Hervás, Sergio (Spain)

Iselin's Disease: A Rare Cause Of Lateral Foot Pain

Authors: Martins, Sandra / Quesado, Miguel / Leitão, Joana / Mendes, Jorge

Speaker: Martins, Sandra (Portugal)

Perthes Disease And Slipped Capital Femoral Epiphysis In Same Child – Rare Entity

Authors: Raghupathi, Anantha Krishnan

Speaker: Raghupathi, Anantha Krishnan (United Kingdom)

Congenital Dislocation Of The Knee: A New Surgical Technique In A Multi-Operated Knee

Authors: Rizkallah, Maroun / El Masri, Firas / Roukoz, Sami

Speaker: Rizkallah, Maroun (Lebanon)

Traumatic Hip Dislocation In A 3-Years-Old Child

Authors: Simoes, Ricardo / Gonçalves, António Sérgio / Monteiro, Sara / Tavares, Luis / Paz Ferreira, Virgilio / Carneiro, Fernando

Speaker: Simoes, Ricardo (Portugal)

Rare Case Of Bilateral Anterolateral And Symmetrical Bowing Of Tibia Successfully Treated With A Distal Tibial Opening Wedge Osteotomy

Authors: Carvalho, João Das Dores / Cerqueira, Raul / Lopes, António / Oliveira, Marco / Sá E Castelo, Luis / Campos, Armando

Speaker: Carvalho, João Das Dores (Portugal)

Osteoblastoma – A Rare Benign Tumor

Authors: Martins, Sandra / Oliveira, Vania / Cardoso, Pedro / Oliveira, António

Speaker: Martins, Sandra (Portugal)

Pathologic Fracture As First Sign Of Pott's Disease – Case Report

Authors: Grenho, André / Arcângelo, Joana / Escobar, Marina / Jordão, Pedro / Alves, Pedro / Gouveia, Catarina / Norte Ramos, Susana

Speaker: Grenho, André (Portugal)

Congenital Talipes Equinovarus And Congenital Vertical Talus Secondary To Sacral Agenesis

Authors: Bray, Jonathan / Crosswell, Sebastien / Brown, Rick

Speaker: Bray, Jonathan (United Kingdom)

17:00 – 18:30

Orthopaedics / Pelvis, Hip & Femur

FREE PAPER

FAI AND HIP DYSPLASIA

Room Vienna

17.00–18.30

Moderators: Tannast, Moritz (Switzerland), Karachalios, Theofilos (Greece)

Do Patients With Anterior And Posterior Femoroacetabular Impingement And Torsional Deformities Of The Femur Walk Differently?

Authors: Lerch, Till / Eichelberger, Patric / Steppacher, Simon / Liechti, Emanuel / Mathis, Andrea / Baur, Heiner / Siebenrock, Klaus A. / Tannast, Moritz

Speaker: Lerch, Till (Switzerland)

17:00 – 18:30

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Is Hip Impingement Located Anterior In Hips With Femoral Retrotorsion?

Authors: Lerch, Till / Steppacher, Simon / Pflugj, Silvio / Siebenrock, Klaus / Zheng, Guoyan / Ecker, Timo / Tannast, Moritz  
Speaker: Lerch, Till (Switzerland)

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Pelvic Tilt And Pelvic Incidence Is Different In Pincer FAI Due To Acetabular Retroversion Compared To Hip Dysplasia

Authors: Lerch, Till / Todorski, Inga / Ma, Xiadong / Steppacher, Simon / Schmaranzer, Florian / Siebenrock, Klaus / Tannast, Moritz  
Speaker: Lerch, Till (Switzerland)

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The Femoro-Epiphyseal Acetabular Roof (FEAR) Index: A New Measurement Associated With Instability In Borderline Hip Dysplasia?

Authors: Wyatt, Michael / Weidner, Jan / Pfluger, Dominik / Beck, Martin  
Speaker: Wyatt, Michael (United Kingdom)

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Discussion

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Gluteal Tears Of The Hip In Great Trochanter Pain Syndrome. Results After 135 Cases Using A Minimally Invasive Miniopen Technique

Authors: Ribas Fernandez, Manuel / Cardenas Nylander, Carlomagno / Bellotti, Vittorio / Astarita, Emanuele / Moya Gomez, Esther / De Meo, Federico  
Speaker: Ribas Fernandez, Manuel (Spain)

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Validity And Reliability Of The Dutch Version Of The Copenhagen Hip And Groin Outcome Score (HAGOS-NL) In Patients With Hip Pathology

Authors: Stevens, Martin / Giezen, Hilde / Van Den Akker-Scheek, Inge / Reininga, Inge  
Speaker: Stevens, Martin (Netherlands, The)

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Comparing DGEMRIC And Clinical Outcome 6 Years After FAI Surgery With Vs. Without Microfracturing: A Prospective, Controlled Pilot Study

Authors: Schmaranzer, Florian / Haefeli, Pascal / Hanke, Markus / Anwander, Helen / Lerch, Till / Todorski, Inga / Werlen, Stefan / Siebenrock, Klaus A. / Tannast, Moritz / Büchler, Lorenz  
Speaker: Schmaranzer, Florian (Switzerland)

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Combining Wearable Technology And Patient-Reported Outcome Measures In Hip Arthroscopy: A Prospective Case Series

Authors: Rutherford, Michael / Fick, Daniel / Khan, Riaz / Haebich, Samantha / Grant, Stroma  
Speaker: Rutherford, Michael (Australia)

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Discussion

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Arthroscopic Acetabuloplasty Without Labral Detachment For Focal Pincer-Type Impingement: A Minimum 2-Years Follow-Up

Authors: Slullitel, Pablo / Comba, Fernando / Zanotti, Gerardo / Buttaro, Martin / Bronenberg, Pedro / Piccaluga, Francisco  
Speaker: Slullitel, Pablo (Argentina)

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FAI Surgical Treatment: Mini-Anterior Approach Or Hip Arthroscopy?

Authors: Marin-Peña, Oliver / Oñorbe, Fernando / Montoya Adarraga, Javier / Abd El-Radi, Mohamed / Nekkanti, Supreeth / Garcia Bogalo, Raul / Larrainzar Garijo, Ricardo  
Speaker: Marin-Peña, Oliver (Spain)

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Differentiating Subchondral Insufficiency Fracture From Osteonecrosis May Help Delay Or Avoid Total Hip Arthroplasty

Authors: Gianakos, Arianna / Haring, R. Sterling / Moya-Angeler, Joaquin / Li, Angela / Greditzer Iv, Harry / Lane, Joseph  
Speaker: Gianakos, Arianna (United States)

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THA Conversion Rate Comparing Decompression Alone, With Autologous Bone Graft Or Stem Cells In Osteonecrosis

Authors: Nally, Francisco / Zanotti, Gerardo / Buttaro, Martin / Diaz Dilernia, Fernando / Garcia Mansilla, Ignacio / Comba, Fernando / Piccaluga, Francisco  
Speaker: Comba, Fernando (Argentina)

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Discussion

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17:00 – 18:30

General Topics / Implants, Biomaterials & Registry Study

SYMPOSIUM CURRENT KNOWLEDGE ON METAL-ON-METAL: WHAT HAVE WE LEARNED 10 YEARS LATER Room Munich

17.00–18.30

Moderators: Nelissen, Rob G. H. H. (Netherlands, The), Kjaersgaard-Andersen, Per (Denmark)

Adverse Events On Metal-On-Metal Hip Arthroplasty  
Speaker: Skinner, John (United Kingdom)

Metal-On-Metal In Your Practice: How To Do Follow-Up?  
Speaker: Zagra, Luigi (Italy)

Metal-On-Metal And European Patients, Data From Registries  
Speaker: Nelissen, Rob G. H. H. (Netherlands, The)

When To Revise Metal-On-Metal THA & Surgical Tips  
Speaker: Ettema, Harmen (Netherlands, The)

Biological Response To Metal Particles  
Speaker: Rakow, Anastasia (Germany)

Discussion

Trauma / Knee & Lower Leg Trauma

CLINICAL CASES CLINICAL CASES – KNEE & LOWER LEG TRAUMA Room Barcelona

17.00–18.30

Moderators: Caba-Doussoux, Pedro (Spain), Beauflis, Philippe (France)

Chondral Fragment Of The Lateral Femoral Trochlea Of The Knee In Adolescents  
Authors: Uchida, Ryohei / Toritsuka, Yukiyoishi / Yoneda, Kenji / Nakamura, Norimasa / Hamada, Masayuki / Horibe, Shuji  
Speaker: Uchida, Ryohei (Japan)

Treatment Of Segond Fracture In Adolescents – A Case Report  
Authors: Batista, Mafalda / Escobar, Marina / Campos, Pedro / Arcangelo, Joana / Grenho, André / Ovidio, Joana / Rodrigues, Patricia / Tavares, Delfin  
Speaker: Batista, Mafalda (Portugal)

Posterolateral Corner Injury Repair In Professional Football Player  
Authors: Oliveira, Teresa / Marques, Filipe / Rocha, Ana Teresa / Antunes, Ricardo / Faria, João / Martins, António  
Speaker: Oliveira, Teresa (Portugal)

Atraumatic Proximal Tibiofibular Joint Instability  
Authors: Balaguer-Castro, Mariano / Villaba, Jordi / Peñalver, Juan Manuel / Marcano-Fernández, Francesc Antoni / Torner, Pere  
Speaker: Balaguer-Castro, Mariano (Spain)

Fat Embolism Syndrome Occurring Prior To Surgical Fixation Of A Tibial Shaft Fracture From Sports Injury  
Authors: Jabbal, Monu / Yapp, Liam  
Speaker: Jabbal, Monu (United Kingdom)

Tibial Plateau Fractures: The Role Of Arthroscopic Assistance  
Authors: Ferrero Recasens, Jorge / Luengo Alonso, Gonzalo / Vacas Sánchez, Elena / Cano, Juan / Aroca Peinado, Miguel  
Speaker: Ferrero Recasens, Jorge (Spain)

Open Supra And Intercondylar Femur Fracture With Bone Loss – What Can We Hope To Achieve ?  
Authors: Nunes Castro, João / Alves, Francisco / Aguiar, Thiago  
Speaker: Nunes Castro, João (Portugal)

Two Cases Of Unexpected Septic Complications In Supracondylar Femoral Fractures: From ORIF To Knee Megaprosthesis  
Authors: Manzotti, Alfonso / Brioschi, Davide / Salvadori Del Prato, Giuliano Cesare / Marchesi, Lorenzo  
Speaker: Brioschi, Davide (Italy)

The Challenging Treatment Of Complex Tibial Plateau Fractures – Is There Superiority Of One Technique Over The Others?  
Authors: Boavida, João / Pinheiro, Vítor Hugo / Pinto, André / Costa, Paulo / Corte Real, Luis / Oliveira, João  
Speaker: Boavida, João (Portugal)

17:00 – 18:30

Trauma / Hip & Femur Trauma

FREE PAPER

PERIPROSTHETIC, DIAPHYSEAL AND TROCHANTERIC FRACTURES

Room Brussels

17.00-18.30

Moderators: Heetveld, Martin (Netherlands, The), Giannoudis, Peter (United Kingdom)

Is Primary Osteosynthesis The Better Treatment Of Periprosthetic Femur Fractures For Vancouver Type B2?

Authors: Camenzind, Roland / Schelling, Georg / Antoniadis, Alexander / Helmy, Näder  
Speaker: Camenzind, Roland (Switzerland)

Osteosynthesis Of Periprosthetic Type A And B Femoral Fractures Using An Unlocked Plate With Integrated Cerclage Cable And Trochanteric Hook: A Multi-Centre Retrospective Study Of 43 Patients With Mean Follow-Up Of 20 Months

Authors: Gavanier, Bertrand / Houfani, Fayçal / Zaharia, Bogdan / Barla, Manuela / Mangin, Michael / Mainard, Didier  
Speaker: Gavanier, Bertrand (France)

Risk Factors For 30-Days Mortality Following A Periprosthetic Femoral Fracture Around A Total Hip Replacement

Authors: Jennison, Toby / Yarlagadda, Rathan  
Speaker: Jennison, Toby (United Kingdom)

Mortality In Patients Sustaining A Periprosthetic Fracture Following A Previous Extracapsular Hip Fracture

Authors: Jennison, Toby / Yarlagadda, Rathan  
Speaker: Jennison, Toby (United Kingdom)

Discussion

Interprosthetic Fracture Risk Following Ipsilateral Hip And Knee Arthroplasty – Relevance Of Interprosthetic Distance

Authors: Märdian, Sven / Duda, Georg / Schwabe, Philipp / Moewis, Philippe / Cilla, Myriam / Heyland, Mark  
Speaker: Märdian, Sven (Germany)

Intraoperative Periprosthetic Femoral Fractures As A Complication Of Hip Arthroplasty – Problem Analysis Based On 51 Cases In Primary And Revision Hip Replacement Setting

Authors: Kogut, Maciej / Bialecki, Jerzy / Bartosz, Pawel / Para, Marcin / Macias, Julia / Obrebski, Marcin / Marczyński, Wojciech  
Speaker: Kogut, Maciej (Poland)

Improved Outcomes With Less Invasive Techniques For Polyaxial Locking Plate Fixation In Femoral Shaft, Periprosthetic And Per-Implant Fractures In Elderly Patients

Authors: Knoth, Christoph / Dörr, Susanne / Welter, Jo Ellen / Zettl, Ralph / Hess, Florian  
Speaker: Dörr, Susanne (Switzerland)

Diaphyseal Fracture Of The Femur With A Third Reversed Fragment: Fix It Or Not?

Authors: Caff, Giuseppe / Cusani, Giuseppe / Grimaldi, Alfio / Gargano, Valerio / Famoso, Alessandro / Di Salvo, Eleonora / Bonura, Enricomaria / Rosa, Michele Attilio / Restuccia, Giovanni  
Speaker: Cusani, Giuseppe (Italy)

Discussion

Treatment Failure Of Atypical Femoral Fracture: Non-Union And Second Atypical Femoral Fracture In Same Femur

Authors: Jo, Woo-Lam / Lim, Young-Wook / Kim, Seung-Chan / Kwon, Soon-Yong / Kim, Yong-Sik  
Speaker: Jo, Woo-Lam (South Korea)

Relationship Between 3D-CT Classification And Clinical Results Of Femoral Trochanteric Fractures Treated With PFNA-II

Authors: Shoda, Etsuo / Kitada, Shimpei / Sasakai, Yu / Hirase, Hitoshi / Niikura, Takahiro / Lee, Sang Yang / Iwakura, Takashi / Sakurai, Atsushi / Oe, Keisuke / Sasaki, Takeharu  
Speaker: Shoda, Etsuo (Japan)

Prospective Follow-Up Of Trochanteric Fractures Osteosynthesised By A New Centromedullary Nail With A Controlled Retreat, Monobloc And Helicoidal Blade

Authors: Barla, Manuela / Egrise, François / Mangin, Michael / Zaharia, Bogdan / Gavanier, Bertrand / Rousseau, Hélène / Mainard, Didier  
Speaker: Barla, Manuela (France)

Is The Refixation Of The Minor Trochanter In Proximal Femur Fractures Necessary?

Authors: Welle, Kristian / Prangenberg, Christian / Kehrer, Michael / Burger, Christof / Kabir, Koroush  
Speaker: Welle, Kristian (Germany)

Discussion

17:00 – 18:30

Orthopaedics / Knee & Lower Leg

FREE PAPER

PERIOPERATIVE MANAGEMENT IN TKA

Room Madrid

17.00–18.30

Moderators: Forriol, Francisco (Spain), Mihalic, Rene (Slovenia)

Corticosteroid Injection Through Lumbar Epidural Catheter Reduced Pain Up To 2 Months And Provided Better Knee Function Up To 6 Weeks After TKA; A Double-Blinded RCT

Authors: Tammachote, Nattapol / Seangleulur, Alisa / Kanitnate, Supakit  
Speaker: Tammachote, Nattapol (Thailand)

Effects Of Local Infiltration Analgesic In Elective Total Knee Arthroplasty Procedure On Patient With Spinal And General Anaesthesia

Authors: Oken, Özdamar Fuad / Baskan, Semih / Tirin, Hakan / Andic, Kevser Dilek / Yildirim, Ahmet Ozgur / Kilci, Oya / Gurhan, Utku  
Speaker: Gurhan, Utku (Turkey)

Optimal Duration Of Adductor Canal Catheter Infusion In Knee Arthroplasty – A Randomised Trial

Authors: Robertson, Hayley / Mark, Lennox / Sargant, Scott / Khan, Riaz / Fick, Daniel / Haebich, Samantha  
Speaker: Robertson, Hayley (Australia)

A Comparison Of Two Different Multi-Modal Analgesia Methods Applied To Patients Undergoing Total Knee Replacement

Authors: Oken, Özdamar Fuad / Baskan, Semih / Tirin, Hakan / Andic, Kevser Dilek / Yildirim, Ahmet Ozgur / Kilci, Oya / Gurhan, Utku  
Speaker: Gurhan, Utku (Turkey)

Discussion

Optimising The Dose Of Local Infiltration Analgesia And Gabapentin For Total Knee Arthroplasty, A Randomised Single-Blinded Trial In 128 Patients

Authors: Van Haagen, M.H.M. / Verburg, H. / Hesselings, B. / Coors, L.A. / Van Dasselaar, Nick / Langendijk, P.N.J. / Mathijssen, Nina  
Speaker: Coors, L.A. (Netherlands, The)

Methodological Changes After The Implementation Of The Rapid Recovery® Program In Primary Total Knee Arthroplasty In Our Institution – An Overview Of The First 5 Years

Authors: Machado, Sara / Rodrigues, Fernando / Antunes, Artur / Pinto, Rui / Ribeiro De Oliveira, Paulo  
Speaker: Machado, Sara (Portugal)

The Financial Implications Of Blood Group & Save Analysis On Patients Requiring Primary Total Knee Arthroplasty Surgery

Authors: Pearce, Oliver / Smith, Adam / Heal, James  
Speaker: Pearce, Oliver (United Kingdom)

Does Electric Cautery Reduce Blood Loss In Primary Total Knee Arthroplasty Compare With Knife? A Randomised Double-Blinded Controlled Trial

Authors: Tammachote, Nattapol / Kanitnate, Supakit  
Speaker: Tammachote, Nattapol (Thailand)

Discussion

Incidence Of Deep Vein Thrombosis Using 128 Channel Multidetector Computed Tomography Before And After Total Knee Arthroplasty Without Pharmacologic Prophylaxis

Authors: Chang, Moon Jong / Chang, Chong Bum / Yoon, Chan / Shin, Jae-Hoon / Song, Min Kyu / Kim, Su Jin / Choi, Su Hee / Song, Yu Jin / Won, Sung Yeon / Shim, Hanna / Cho, Suk-Hyun / Kang, Seung-Baik  
Speaker: Song, Min Kyu (South Korea)

The Effect And Balance Of Anti-Coagulation Sequential Anti-Fibrinolysis On VTE Following Primary TKA: A Large, Single Centre, Prospective Observational Study Of Consecutive Cases

Authors: Xie, Jinwei / Pei, Fuxing  
Speaker: Xie, Jinwei (China)

Comparison Of Blood Loss Reduction In Opened-Box And Closed-Box Knee Prosthesis By Using Intraarticular Vs. Intravenous Tranexamic Acid. A Prospective Randomised Controlled Trial

Authors: Rattanaprichavej, Piti / Laoruengthana, Artit / Rasamimongkol, Supachok  
Speaker: Rattanaprichavej, Piti (Thailand)

17:00 – 18:30

Multiple Boluses Of Intravenous Tranexamic Acid To Reduce Hidden Blood Loss Following Primary Total Knee Arthroplasty Without Tourniquet: A Randomised Clinical Trial

Authors: Xie, Jinwei / Pei, Fuxing

Speaker: Xie, Jinwei (China)

Discussion

### Orthopaedics / Knee & Lower Leg

**SYMPOSIUM** LONG-TERM RESULTS AND FUNCTIONAL OUTCOMES OF TKA

Room Helsinki

17.00–18.30 Moderator: Argenson, Jean-Noël (France)

Results, Function And Outcome In TKA: An Overview

Speaker: Argenson, Jean-Noël (France)

The Influence Of Age, Fixation And Design On Long-Term Results Of TKA

Speaker: Benazzo, Francesco (Italy)

What Can The Patients Expect From Modern TKA? A Focus On Function And Activity

Speaker: Barrett, David Stuart (United Kingdom)

What Can The Surgeon Expect From Modern TKA? A Focus On Alignment And Stability

Speaker: Van Hellemond, Gijs (Netherlands, The)

Discussion

### Orthopaedics / Musculoskeletal Infections

**FREE PAPER** INFECTION AFTER ARTHROPLASTY AND OSTEOSYNTHESIS

Room Florence

17.00–18.30 Moderators: Winkler, Heinz (Austria), Romanò, Carlo Luca (Italy)

Primary Total Hip Replacement Following Infective Arthritis (Up To 41-Years Follow-Up)

Authors: Lokikere, Naveen / Saraogi, Akash / Siney, Paul / Nagai, Hajime / Kay, Peter

Speaker: Lokikere, Naveen (United Kingdom)

Does One-Stage Exchange With Antibacterial Coating Of Implants Provide Similar Results As A Two-Stage Procedure For The Treatment Of Periprosthetic Joint Infections?

Authors: Logoluso, Nicola / Gallazzi, Enrico / Scarponi, Sara / Ohin, Caterina / Romanò, Carlo Luca

Speaker: Logoluso, Nicola (Italy)

Factors Affecting Lifespan Following Below-Knee Amputation In Diabetic Patients

Authors: Beyaz, Salih / Güler, Ümit Özgür / Bagir, Gülay Simsek

Speaker: Beyaz, Salih (Turkey)

Outcome Of Total Hip And Total Knee Revision Arthroplasty With Minor Infection Criteria: A Retrospective Matched-Pair Analysis

Authors: Staats, Kevin / Kolbitsch, Paul / Irene, Sigmund / Hobusch, Gerhard / Holinka, Johannes / Windhager, Reinhard

Speaker: Staats, Kevin (Austria)

Discussion

Good Results In Tsukayama Type IV Hip Arthroplasty Infection With Combined And Extended Oral Antibiotics

Authors: Cordero Ampuero, José / González-Fernández, Enrique / Payo, Jorge / Peñalver, Pablo

Speaker: Cordero Ampuero, José (Spain)

Rifampin Combination Therapy Vs. Monotherapy In Early Staphylococcal Infections After Hip And Knee Arthroplasty

Authors: Karlsen, Øystein Espeland / Snorrason, Finnur / Rydinge, Jonas / Grøgaard, Bjarne / Figved, Wender / Borgen, Pål / Wangen, Helge / Sandberg, Lars / Witsøe, Eivind / Bragnes, Bjørn / Westberg, Marianne

Speaker: Karlsen, Øystein Espeland (Norway)

Partial Calcanectomy And Ilizarov Fixation Reduce Amputation Need In Severe Diabetic Heel Ulcers

Authors: Akkurt, Mehmet / Demirkale, Ismail / Öznur, Ali

Speaker: Akkurt, Mehmet (Turkey)

17:00 – 18:30

Treatment Of Chronic Osteomyelitis With Vascularised Fibular Grafts

Authors: Girsch, Werner / Weigel, Gerlinde / Petje, Gert / Rois, Hannes  
Speaker: Girsch, Werner (Austria)

Discussion

Periprosthetic Fungal Infections: Outcomes And Predictive Factors

Authors: Sidhu, Manpreet / Jumaa, Pauline / Parry, Michael / Jeys, Lee / Stevenson, Jonathan  
Speaker: Sidhu, Manpreet (United Kingdom)

Can Sonication Help Us Determine The Difference Between Aseptic Loosening And PJI

Authors: Kocjancic, Bostjan / Jeverica, Samo / Trampuz, Andrej / Avsec, Klemen / Dolinar, Drago  
Speaker: Kocjancic, Bostjan (Slovenia)

Surgical Treatment Of Shoulder Infections: A Comparison Between Arthroscopy And Arthrotomy

Authors: Böhler, Christoph / Pock, Alexander / Waldstein, Wenzel / Staats, Kevin / Puchner, Stephan / Holinka, Johannes / Windhager, Reinhard  
Speaker: Böhler, Christoph (Austria)

Treatment Of Prosthetic Infections With Surgical Debridement And Preservation Of The Prosthesis – Results And Success Determinant Factors

Authors: Santos Silva, Marta / Serrano, Pedro / Rodrigues, Claudia / Neves, Pedro / Sousa, Arnaldo / Esteves, João / Barros, Luis / Coutinho, Luis / Sousa, Ricardo  
Speaker: Serrano, Pedro (Portugal)

Discussion

General Topics / Basic Sciences

SYMPOSIUM

E-HEALTH APPLICATIONS IN ORTHOPAEDIC RESEARCH

Room Nice

17.00–18.30

Moderator: Jahr, Holger (Germany)

Genetics And Genomics Of Osteoarthritis

Speaker: Van Meurs, Joyce (Netherlands, The)

From Data Exchange To Collaboration: Current Status And Outlook

Speaker: Staemmler, Martin (Germany)

Challenges Of Big Data And Predictive Analytics

Speaker: Spreckelsen, Cord (Germany)

Is It Heaven Or Hell?

Speaker: Gordon, Andrew (United Kingdom)

Discussion

Trauma / Foot & Ankle Trauma

FREE PAPER

ANKLE AND PILON FRACTURES

Room Geneva

17.00–18.30

Moderators: Gougoulas, Nikolaos (Greece), Jónsson, Brynjólfur (Sweden)

Fragility Fractures Of The Ankle In The Elderly. Open Reduction And Internal Fixation Vs. Tibiotalocalcaneal Nailing. Short-Term Results Of A Prospective Randomised Controlled Study

Authors: Georgiannos, Dimitrios / Bisbinas, Ilias / Lampridis, Vasilios / Kitridis, Dimitrios / Kapoutsis, Dimitrios / Savvidis, Matthaïos / Gouvas, George  
Speaker: Bisbinas, Ilias (Greece)

Weightbearing Radiographs And Stability In SER II–IV Ankle Fractures

Authors: Bäcker, Henrik / Bonel, Harald / Schmid, Timo / Krause, Fabian / Attinger, Marc  
Speaker: Bäcker, Henrik (Switzerland)

Pre-Operative Planning And Surgical Technique For Optimising Internal Fixation Of Posterior Malleolar Fractures: CT Vs. Standard Radiographs

Authors: Palmanovich, Ezequiel / Brin, Yaron / Hetsroni, Iftach / Marom, Niv / Segal, Dudi  
Speaker: Palmanovich, Ezequiel (Israel)



17:00 – 18:30

Can Radiographs Under Stress Determine The Stability Of Supination External Rotation Ankle Fractures?  
A Systematic Review Of Current Literature

Authors: Yousaf, Sohail / Ahluwalia, Aashish / Iliopoulos, Efthymis / Haleem, Shah Nawaz / Willmott, Henry  
Speaker: Iliopoulos, Efthymis (United Kingdom)

Discussion

The Outcome Of AO Type 44 Ankle Fractures: Management Of Posterior Malleolus Fractures And Syndesmotic Injuries

Authors: Velleman, Jos / Nijs, Stefaan / Hoekstra, Harm  
Speaker: Hoekstra, Harm (Belgium)

Evaluating Functional Outcome Of Ankle Fractures Using Gait Analysis

Authors: Ciurea, Nicolae Marian / Nagea, Mihail / Grosu, Alina / Dimitriu, Alexandru Lisias / Lupescu, Olivera  
Speaker: Ciurea, Nicolae Marian (Romania)

Influence Of Pre-Operative CT Scans On Treatment Of Bi- And Trimalleolar Ankle Fractures: A Prospective Study

Authors: Terndrup, Mads / Gustafsson, Amandus / Troelsen, Anders / Ban, Ilja  
Speaker: Terndrup, Mads (Denmark)

Pediculated Suralis Flap For Closure Of Soft-Tissue Defects Of The Lower Leg

Authors: Suda, Arnold / Mohr, Juliane / Bischel, Oliver / Tinelli, Marco  
Speaker: Suda, Arnold (Germany)

Discussion

Weightbearing Radiographs Vs. Gravity Stress Radiographs For Stability Of Supination External Rotation Fractures Of The Ankle

Authors: Krause, Fabian / Seidel, Angela / Weber, Martin  
Speaker: Krause, Fabian (Switzerland)

Temporary Bridging External Fixation In Distal Tibial Fracture

Authors: Maluta, Tommaso / Samaila, Elena Manuela / Lavini, Franco / Dall'Oca, Carlo / Magnan, Bruno  
Speaker: Maluta, Tommaso (Italy)

Audit Changes Practice – Simple Education Intervention Can Lead To Better Outcome For Ankle Fractures Undergoing Surgery

Authors: Kheiran, Amin / Roberts, Veronica / Goel, Vivek / Mangwani, Jitendra  
Speaker: Kheiran, Amin (United Kingdom)

Population-Based Epidemiology Of 9,767 Ankle Fractures

Authors: Elsoe, Rasmus / Ostgaard, Svend Erik / Larsen, Peter  
Speaker: Elsoe, Rasmus (Denmark)

Discussion

Orthopaedics / Shoulder & Upper Arm

COMPLEX CASE  
DISCUSSION  
17.00-18.30

MASSIVE ROTATOR CUFF TEARS  
Moderator: Favard, Luc (France)

Room Berlin

From Medical Treatment To Reverse Shoulder Arthroplasty  
Speaker: Torrens, Carlos (Spain)

When A Muscle Transfer Should Be Performed And What Muscle Transfer To Choose?  
Speaker: Kany, Jean (France)

When A Massive Cuff Tear Is Potentially Repairable?  
Speaker: Gerber Popp, Ariane (Switzerland)

17:00 – 18:30

Trauma / Elbow & Forearm Trauma

FREE PAPER

ELBOW TRAUMA

Room Copenhagen

17.00–18.30

Moderators: Larsen, Morten Schultz (Denmark), Blum, Jochen (Germany)

The Result Of Surgical Treatment Of Coronal Shear Fractures Of Distal Humerus

Authors: Shin, Dongju / Dan, Jinmyoung / Lee, Seongman / Jeong, Dae Geun

Speaker: Shin, Dongju (South Korea)

The Third Fragment In Meta-Epiphyseal Fractures Of The Distal Humerus

Authors: Caff, Giuseppe / Grimaldi, Alfio / Gargano, Valerio / Restuccia, Giovanni

Speaker: Caff, Giuseppe (Italy)

Surgical Fixation Of Coronoid Fractures Associated With Fracture Dislocations Of The Elbow With A Flexor-Pronator-Split "Over The Top" Approach

Authors: Toft, Felix / Moro, Fabrizio

Speaker: Toft, Felix (Switzerland)

Functional Results After Reconstruction Of The Distal Biceps Tendon Rupture With The Use Of Two Anchors And Minimal Single Surgical Approach

Authors: Tolis, Konstantinos / Soultanis, Konstantinos / Papaggeopoulos, Panagiotis / Triantafillopoulos, Ioannis / Fandridis, Emmanouil / Spyridonos, Sarantis

Speaker: Tolis, Konstantinos (Greece)

Discussion

Total Elbow Arthroplasty For The Fractures Of The Elbow

Authors: Ikegami, Hiroyasu / Shintaku, Takanori / Yoshizawa, Shu / Musha, Yoshiro / Kaneko, Takao

Speaker: Ikegami, Hiroyasu (Japan)

Open Reduction And Internal Fixation Of Mason Type 3 Radial Head Fractures Using Pins Or Mini-Screws

Authors: Rocchi, Martina / Tarallo, Luigi / Lombardi, Martina

Speaker: Rocchi, Martina (Italy)

The Functional Outcomes In 15 Patients After More Than 10 Years With A Bipolar Head Prosthesis

Authors: Ikegami, Hiroyasu / Shintaku, Takanori / Yoshizawa, Shu / Musha, Yoshiro / Kaneko, Takao

Speaker: Ikegami, Hiroyasu (Japan)

Radial Head Fractures Mason Type 3 Treated With Anatomic Prosthetic Replacement: Is It A Safe Treatment Option?

Authors: Tarallo, Luigi / Rocchi, Martina / Lombardi, Martina

Speaker: Tarallo, Luigi (Italy)

Discussion

Classification And Complications Of Olecranon Fractures; Tension Band Wires Vs. Olecranon Locking Plates

Authors: Hampton, Matthew James / Vollans, Sam / Ali, Amjid

Speaker: Hampton, Matthew James (United Kingdom)

Repair Of Chronic Ruptures Of The Distal Biceps Tendon. A Report Of 14 Cases

Authors: Carlier, Yacine

Speaker: Carlier, Yacine (France)

Infected Non-Unions And Critical Bone Defects Of The Forearm

Authors: Calori, Giorgio Maria / Mazza, Emilio Luigi / Colombo, Massimiliano / Mazzola, Simone / Colombo, Alessandra / Romanò, Fabio

Speaker: Calori, Giorgio Maria (Italy)

Management Of Forearm Bone Gap Non-Unions By Ilizarov Technique

Authors: Bari, Mofakhkharul

Speaker: Bari, Mofakhkharul (Bangladesh)

Discussion

17:00 – 18:30

Orthopaedics / Knee & Lower Leg

FREE PAPER

KNEE LIGAMENTS & MISCELLANEOUS

Room Istanbul

17.00–18.30

Moderators: Gamelas, João (Portugal), Sur, Hakkı (Turkey)

The Tibial Internal Rotation Test For Assessment Of Anterolateral Instability Of The Knee

Authors: Slichter, Malou / Wolterbeek, N. / Auw Yang, K.G. / Zijl, J.A.C. / Piscoer, T.M.

Speaker: Slichter, Malou (Netherlands, The)

Anterolateral Ligament Of The Knee Mechanical Behaviour, During Load To Failure Is Close To Capsular And Different From Ligamentous Properties

Authors: Ollivier, Matthieu / Parratte, Sébastien / Argenson, Jean-Noël / Flecher, Xavier

Speaker: Ollivier, Matthieu (France)

Recurrent Posterior Knee Laxity: Diagnosis, Technical Aspects And Treatment Algorithm

Authors: Makridis, Konstantinos / Rousseau, Romain / Zourntou, Mantina / Djian, Patrick

Speaker: Makridis, Konstantinos (Greece)

Combined Open Reconstruction Of Posterolateral (PCL) Corner Instability Associated With ACL And / Or PCL Deficiency Using Achilles Tendon Or Synthetic Allografts

Authors: Panagopoulos, Andreas / Niekerk, Louw Van / Triantafillopoulos, Ioannis / Kouzelis, Antonis / Tatani, Irini / Pantazis, Kostantinos

Speaker: Panagopoulos, Andreas (Greece)

Discussion

Surgical Outcomes Of Multiligament Reconstruction After Knee Dislocation In Male Vs. Female Patients

Authors: Angelini, Fabio / Helito, Camilo / Giglio, Pedro / Marcelo, Bonadio / Castro Neves, Rogério / Mota, Roberto / Pécora, José Ricardo / Santos Silva, Jorge / Demange, Marco

Speaker: Castro Neves, Rogério (Brazil)

Sagittal Patellar Tilt: A New Concept In Patellofemoral Pain Syndrome Etiopathogenesis

Authors: Aksahin, Ertugrul / Kaya, Defne / Pepe, Murad / Erdoganoglu, Yildiz / Yigit, Hasan / Aktekin, Cem Nuri

Speaker: Pepe, Murad (Turkey)

A Comparison Of Intraoperative Palpatory And Radiographic Landmarks Of The Femoral Insertion Of The MPFL In Trochlear Dysplastic Knees And Controls

Authors: Tscholl, Philippe / Hamard, Marion / Gonzalez, Amanda / Boudabbous, Sana / Duthon, Victoria B. / Menetrey, Jacques / Mauler, Flavien

Speaker: Mauler, Flavien (Switzerland)

An Effective Protocol To Diminish High Renal Risk Patient Complications

Authors: Duque, Andres / Orozco, Fabio / Post, Zachary / Lutz, Rex / Ong, Alvin

Speaker: Ong, Alvin (United States)

Discussion

Predictive Value Of T2 Mapping At 3-Tesla MRI In Patients With Untreated Patellar Cartilage Defects

Authors: Apprich, Sebastian / Schreiner, Markus / Szomolanyi, Pavol / Stelzener, David / Windhager, Reinhard / Trattinig, Siegfried

Speaker: Apprich, Sebastian (Austria)

Internal Derangement Of The Knee Sensitivity And Specificity Of An MRI In Correlation With A Diagnostic Arthroscopy

Authors: Baba, Muzamil Ahmad

Speaker: Baba, Muzamil Ahmad (India)

Which Arthrotomy Technique In The Knee Surgery Is More Protective On Tissue Perfusion? An Experimental Study

Authors: Koçak, Aykut / Özmeriç, Ahmet / Koca, Gökhan / Senes, Mehmet / Yilmaz, Cevdet / Iltar, Serkan / Korkmaz, Meliha / Alemdaroglu, Bahadır

Speaker: Özmeriç, Ahmet (Turkey)

Arthroscopic Knee Surgery Using Regional Anaesthesia

Authors: Savvidis, Matthaïos / Bisbinas, Ilias / Kitridis, Dimitrios / Chortoumanidis, Christos / Georgiannos, Dimitrios / Kapoutsis, Dimitrios / Chatzopoulos, Emmanouil / Gkouvas, Georgios

Speaker: Bisbinas, Ilias (Greece)

Discussion

17:00 – 18:30

Orthopaedics / Pelvis, Hip & Femur

COMPLEX CASE DISCUSSION      COMPLEX PRIMARY THA AFTER OSTEOTOMIES AND HIP FRACTURES      Room Paris

17.00–18.30      Moderator: Siebenrock, Klaus A. (Switzerland)

Primary Total Hip In Patients With Skeletal Dysplasia And Previous Corrective Surgeries  
Speaker: Gehrke, Thorsten (Germany)

Primary Total Hip After Previous Surgery For Acetabular Or Femoral Trauma  
Speaker: Timperley, A. John (United Kingdom)

Primary Total Hip In Patients With Previous Surgery For Development Hip Dysplasia  
Speaker: Tokgozoglu, Mazhar (Turkey)

Orthopaedics / Paediatric Orthopaedics

FREE PAPER      NETWORKING AROUND THE PAEDIATRIC HIP AND GROWTH      Room London

17.00–18.30      Moderators: Anticevic, Darko (Croatia), Omeroglu, Hakan (Turkey)

The Benefits Of A Paediatric Orthopaedic Network: A 7-Years Experience In The South West Of The United Kingdom  
Authors: Kocialkowski, Cezary / Bruce, David / Barnes, James / Brown, Rick  
Speaker: Kocialkowski, Cezary (United Kingdom)

The Prevalence Of Developmental Dysplasia Of The Hip In Premature Born Children. A Retrospective Study  
Authors: Koob, Sebastian / Schmolders, Jan / Strauss, Andreas / Wirtz, Dieter Christian / Placzek, Richard  
Speaker: Koob, Sebastian (Germany)

Is The Use Of Static Abduction Brace Better Than Pavlik Harness In The Treatment Of Ultrasonographically Stable Hips Under The Age Of 6 Months?  
Authors: Omeroglu, Hakan / Kose, Nusret / Akceylan, Anil  
Speaker: Omeroglu, Hakan (Turkey)

Pavlik Harness' Success In Patients With Late-Diagnosed Developmental Dysplasia Of The Hip With Unstable Hips: A Retrospective Review Of 17 Patients' 29 Hips  
Authors: Pehlivanoglu, Tuna / Akgul, Turgut / Bayram, Serkan / Bilgili, Fuat / Yazicioglu, Onder  
Speaker: Pehlivanoglu, Tuna (Turkey)

Discussion

The Safe Distance To Neurovascular Structures Changes With Position In The Medial Approach To The Hip Joint  
Authors: Özdemir, Güzelali / Derin Çiçek, Esin / Yilmaz, Baris / Sirin, Evrim / Kakaras, Muammer / Muratli, Hasan Hilmi  
Speaker: Özdemir, Güzelali (Turkey)

Evaluation Of Symphysis Pubis And Sacroiliac Joint Distances In Skeletally Immature Patients: A Computerised Tomography Study Of 1,020 Individuals  
Authors: Kalenderer, Önder / Turgut, Ali / Bacaksiz, Tayfun / Bilgin, Emre / Kumbaraci, Mert / Akkan, Hasan Ali  
Speaker: Kalenderer, Önder (Turkey)

New Surgical Procedure For Painful Neurogenic Hip Dislocation In Children  
Authors: Kenis, Vladimir / Baidurashvili, Alexey / Ivanov, Stanislav  
Speaker: Kenis, Vladimir (Russia)

Conversion From Hip Joint Arthrodesis Into Total Hip Replacement In Young Adults: Assesment Of Results  
Authors: Sionek, Andrzej Jerzy / Czubak, Jaroslaw / Czwojdzinski, Adam  
Speaker: Sionek, Andrzej Jerzy (Poland)

Discussion

One-Stage Reconstructive Surgery For Hip Instability In Children With Cerebral Palsy  
Authors: Boussetta, Rim / Khlif, Mohamed Ali / Bouchoucha, Sami / Saied, Walid / Nessib, Mohamed Nabil  
Speaker: Boussetta, Rim (Tunisia)

Patient And Carer Satisfaction With Wrist Arthrodesis In Adolescents With Cerebral Palsy  
Authors: Drake, Benjamin / Green, Nicholas / Bliss, William / Henman, Philip / De Gheldere, Antoine / Elsayed, Mohamed / Winger, Breanna  
Speaker: Drake, Benjamin (United Kingdom)

Friday  
2 June

17:00 – 18:30

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Evaluation Of Treatment Of Bone Bridges After Injury To The Growth Plate

Authors: Abood, Ahmed Abdul-Hussein / Møller-Madsen, Bjarne / Shiguetomi-Medina, Juan Manuel / Stødkilde-Jørgensen, Hans / Foldager, Casper / Rahbek, Ole

Speaker: Abood, Ahmed Abdul-Hussein (Denmark)

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Long-Term Outcome Following Multilevel Surgery In Cerebral Palsy

Authors: Jones, Mark David / Gardner, Richard / Gargan, Martin / Pyman, Jane / Monsell, Fergal

Speaker: Jones, Mark David (United Kingdom)

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Discussion

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## Poster Walks – 31 May 2017

NR.	TITLE	AUTHORS
Trauma / Shoulder & Upper Arm Trauma		
Poster Walk 1: 13.00 – 14.30 / Moderator: Cartucho, Antonio (Portugal)		
EFORT2017-1008	Subchondral Anchor Sutures Fixed To A Locking Plate For The Treatment Of Varus Displaced Proximal Humeral Fractures In The Elderly Reduces Significantly Secondary Varus Displacement	Putzeys, Guy Emile
EFORT2017-1236	A Validated Newer Anatomical Classification Of Greater Tuberosity Fractures In Anterior Glenohumeral Dislocations	Perianayagam, Ganapathy Raman / Waterman, Ade / Patel, Shakil / Modi, Amit
EFORT2017-1635	Minimally Invasive Plating Of Proximal Humeral Shaft Fractures	Dimitrov, Georgi / Totev, Konstantin / Valeshkov, Jordan / Gerasimov, Iskren / Lungarov, Stelyan
EFORT2017-1794	Outcome Of Proximal Humeral Fractures Treated With Intramedullary Nail Fixation With Medial Stabilisation Using A Locked Curved Blade: Is This The Future?	Antonios, Tony / Fawzy, Ernest / Karadaglis, Dimitrios / Orakwe, Samuel
EFORT2017-2254	Locking Plate Fixation Of Distal Humerus Diaphysis Fractures	Gulcek, Murat / Inci, Fatih / Ceyhan, Erman / Gurhan, Utku
EFORT2017-2478	Treatment Of Humeral Shaft Non-Union With Two 3.5 Plates. Evaluation Of Consolidation And Complications	Menez, Clement / Nallet, Jeremie / El Rifai, Sebastien / Loisel, François / Obert, Laurent
EFORT2017-2723	Concomitant Intraarticular Glenohumeral Injuries In Fractures Of The Scapula Body	Zyskowski, Michael / Beirer, Marc / Von Matthey, Francesca / Crönlein, Moritz / Münzel, Daniela / Pesch, Sebastian / Biberthaler, Peter / Kirchhoff, Chlodwig
EFORT2017-3150	Plate Positioning In Minimally Invasive Plate Osteosynthesis For Clavicle Midshaft Fractures: Demonstration With 3D-Printed Model	Kim, Ji Wan / Lee, Yongkoo / Seo, Yong Min
EFORT2017-564	Radial Nerve Palsy After Humeral Fracture: To Explore Or Not To Explore? A Case Report	Costa Pinheiro, Ana Alexandra / Oliveira, Carolina / Pombo, Bruno / Areias, Margarida / Varino Sousa, Cristina / Leal, Miguel
EFORT2017-578	Radiological And Clinical Results Of Tension Suture Fixation Using Two Washers With PHILOS Plate For Proximal Humeral Fractures	Cho, Chul-Hyun / Min, Kyung-Keun / Jung, Jae-Won
Trauma / Hip & Femur Trauma		
Poster Walk 2: 13.00 – 14.30 / Moderator: Gjertsen, Jan-Erik (Norway)		
EFORT2017-1082	Is Femoral Fracture Healing Really Compromised In Patients With Rheumatoid Arthritis? Comparison Study Between Rheumatoid And Non-Rheumatoid Arthritis Patients	Hwang, Kyu-Tae / Lee, Bong Gun / Park, Ki Chul
EFORT2017-1954	Comparison Of The Cost-Effectivity Of Proximal Femoral Nail (PFN) And Dynamic Hip Screw (DHS) In Stable Intertrochanteric Femur Fractures	Pehlivanoglu, Tuna / Akgul, Turgut / Chodza, Mehmet / Bayram, Serkan / Salduz, Ahmet / Yazicioglu, Onder
EFORT2017-2027	A Cost-Effective Alternative To DEXA Scanning In Detecting Patients At Risk Of Hip Fractures Due To Osteoporosis	Mohan, Kunal / Ellanti, Prasad / Moriarity, Andrew / Mc Carthy, Tom
EFORT2017-2051	Biplanar Fixation According To Filipov Technique: Clinical Results Of A New Screw Disposition For Subcapital Fractures	García-Coiradas, Javier / Valle, Jose / Urda, Antonio / Arriaza, Alvaro / Leon, Carlos / Marco, Fernando

## Poster Walks – 31 May 2017

NR.	TITLE	AUTHORS
EFORT2017-23	Predicting A Second Hip Fracture? A Large Retrospective Cohort Study	Sheikh, Hassaan Kaiser / Hossain, Fahad / Aqil, Adeel / Akinbamijo, Babawande / Kapoor, Harish
EFORT2017-2608	Pain Management In Hip Fracture Patients – An Audit Of National Guidelines	Clarkson, Rachel / Hanusch, Birgit C. / Clarke, Andrew / Hamid, Khalid / Eardley, William
EFORT2017-2849	Hip Fracture Time To Surgery And In-Hospital Mortality Between 27 Hospitals In Six Countries	Rasmussen, Sten / Gammall, Dany / Stevenson, Mark / Liew, Susan / Nordsletten, Lars / Talsnes, Ove / Gordon, Andrew
EFORT2017-300	The Difference Between Short And Long Intramedullary Nailing As The Treatment For Unstable Intertrochanteric Femoral Fracture (AO/OTA 31-A2) In Elderly Patients	Suh, Kuen Tak / Shin, Won Chul / Lee, Eun Sung / Lee, Sang Min
EFORT2017-422	Surgery For The Occult Hip Fracture – Always A Better Outcome Than Non-Occlude Fractures? A Comparison Study Of An Ortho-Geriatric Carepath Model	Ho, Sean Wei Loong / Thwin, Lynn / Kwek, Ernest
EFORT2017-561	Femoral Neck Fracture: Timing For Surgical Management In A District Hospital In Italy	Saporito, Michele / Boniforti, Filippo

### Trauma / Knee Et Lower Leg Trauma

Poster Walk 3: 13.00 – 14.30 / Moderator: Cimerman, Matej (Slovenia)

EFORT2017-1384	A New Minimally Invasive Technique For The Management Of Complex Fractures Of The Tibial Plateau Utilising Intramedullary Nailing Via The Suprapatellar Approach And Compression Bolts	Garnavos, Christos / Lasanianos, Nikolaos / Georgiadou, Paraskevi / Priftis, Athanasios / Sarafopoulos, Serafim / Karnezis, Ioannis
EFORT2017-2242	Acute Patellar Dislocation: Conservative Treatment Is Still Effective	Gerasimenko, Mikhail / Zhuk, Yauhen / Tratsiak, Stanislaw
EFORT2017-2741	Outcome Of Extensile Approach To Fixation Of Tibial Plafond Fractures	Hussain, Shakir / Malik, Shahbaz / Ahmed, Usman / El Ashry, Saad / Malik, Sheraz / Malik, Atul
EFORT2017-2747	All-Inside, Minimally Invasive Approach To Bone Transport Utilising An Intramedullary Limb Lengthening System: A Case Report	Barinaga, Gonzalo / Beason, Austin / Gardner, Matthew
EFORT2017-313	Treatment Of Osteomyelitis With Ilizarov Frame And Calcium Sulphate Secondary To Pre-Tibial Abscess	Walton, Victoria / Zhou, Rui / Pillai, Anand
EFORT2017-3145	Comparison Of The Clinical And Physiological Efficacies Of Ultrasound-Guided Nerve Block And General Anaesthesia In Emergency External Fixation Of Lower Leg Fractures (AO 42, 43, 44)	Lee, Gi-Soo / Oh, Byung Hak
EFORT2017-406	Biology Of The Fracture, The Base Of The Consolidation	Menéndez Solana, Guillermo / De La Red Gallego, Maria De Los Angeles / Alonso Viana, Laura / Herrera Diez, Julia Teresa / Pérez Aguilar, María Dolores
EFORT2017-511	The Use Of Osseointegrated Titanium Implants To Treat Trans-Tibial Amputees	Atallah, Robin / Lu, William / Al Muderis, Munjed
EFORT2017-515	Osseointegration For The Reconstruction Of Devastating Military And Terrorist Blast Injuries	Al Muderis, Munjed / Lu, William / Tetsworth, Kevin
EFORT2017-660	A Case Report Of Delayed Fasciotomy For Lower Leg Compartment Syndrome	Mori, Kouichi / Kida, Daihei

## Poster Walks – 31 May 2017

NR.	TITLE	AUTHORS
Trauma / Paediatric Trauma		
Poster Walk 5: 13.00 – 14.30 / Journeau, Pierre (France)		
EFORT2017-1517	Birth Related Femoral Fractures: Risk Factors And Management	Pavone, Vito / Testa, Gianluca / Riccioli, Maria / Lucenti, Ludovico / De Cristo, Claudia / Sessa, Giuseppe
EFORT2017-1658	Classification Of Paediatric Supracondylar Fractures: Comparison Of Gartland And Lagrange And Rigault Classifications	Grazina, Rita Simões / Oliveira, Márcio / Marinhas, José / Ferreira, Andreia / Costa, André / Rodrigues, Domingues / Santos, Mafalda
EFORT2017-1823	Results Of Intramedullary Nailing Open Femoral Fractures In Children	Tomaszewski, Ryszard
EFORT2017-1880	The Conservative Treatment Of Stable Upper Cervical Spine Fractures In Children	Tomaszewski, Ryszard
EFORT2017-2493	Paediatric Elbow Fractures Other Than Supracondylar	Riaz, Rashid
EFORT2017-2612	Reduction Of Supracondylar Humerus Fractures In Children With Percutaneous Fixation Associated To A New "I" Device	Alfonso-Bravo, Carlos / Abad-Lara, Jose Antonio / Quevedo-Reinoso, Rafael / Lopez Pulido, Manuel Jesus / Díaz-Miñarro, Jose Carlos / Martínez-Ortega, Maria
EFORT2017-2758	Supracondylar Fractures Of The Humerus In Children: Review Of The Results Of Osteosynthesis With Two Crossed Percutaneous Kirschner Wires	Lopes Vasques, André / Robalo Correia, António / Martins, Igor / Gonçalves Pereira, Filipa / Brito, Francisco / Maia De Oliveira, António
EFORT2017-3033	Tibial Tubercle Fracture In The Adolescent – A Case Series	Escobar, Marina / Gomes, Patricia / Vital Batista, Mafalda / Rodrigues, Patricia / Ovidio, Joana / Norte Ramos, Susana / Campagnolo, João / Tavares, Delfin
EFORT2017-361	Comparison Of Daytime And After-Hours Surgical Treatment Of Supracondylar Humeral Fractures In Children	Aydogmus, Suavi / Duymus, Tahir Mutlu / Kececi, Tolga / Adiyek, Levent / Kafadar, Adnan Behcet
EFORT2017-882	Associated Injuries In Skeletally Immature Children With Pelvic Fractures	Shaath, Mohamad / Gibson, Peter / Koury, Kenneth / Adams, Mark / Sirkin, Michael
Trauma / Varia Trauma		
Poster Walk 6: 13.00 – 14.30 / Moderator: Sitnik, Alexandre (Belarus)		
EFORT2017-1132	Fractures In Poliomyelitis Patients: Past Or Current Challenge? A Descriptive Study	Valle Cruz, Jose / Checa, Pablo / Urda, Antonio / Garcia-Coiradas, Javier / Leon, Carlos / Marco, Fernando
EFORT2017-1317	Applying The "Golden Patient" To A Busy District General Hospital: An Audit	Atkinson, Lindsay / Gaskin, Julian / Divekar, Manish
EFORT2017-1416	Distraction Osteogenesis For Combined Bone And Soft-Tissue Defect In Type IIIC Open Tibial Fractures	Wang, Pengfei / Zhuang, Yan / Zhang, Kun / Wei, Xing / Wang, Hu
EFORT2017-2790	Vaccum Assisted Closure Of Lower Limb Open Wounds In Orthopaedics	Sudnagunta, Swaroop Chandra / Umashankar, Thiyagarajan / Dhanarajan, Gokulraj
EFORT2017-297	T&O Post-Operative Instructions Are They Fit For Purpose?	Popescu, Maria / Adams, Scott
EFORT2017-430	Development And Validation Of The Chertsey Outcome Score For Trauma (COST)	Iliopoulos, Efthymios / Agarwal, Sujit / Khaleel, Arshad



## Poster Walks – 31 May 2017

NR.	TITLE	AUTHORS
EFORT2017-507	Venous Thromboprophylaxis In Lower Limb Trauma Patients Using Rivaroxaban. Retrospective Comparative Analysis	Ali, Imran A. / Mubashir, Ahmed / Qureshi, Ford Idris
EFORT2017-538	Minimally Invasive Functional Treatment Of Diaphyseal Fractures	Pidgaiska, Olga / Popsuishapka, Oleksii / Litvishko, Valeriy
EFORT2017-636	Effect Of Parathyroid Hormone Therapy On The Healing Of Aseptic Non-Unions	Kastirr, Ilko / Reichardt, Michael / Andresen, Reimer / Radmer, Sebastian / Schröder, Guido / Westphal, Thomas / Mittlmeier, Thomas / Schober, Hans-Christof
EFORT2017-666	Minimally Invasive Plate Osteosynthesis For Hypertrophic Non-Union: An Alternative Method Of Exchange Nailing	Kim, Joon-Woo / Oh, Chang-Wug / Park, Kyeong-Hyeon / Jung, Jae-Wook / Heo, Jeong

### Orthopaedics / Shoulder & Upper Arm

Poster Walk 7: 13.00 – 14.30 / Moderator: Nyffeler, Richard Walter (Switzerland)

EFORT2017-137	Application Of Platelet-Rich Plasma In The Rotator Cuff Tendinopathy. Clinical Trial: Preliminary Results	García-López, Marta / Vaquerizo, Victor / Ruiz De Castañeda, Maria Del Mar / Sánchez, Elena / Moreno, Verónica / Benito, Eulogio
EFORT2017-2199	Outcomes Following Primary Arthroscopic Anterior Labral Stabilisation Using Labral Tape – Case Series And Review Of Literature	Edwin, John / Morris, Daniel / Akhbari, Pouya / Gooding, Ben
EFORT2017-2302	A Novel Portal For Shoulder Arthroscopy For An Easy Instrumentation At Inferior Glenoid	Mahajan, Ravindra / Kim, Sung Jae
EFORT2017-2492	Translation, Cultural Adaptation, Validity And Reliability Of The Greek Version Of The Constant Score In Patients With Various Shoulder Problems	Panagopoulos, Andreas / Tatani, Irini / Ntourantonis, Dimitris / Iliopoulos, Ilias / Tyllianakis, Minos
EFORT2017-2497	Is The Accelerated Active Rehabilitation Protocol Safe Following Double Row Deltoid Repairs? A Prospective Non-Randomised Cohort Study In 308 Patients With Reverse Shoulder Arthroplasty: A New Concept	Fawzy, Ernest / Lee, Jonathon / Mazis, Georgios / Sforza, Giuseppe / Hogg, Carolyn / Bruguera, Juan / Consigliere, Paolo / Levy, Ofer
EFORT2017-2584	Med-Term Clinical And Radiological Outcomes Following Arthroscopic Latarjet With Capsulo-Labral Repair	Cutbush, Kenneth
EFORT2017-2762	Validity Of Isometric External Rotation In Predicting Rotator Cuff Tear Size And Reparability	Razmjou, Helen / Holtby, Richard
EFORT2017-296	Effect Of Neuromuscular Control On The Shoulder Function After Rotator Cuff Repair – Availability Of Time To Peak Torque And Acceleration Time	Park, Jisoon / Lee, Jin Hyuck / Jeong, Woong Kyo
EFORT2017-523	Long-Term Radiographic Analysis Of The Fatty Infiltration And Atrophy Of Well Repaired Rotator Cuff Muscles	Ichikawa, Koichi / Ito, Yoichi / Manaka, Tomoya / Hirakawa, Yoshihiro / Nakamura, Hiroaki
EFORT2017-605	Can Clinical Scores In Shoulder Instability Give Use Insight Into Different Cortical Activation?	Howard, Anthony / Powell-Greig, Joanne / Hawkes, David / Gibson, Jo / Alizadehkhayat, Omid / Kemp, Graham

### Orthopaedics / Wrist & Hand

Poster Walk 8: 13.00 – 14.30 / Moderator: Leixnering, Martin (Austria)

EFORT2017-1158	Can Collagenase Effectiveness Be Improved By Using Ultrasound-Guided Injection? A Comparative Study	Aguilella Fernández, Luis / Pérez, Rosana / Llopis, Eva
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## Poster Walks – 31 May 2017

NR.	TITLE	AUTHORS
EFORT2017-154	Phenolisation And Coralline Hydroxyapatite Grafting Following Meticulous Curettage For The Treatment Of Enchondroma Of The Hand. A Case Series Of 82 Patients With 5-Years Follow-Up	Georgiannos, Dimitrios / Bisbinas, Ilias / Lampridis, Vasilios / Kapoutsis, Dimitrios / Savvidis, Matthaios / Gouvas, George
EFORT2017-1728	The Most Common Symptoms And Patient's Problems In Chronic, Long-Lasting Carpal Tunnel Syndrome	Breborowicz, Ewa / Jokiel, Marta / Olczak, Izabela / Balcerek, Tomasz / Romanowski, Leszek
EFORT2017-1763	Skin Laceration In The Treatment With Clostridium Histolyticum Collagenase For Dupuytren's Disease	Sanjuan-Cervero, Rafael / Franco-Ferrando, Nuria / Peña-Molina, Fernando
EFORT2017-235	Platelet-Rich Plasma Ultrasound-Guided Injection In The Treatment Of Carpal Tunnel Syndrome: A Placebo-Controlled Clinical Study	Malahias, Michael-Alexander / Nikolaou, Vasileios / Chronopoulos, Efstathios / Kasetas, Maria-Kyriaki / Ioannis, Sourlas / Babis, George
EFORT2017-2555	Kienböck's Disease - Medium And Long-Term Results After Radial Osteotomy	Santos Silva, Marta / Serrano, Pedro / Esteves, João / Figueiredo, Sergio / Rodrigues, Claudia / Pereira, Alexandre / Trigueiros, Miguel / Silva, César
EFORT2017-2987	Surgical Management Of Chronic Boutonniere Deformity. Clinical Outcome Of 13 Patients	Raptis, Konstantinos / Megaloikononimos, Panayiotis D. / Kanellos, Panagiotis / Antonopoulos, Dimitrios / Fandridis, Emmanouil / Spyridonos, Sarantis
EFORT2017-334	Responsiveness Of EQ-5D In Patients With A Distal Radius Fracture	Rundgren, Johanna / Enocson, Anders / Mellstrand Navarro, Cecilia / Bergström, Gunnar
EFORT2017-35	Short To Mid-Term Results Of Ulna Head Replacement As Both A Primary And Revision Implant	Abdelwahab, Ali / Hamed, Ahmed
EFORT2017-848	A Functional Angle Of 35° At The Distal Interphalangeal Joint Can Be Achieved With Headless Compression Screw Fusion	Ingoe, Helen / Middleton, Alan

### Orthopaedics / Pelvis, Hip & Femur

Poster Walk 9: 13.00 – 14.30 / Moderator: Hindsoe, Klaus (Denmark)

EFORT2017-1053	Long-Term Results Of The Periacetabular Osteotomy: Over 10-Years Follow-Up	Chiba, Daisuke / Yamada, Norikazu / Kuwahara, Yoshiyuki / Kogure, Atsushi / Baba, Kazuyoshi / Kamata, Kumi / Tanaka, Hidetatsu / Itoi, Eiji
EFORT2017-1075	Early Discharge After Total Hip And Knee Arthroplasty – How Do Patients Become Experts In Rehabilitation?	Schwartz Leonhardt, Jane / Appel Holm, Henriette
EFORT2017-1342	A Traffic Light Grading System Of Hip Dysplasia To Predict The Success Of Arthroscopic Hip Surgery	Grammatopoulos, George / Davies, Owain / El-Bakoury, Ahmed / Gill, Richie / Pollard, Tom / Andrade, Tony
EFORT2017-162	Effect Of Diagnostic Intraarticular Lidocaine Injection Into The Hip Joint In Patients With A Labral Tear	Kawakubo, Ayumu / Fukushima, Kensuke / Inoue, Gen / Miyagi, Masayuki / Uchida, Kentaro / Moriya, Mitsutoshi / Uchiyama, Katsufumi / Takahira, Naonobu / Takaso, Masashi
EFORT2017-1651	Do We Need Collision Model Software For Femoroacetabular Impingement Correction?	Santori, Nicola / Bertino, Antonio / Potestio, Domenico
EFORT2017-2498	The Importance Of A Specific Post-Operative Rehabilitation Protocol After Arthroscopic Femoroacetabular Impingement Treatment	Santori, Nicola / Bertino, Antonio / Potestio, Domenico
EFORT2017-2823	The Treatment Of Ischiofemoral Impingement	Mochizuki, Yoshihito

## Poster Walks – 31 May 2017

NR.	TITLE	AUTHORS
EFORT2017-2834	Minimum 10-Years Results Of Alumina Matrix Composite Ceramic-On-Ceramic Uncemented Total Hip Replacements	Dhawan, Rohit / Whittaker, John-Paul / Gregson, P / Graham, NM / Karlakki, SL
EFORT2017-3077	Short-Term Complication Rate With Ceramic-On-Ceramic 36 Mm Head	Marin-Peña, Oliver / Montoya Adarraga, Javier / Oñorbe, Fernando / Abd El-Radi, Mohamed / Nekkanti, Supreeth / Larrainzar Garijo, Ricardo
EFORT2017-819	Rotational Acetabular Osteotomy For Acetabular Dysplasia And Osteoarthritis: A 20-Years Mean Follow-Up	Yuasa, Takahito / Maezawa, Katsuhiko / Sato, Hironobu / Kaneko, Kazuo / Nozawa, Masahiko

### Orthopaedics / Pelvis, Hip & Femur

Poster Walk 10: 13.00 – 14.30 / Moderator: Blom, Ashley (United Kingdom)

EFORT2017-118	Predictive Factors On Metal-Ion Levels In Metal-On-Metal Total Hip Arthroplasty	Kasperek, Maximilian / Renner, Lisa / Faschingbauer, Martin / Waldstein, Wenzel / Weber, Michael / Boettner, Friedrich
EFORT2017-1388	7-Years Follow-Up Of Large Head Metal-On-Metal Total Hip Arthroplasty	Aguado-Maestro, Ignacio / Cebrián-Rodríguez, Elisa / Bañuelos-Díaz, Alejandro / Quintanilla-García, Álvaro / López-Sánchez, Javier / Fernández-Díez, Diego / García-Alonso, Manuel
EFORT2017-1571	Metaphyseal Debonding Of The Corail Collarless Uncemented Stem. Report Of 15 Cases	Buttaro, Martin / Zanotti, Gerardo / Comba, Fernando / Slullitel, Pablo / Piccaluga, Francisco / Oñativia, José Ignacio
EFORT2017-1649	Clinical Manifestation Of ARMD: A Latent Class Analysis Of MRI Findings In MoM Hip Replacements	Reito, Alekski / Elo, Petra / Lainiala, Olli / Eskelinen, Antti
EFORT2017-1683	Wear And Oxidation In Highly Cross-Linked Melted Polyethylene Liners Retrieved At A Minimum Of 11 Years After Total Hip Arthroplasty	Nakamura, Takuya / Maruhashi, Yoshinobu / Hashimoto, Noriyuki / Ueshima, Kenichi / Sasagawa, Takeshi / Funaki, Kiyonobu
EFORT2017-2380	The Association Between Wear And Histopathological Findings In Patients With Failed ASR Hip Resurfacing Arthroplasty	Lehtovirta, Lari / Reito, Alekski / Parkkinen, Jyrki / Hothi, Harry / Henckel, Johann / Hart, Alister / Eskelinen, Antti
EFORT2017-2441	XLPE-Liners Show Similar Wear To UHMWPE Liners In THA After 9 Years Of Follow-Up	Mayer, Constantin / Rommelmann, Moritz / Bittersohl, Bernd / Behringer, Michael / Jäger, Marcus / Krauspe, Rüdiger / Zilkens, Christoph
EFORT2017-2953	Hip Resurfacing Metalwork Failure And Review Of The Literature	Davenport, Dominic / Duncan, James / Parikh, Mirant / Edwards, Max
EFORT2017-344	Complex Crowe Type 4 Dysplastic Hip Disorder, A New Term	Savadkoobi, Dariush / Siavashi, Babak / Pendar, Ehsan / Aalirezaei, Arash
EFORT2017-781	Longitudinal Ion Measurements In ASR Hip Implants: Mid-Term Changes In Metal Ion Levels	Galea, Vincent / Laaksonen, Inari / Matuszak, Sean / Connelly, James / Muratoglu, Orhun / Malchau, Henrik

### Orthopaedics / Knee & Lower Leg

Poster Walk 11: 13.00 – 14.30 / Moderator: Bytyqi, Cen (Kosovo)

EFORT2017-1249	Does Lateral Meniscal Allograft Transplantation Using The Key-Hole Technique Restore The Anatomical Location Of The Native Lateral Meniscus?	Bin, Seong-Il / Lee, Bum Sik / Oh, Sung Mok / Kim, Jae Young
EFORT2017-1333	Opening Wedge High Tibial Osteotomy	Chiesa, Gaston / D'Elia, Martin / Benitez Gil, Gustavo / Bonetto, Fernando / Turus, Luis / Martinez Lotti, Gabriel

## Poster Walks – 31 May 2017

NR.	TITLE	AUTHORS
EFORT2017-1523	Comparison Of ACL Reconstruction Outcomes Between Double Bundle Reconstruction, Selective Bundle Reconstruction And Single-Bundle Reconstruction	Chia, Zi Yang / Chang, Paul / Lie, Denny / Chee, Jade
EFORT2017-1662	Investigation Of A Predictive Factor For Acquiring An Ideal Realignment After Opening-Wedge High Tibial Osteotomy Using Imageless Navigation System	Sasaki, Yohei / Mitsugi, Naoto / Taki, Naoto / Ota, Hirohiko / Shinohara, Kentaro / Saito, Tomoyuki
EFORT2017-1747	Lipoma Arborescens: Histological And Immunohistochemical Characteristics	Čör, Andrej / Pižem, Jože / Milošev, Ingrid
EFORT2017-1975	Promising Med-Term Results Of Selective Bundle Anterior Cruciate Ligament (ACL) Reconstruction In Comparison With Double-Bundle ACL Reconstruction	Chee, Jade / Chang, Paul / Lie, Denny / Chia, Zi Yang
EFORT2017-2713	A Non-Allergenic Implant Could Be A Solution For The Good-Looking Painful Knee Prosthesis?	Mazza, Daniele / Proietti, Lorenzo / Rossato, Alessio / Drogo, Piergiorgio / Massafra, Carlo / Iorio, Raffaele / Conteduca, Fabio / Ferretti, Andrea
EFORT2017-3048	No Correlation Between Coronal Alignment Of Total Knee Arthroplasty And Clinical Outcomes – A Prospective Clinical Study Using 3D-CT	Schiapparelli, Filippo-Franco / Slevin, Omer / Hirschmann, Michael Tobias
EFORT2017-540	Knee Arthroplasties Secondary To Severe Post-Traumatic Damages Of The Knee: Results Of 25 Cases	Saragaglia, Dominique / Pailhé, Régis / Rubens Duval, Brice / Morin, Vincent
EFORT2017-565	Robotic-Arm Assisted Total Knee Arthroplasty Demonstrated Accuracy To Plan Even During Learning Phase	Hampf, Emily / Scholl, Laura / Prieto, Michael / Chang, Ta-Cheng / Abbasi, Abdullah / Bhowmik-Stoker, Manoshi / Otto, Jason / Jacofsky, David / Mont, Michael

### Orthopaedics / Knee & Lower Leg

Poster Walk 12: 13.00 – 14.30 / Moderator: Meuffels, Duncan (Netherlands, The)

EFORT2017-1239	Influence Of Intraoperative Lipid / Marrow Infiltration And Intraoperative Motions Upon Cemented Tibial Implant Fixation	Maag, Chase / Peckenpaugh, Eric / Metcalf, Amber / Haines, Alyssa / Dun, Shouchen / Langhorn, Jason / Heldreth, Mark
EFORT2017-1316	Comparison Of 3 Methods Of Wound Closure Following Total Knee Arthroplasty. Retrospective Study Of 327 Knees	Hafez, Mohamed / Cameron, Ruth / Rice, Robin
EFORT2017-1439	Patellar Instability In Psychomotor Retardation Patient. A Case Report	Garcia Martin, Victor / Martinez Arnaiz, Javier / Lopez Muñoz, Christian / Cambronero Honrubia, Isabel / Ruiz Picazo, David / Soriano Gallo, Inmaculada
EFORT2017-1482	Does The Location Of Placement Of Meniscal Sutures Have A Clinical Effect In The All-Inside Repair Of Meniscocapsular Tears?	Serbest, Sancar / Tiftikçi, Ugur
EFORT2017-2115	Single Use Instrumentation Technologies In Knee Arthroplasty: Comparative Study With Standard Instrumentation	Giannotti, Stefano / Celli, Fabio / Citarelli, Carmine / Bugelli, Giulia / Bottai, Vanna / Capanna, Rodolfo
EFORT2017-267	Comparative Assessment Of Gait Between Multi-Radius And Gradually Reducing Radius Total Knee Arthroplasty Designs	Lee, Sang Jin / Park, Man Jun
EFORT2017-327	Medial Patellofemoral Ligament Reconstruction For Recurrent Patellar Instability Using A Gracilis Autograft Without Bone Tunnel	Kyung, Hee-Soo / Kim, Tae-Seong / Kim, Hee-June

## Poster Walks – 31 May 2017

NR.	TITLE	AUTHORS
EFORT2017-52	Total Knee Replacements In Early Osteoarthritis: A Retrospective Review Of Asian Patients With Early Osteoarthritis	Singh, Amritpal / Hong, Choon Chiet / Krishna, Lingaraj
EFORT2017-804	The Relationship Between Level Of Anemia And Fatigue Scale In Early Post-Operative TKA	Khuangsirikul, Saradej / Aegakkatajit, Noppadol / Lekkreusuwan, Kreangsak / Chotanaphuti, Thanainit
EFORT2017-815	Comparison Of Mid-Flexion AP Stability Between Conventional Posterior Stabilised And Medial Pivot TKAs Using A Novel Knee Stability Device	Satake, Shinji / Katsuda, Hiroshi / Kobayashi, Akio

### Orthopaedics / Musculoskeletal Tumors

Poster Walk 13: 13.00 – 14.30 / Moderator: Szendrői, Miklós (Hungary)

EFORT2017-1095	Complications Of Curettage And Cementation In Low-Grade Chondrosarcomas	Hiz, Veli Muzaffer Murat / Karaismailoglu, Bedri / Kocak, Soner / Görgün, Baris
EFORT2017-1356	Benefit Of Adjuvant Radiotherapy For Local Control, Distant Metastasis, And Survival Outcomes In Patients With Localised Soft-Tissue Sarcoma: Comparative Effectiveness Analysis Of An Observational Cohort Study	Posch, Florian / Leitner, Lukas / Liegl-Atzwanger, Bernadette / Doeller, Carmen / Pichler, Martin / Gerger, Armin / Bezan, Angelika / Michael, Stotz / Bergovec, Marko / Stoeger, Herbert / Leithner, Andreas / Szkandera, Joanna
EFORT2017-1508	Epidemiology Of Tumors And Tumor Like Lesions Of The Upper Extremity In The Greek Population. A 20-Years Study From A Single National Hand And Upper Extremity Surgical Department	Tolis, Konstantinos / Fandridis, Emmanouil / Giannoulis, Philippos / Eftychiadis, Christos / Spyridonos, Sarantis
EFORT2017-1561	Sports Activity Levels In Patients With A Modular Proximal Humerus And Total Humerus Endoprosthesis Following Bone Sarcoma	Hobusch, Gerhard / Synak, Lukas / Lang, Nikolaus / Funovics, Philipp Theodor / Sabeti-Aschraf, Manuel / Windhager, Reinhard
EFORT2017-1709	Outcome Of Surgical Treatment In Pathological Fractures In Metastasis Of The Long Bones	Badila, Adrian Emilian / Manolescu, Robert / Japie, Ioan / Ciobanu, Traian / Radulescu, Dragos-Mihai / Papuc, Alexandru / Popescu, Vlad / Radulescu, Radu
EFORT2017-1748	Surgical Treatment Of Giant-Cell Tumor Of The Bone	Japie, Ioan / Badila, Adrian Emilian / Manolescu, Robert / Terinte, Silvia / Radulescu, Dragos / Cocor, Cristina / Cirstoiu, Catalin / Radulescu, Radu
EFORT2017-1828	Risk Factors For Pathological Fractures Of Unicameral Bone Cysts In The Proximal Humerus	Mavcic, Blaž / Saraph, Vinay / Gilg, Magdalena Maria / Bergovec, Marko / Breclj, Janez / Leithner, Andreas
EFORT2017-243	Good Long-Term Outcome Of Stereotactic Radiotherapy For A Thoracic Epidural Cavernous Hemangioma Presenting As Myelopathy: A Case Report	Tokuumi, Yuji / Onishi, Hiroaki / Takanaka, Tsuyoshi
EFORT2017-437	Development Of A Modular Lightweight Tumor Endoprosthesis With Novel Textile Attachment Points For The Refixation Of Previously Detached Muscle Groups	Grunert, Ronny / Michael, Schmidt / Kopper, Michael / Toepfel, Thomas / Raedel, Thomas / Hanus, Sibylle / Prieztel, Torsten
EFORT2017-64	Knee Joint Preservation Surgery For Osteosarcoma Patients Using Tumor-Bearing Bone Treated By Liquid Nitrogen	Yamamoto, Norio / Higuchi, Takashi / Hayashi, Katsuchiro / Takeuchi, Akihiko / Miwa, Shinji / Inatani, Hiroyuki / Abe, Kensaku / Aiba, Hisateru / Tsuchiya, Hiroyuki

## Poster Walks – 31 May 2017

NR.	TITLE	AUTHORS
General Topics / Basic Sciences		
Poster Walk 14: 13.00 – 14.30 / Moderator: Grimm, Bernd (Netherlands, The)		
EFORT2017-1048	Natural Killer And Inflammatory Cytokines In Knee Osteoarthritis	Estella, Ruben / Garcia-Alvarez, Felicitó / Jaime, Paula / Garcia-Guerrero, Natalia / Martínez-Lostao, Luis / Pardo, Julián
EFORT2017-1183	Blood And Bone Marrow-Based Autologous Anti-Inflammatory Therapies Have Disease: Modifying Properties In A Rat Meniscal Tear Osteoarthritis Model	King, William / Bendele, Alison / Woodell-May, Jennifer
EFORT2017-2151	There Is A Medialisation Of The Point Of Highest Mineral Density In The Medial Subchondral Bone Of Tibias With Medial-Compartment Osteoarthritis	Jolles-Haerli, Brigitte / Babel, Hugo / Omoumi, Patrick / Favre, Julien
EFORT2017-2853	Teriparatide Enhances Osteogenic Differentiation Of Human Induced Pluripotent Stem Cells	MacFarlane, Robert / Klontzas, Michalis / Heliotis, Manolis / Tsiridis, Eleftherios / Mantalaris, Athanasios
EFORT2017-3023	In Vitro Propagated Adipose Tissue Derived Mesenchymal Stem Cells Used In The Treatment Of Knee Osteoarthritis: Mid-Term Results	Spasovski, Duško / Spasovski, Vesna / Bašcarevic, Zoran / Stojiljkovic, Maja / Vreca, Miša / Andjelkovic, Marina / Pavlovic, Sonja
EFORT2017-377	Effects Of Teriparatide Treatment And Discontinuation In Postmenopausal Women And Eugonadal Men With Osteoporosis	Zidrou, Christiana / Tsioulas, Paschalis / Fleva, Alexandra / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios / Beletsiotis, Anastasios
EFORT2017-378	Prevention Of Nonvertebral Fractures And Hip Fractures With Oral Vitamin D And Dose Dependency	Zidrou, Christiana / Tsioulas, Paschalis / Fleva, Alexandra / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios / Beletsiotis, Anastasios
EFORT2017-501	The Effect Of Culture Confluence On The Chondrogenic Potential Of BM-MSCs In Three-Dimensional Cartilage Tissue Engineering	Tucker, Damien / Blom, Ashley / Kafienah, Wael
EFORT2017-889	Application Of Demineralised Cortical Bone Matrix And Bone-Marrow Derived Mesenchymal Stem Cells In A Chronic Rotator Cuff Tear Model	Thangarajah, Tanujan / Sanghani-Kerai, Anita / Henshaw, Frederick / Lambert, Simon / Pendegrass, Catherine / Blunn, Gordon
General Topics / Quality Management		
Poster Walk 15: 13.00 – 14.30 / Moderator: Wirth, Thomas (Germany)		
EFORT2017-1610	Double Checking To Reduce Errors During X-Ray Imaging In Orthopaedic Outpatient Clinic	Koh, Kyoung Hwan / Kim, Joon Yub / Kim, Seong Hun
EFORT2017-1643	Comparison Between Paper And Electronic Versions Of Self-Administered Questionnaires: A Study-Based On Patients At Orthopaedic Clinics	Koh, Kyoung Hwan / Kim, Joon Yub / Song, Seong Hun
EFORT2017-2093	A Novel Admission Document In A Tertiary Orthopaedic Trauma Centre	Jefferies, James / Shields, David / Brown, Cameron
EFORT2017-2168	Improving The Spinal Ward Round At A Major Trauma Centre	Crespo, Boris Aliaga / Parwaiz, Hammad / Harding, Ian
EFORT2017-2200	The 30-Days Hospital Readmission Rate – An Indicator Of Performance And A Benchmark Of Quality Of Care	Saeed, Muhammad Zahid / Pepper, Thomas / Edwards-Bailey, Andrew / Chang, Elvin / Foxall-Smith, Michael / Azam, Mohsin / Ahrens, Philip / Goddard, Nicholas / Galea, Arthur / Mann, Haroon / Maruthainar, Nimalan / Garlick, Nicholas

## Poster Walks – 31 May 2017

NR.	TITLE	AUTHORS
EFORT2017-2360	Weekend Review Of Post-Operative Trauma Et Orthopaedic Patients: A Completed Closed Loop Audit From A UK District General Hospital	Khoury, Alexandra / Jones, Mark / Aruede, Gloria / Buckle, Christopher / Slater, Guy
EFORT2017-2439	Exposure To Ionising Radiation In Orthopaedics: What Do We Know?	Couto, André / Ramos, Acacio / Lopes, Miguel / Rosa, Joao / Paulo Sousa, Joao
EFORT2017-2460	A New Clinical Pathway For Acute Traumatic Shoulder Dislocations In A Teaching Hospital Setting: Quality Improvement Project	Titchener, Andrew / Hallikeri, Prithviraj / Krishan, Anil / Bateman, Marcus / Tambe, Amol / Espag, Marius / Cresswell, Tim / Clark, David
EFORT2017-2482	Short-Term Complication Rate Following Orthopaedic Surgery. Prospective Registry In A Tertiary Care Centre In Argentina	Camino Willhuber, Gaston / Stagnaro, Joaquin / Bongiovanni, Santiago / Astoul Bonorino, Juan / Petracchi, Matias / Taype, Danilo / Bilbao, Facundo / Donndorff, Agustin / Godoy Monzon, Daniel / Vestri, Renato / Bassani, Julio
EFORT2017-2941	Pre-Operative Fasting: A Clinical Audit	Tsantanis, Pantelis / Gordon, Rosie / Dewhirst, Laura

## Poster Session – 31 May 2017

NR.	TITLE	AUTHORS
General Topics / Biomechanics		
EFORT2017-1861	Posterolateral Bare Area Of Articular Support With 3.5 Precontoured Locking Compression Plates Can Be Augmented By Additional Rim Plating In Tibial Plateau Fractures – A Cadaveric Study	Kim, Youngwoo
EFORT2017-2404	Biomechanical Evaluation Of Intramedullary Screw Fixation For Jones Fracture Treatment By Simulation Of Peroneus Brevis Muscle Activity	Willegger, Madeleine / Benca, Emir / Moser, Lukas / Zandieh, Shahin / Windhager, Reinhard / Schuh, Reinhard
EFORT2017-2532	Development Of Inexpensive Open Hardware Wearable Sensors For Examination Of Proprioception Based On Error Of Active Reproduction Of Joint Position (EARJP)	Lapaj, Lukasz / Helak-Lapaj, Celina / Mróz, Adrian / Kruczynski, Jacek
General Topics / Education		
EFORT2017-1049	Diagnosics Of Staphylococcus Spp. Prosthetic Joint Infections With Bacteriophage K	Šuster, Katja / Milošev, Ingrid / Čör, Andrej
EFORT2017-1122	Does Sustain Release Of Growth Factor Enhance The Healing Of Repaired Rotator Cuff Tendon ?	Yoon, Jong Pil / Jung, Jae-Wook / Jeong, Won-Ju / Park, Ga Young / Chung, Seok Win / Kim, Joon Yub
EFORT2017-1202	Efficacy And Safety Of CNTX-4975 For Treatment Of Pain With Walking In Subjects With Chronic, Moderate To Severe Knee Pain Associated With Osteoarthritis: 12-Weeks Results Of A Randomised, Double-Blinded, Placebo-Controlled, Phase 2b Study	Hanson, Peter D. / Campbell, James / Guedes, Kimberly / Burges, Robin / Nieves, Yeni / Stevens, Randall M.
EFORT2017-1266	Influence Of Ethanol Consumption And Drinking Period In The Development Of Alcohol-Induced Osteonecrosis Of The Femoral Head	Shimizu, Junya / Okazaki, Shunichiro / Nagoya, Satoshi / Tateda, Kenji / Kosukegawa, Ima / Takahashi, Nobuyuki / Yamashita, Toshihiko
EFORT2017-1370	Contribution Of Runt-Related Transcription Factor 2 In Osteoarthritic Hips: An Immunohistochemical Study	Yoshioka, Shinji / Nakano, Shunji / Nakamura, Masaru / Kinoshita, Yutaka / Sairyō, Koichi
EFORT2017-1385	A Double Button Adjustable Loop Device Is Biomechanically Equivalent To Tension Band Wire In The Fixation Of Transverse Patellar Fractures – A Cadaveric Study	Han, Fucai / Lim, Chin Tat / Murphy, Diarmuid / Pearce, Christopher Jon / Lee, Bernard Chee Siang / Kumarsing Ramruttun, Amit / Ng, David Qing Kai / Chong, Desmond Yok Rue
EFORT2017-1421	Effect Of Changes Of Femoral Offset On Abductor And Joint Reaction Forces In Total Hip Arthroplasty	Rüdiger, Hannes A. / Guillemin, Maïka / Latypova, Adeliya / Terrier, Alexandre
EFORT2017-1447	Advantages Of A New External Fixator With Monocortical Screws For The Temporary Stabilisation Of Tibial And/Or Ankle Fractures. A Prospective Observational Multicentric Study	Mori, Claudio Maria / Vicenti, Giovanni / Conserva, Vito Giuseppe / Carrozzo, Massimiliano / De Crescenzo, Angelo / Picca, Girolamo / Moretti, Biagio
EFORT2017-1642	The Dynamics Of The Contact Patch To Rim Distance During Normal Gait In Total Hip Arthroplasty	Rüdiger, Hannes A. / Latypova, Adeliya / Terrier, Alexandre
EFORT2017-1661	Periprosthetic Bone Mineral Density Changes After Implantation Of A Short Hip Stem Compared To A Straight Stem: 5-Years Results Of A Prospective, Randomised DEXA-Analysis	Bieger, Ralf / Meyer, Julian / Freitag, Tobias / Reichel, Heiko
EFORT2017-1941	Magnetic Resonance Imaging Criteria Of Muscle-Tendon-Healing After Rotator Cuff Repair: Analysis Of Intra- And Inter-Rater Reliability	Loitsch, Thomas / Sgroi, Mirco / Reichel, Heiko / Kappe, Thomas





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NR.	TITLE	AUTHORS
EFORT2017-1997 	Outcome Of Primary One-Stage Total Hip Arthroplasty For Patients With Tuberculosis Of The Hip	Nuñez Camarena, Jorge / Filomeno, Elio / Minguell, Joan / Hernández Martínéz, Alejandro
EFORT2017-2070	Restoration Of Biomechanics Using A Non-Modular Stem In Revision Hip Arthroplasty	Shaw, Debbie / Saunders, Paul / Dojode, Chetan / Sidharthan, Sijin / Young, Stephen / Board, Tim
EFORT2017-2173 	Does Lumbar Arthrodesis Compromise Outcome Following Hip Arthroplasty? – A Case Control Study	Parker, Simon / Grammatopoulos, George / Dhaliwal, Kam / Pradhan, Rajib / Marshall, Rob / Andrade, Tony
EFORT2017-2304 	The Effect Of Primary Diagnosis On The Survival After Total Hip Arthroplasty	Bolder, Stefan BT / Spaans, Elsa A. / Koenraad, Koen LM / Van Den Hout, Joost AAM / Wagenmakers, Robert
EFORT2017-2393	Bone Marrow Lesion In Osteoarthritic Subchondral Bone Can Be Regenerated With Serum From Platelet-Rich Fibrin But Not With PRP	Lacza, Zsombor / Kuten, Olga / Hornyák, István / Simon, Melinda / Kardos, Dorotya / Nehrer, Stefan
EFORT2017-2582 	Hipstress After Bilateral Periacetabular Osteotomy Based On Medialisation Of The Hip Centre	Stražar, Klemen / Leban, Jure / Storgard Jakobsen, Stig / Søballe, Kjeld
EFORT2017-2590	Radiographical (And EBRA) Analysis Of 100 Cementless HA-Coated Hip Stems With Large 36mm Ceramic-On-Ceramic Bearings At 7.5-Years Follow-Up	Holzer, Lukas / Pfann, Michael / Maier, Michael / Friesenbichler, Jörg / Boldt, Jens / Leithner, Andreas / Maurer-Ertl, Werner
EFORT2017-2774	Molecular And Epigenetic Crosstalk Of Networks Activating Inflammation In Patients With Aseptic Loosening Following Total Hip Arthroplasty	Evangelou, Konstantinos / Grafanaki, Katerina / Anastasakis, Dimitrios / Georgiou, Christos / Konstantopoulou, Anna / Megas, Panagiotis / Stathopoulos, Constantinos
EFORT2017-2845	Efficiency Of THA In Patients With Hip Ankylosis. What Determines The Outcome Of The Surgery?	Tikhilov, Rashid / Shubnyakov, Igor / Myasoedov, Alexey / Denisov, Alexey
EFORT2017-2886 	Reversibility Of MoM Wear Products Related Decrease In The Osteogenic Capacity Of Mesenchymal Stromal Cells In Vitro	Rakow, Anastasia / Duda, Georg / Perka, Carsten / Schoon, Janosch
EFORT2017-2977	The Direct Anterior Approach Vs. Other Surgical Approaches In Hemiarthroplasty	Binlaksar, Ruwais / Tuncay, Ibrahim / Kucukdurmaz, Fatih
EFORT2017-3054	Dynamic MRI In ACL Tears: Helpful In Difficult Cases	Rampino, Gianluca / Lucidi, Giannicola / Lucidi, Gian Andrea / Monetti, Giuseppe
EFORT2017-417 	Evaluation Of A Navigation System For Re-Orientation Rotational Acetabular Osteotomy (RAO)	Nagoya, Satoshi / Suzuki, Daisuke / Tateda, Kenji / Okazaki, Shunichiro / Kosukegawa, Ima / Shimizu, Junya
EFORT2017-658	The Treatment Of Osteoporotic Pubic Ramus Fractures With A Photodynamic Stabilisation System (PDSS): Preliminary Results	Oikonomidis, Stavros / Ashqar, Ghazi / Graf, Markus / Sobottke, Rolf
EFORT2017-717	Long-Term Clinical Results Of Minimally Invasive Unicompartmental Knee Arthroplasty In Patients Younger Than 60 Years Of Age: Minimum 10-Years Follow-Up	Kim, Kyung-Tae / Lee, Song / Kang, Min-Su
EFORT2017-731 	Decreasing Predictive Power Of Co-Morbidity On Mortality After Total Hip Arthroplasty Over Time	Bülow, Erik / Rolfsen, Ola / Cnudde, Peter / Rogmark, Cecilia / Garellick, Göran / Nemes, Szilard

## Poster Session – 31 May 2017

NR.	TITLE	AUTHORS
EFORT2017-754	<b>Hip Spine Syndrome: Cross-Sectional Study Of Spinal Alignment In Patients With Coxalgia</b>	Miyagi, Masayuki / Fukushima, Kensuke / Inoue, Gen / Shoji, Shintaro / Nakazawa, Toshiyuki / Imura, Takayuki / Yamamoto, Takeaki / Moriya, Mitsutoshi / Saito, Wataru / Shirasawa, Eiki / Uchida, Kentaro / Uchiyama, Katsufumi / Takahira, Naonobu / Takaso, Masashi
EFORT2017-77	<b>Three-Dimensional, CT-Assisted Planning Aid In Primary Hip Arthroplasty</b>	Radmer, Sebastian / Andresen, Julian Ramin / Andresen, Reimer
EFORT2017-883	<b>Diagnostic Accuracy Of Ultrasound Elastography For Deep Gluteal Syndrome</b>	Vojvodic, Aleksandar / Mihailovic, Jelena / Stajic, Sava / Carro, Luis Perez
<b>General Topics / Implants, Biomaterials &amp; Registry Study</b>		
EFORT2017-1112	<b>Bone-Cement-Abrasion Testing Of A Multilayer Zirconium Nitride Coating, CoCrMo And Oxidised Zirconium</b>	Li, Chenxi / Louth, Sophie / Weaver, Carolyn / Salehi, Abraham
EFORT2017-1226	<b>Cable Tension for Trochanteric Fixation: Ratio Of Overtightening</b>	Basarir, Kerem / Kucukkarapinar, Ibrahim / Karaca, Onur / Ercan, Niyazi / Tonuk, Ergin
EFORT2017-1519	<b>Comparison Of Dissociation Forces Between Highly Cross-Linked And Non-Cross-Linked Ultra High Molecular Weight Polyethylene Liners From A Flexible Press Fit Titanium Alloy Cup</b>	Peehal, Jeetender / Lee, Paul / Woodnutt, David
EFORT2017-1547	<b>Endothelial Progenitor Cell Adhesion, Growth And Characterisation On Trabecular Titanium And Trabecular Titanium Coated With Collagen Or Decellularised ECM</b>	Perticarini, Loris / Callogna, Laura / Gastaldi, Giulia / Benazzo, Francesco
<b>General Topics / Methodology</b>		
EFORT2017-2126	<b>Patient Enrollment Bias And Adverse Soft-Tissue Reactions In Metal-On-Metal Implants: Critical Appraisal Of The Current Evidence For Treatment Guidelines</b>	Reito, Aleksi / Lainiala, Olli / Eskelinen, Antti
<b>General Topics / Miscellaneous</b>		
EFORT2017-3110	<b>Are We Behind In Promoting Medical Student- And Foundation Trainees- Led Research Collaboratives In Orthopaedic Surgery: An Observation Study Of Research Activity And Publications</b>	Kabariti, Rakan
EFORT2017-755	<b>Platelet-Rich Plasma For Synovitis Treatment In Patients With Haemophilia (PWH)</b>	Caviglia, Horacio / Landro, Maria / Daffunchio, Carla / Douglas Price, Ana / Galatro, Gustavo / Salgado, Pablo / Neme, Daniela
<b>General Topics / Quality Management</b>		
EFORT2017-3073	<b>Service Configuration To Support Early Surgical Stabilisation Of Ankle Fractures</b>	Shenoy, Ravikiran / Frank, Barbara / Gadikoppula, Srinivas / Ravikumar, Ratukondla / Asopa, Vipin
EFORT2017-353	<b>"First Do No Harm": To What Extent Are We Failing Our Elderly Orthopaedic Patients?</b>	Bucknall, Vittoria / Philip, Victoria / Wright, Charlotte / Muhammad, Molik
<b>General Topics / Systemic Disorders</b>		
EFORT2017-2870	<b>Prevalence Of Hepatitis 'B' &amp; 'C' And Importance Of Coagulation Profile In Patients Presenting To Orthopaedic Ward Of A Tertiary Care Hospital</b>	Ahmed, Riaz / Khan, Junaid



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NR.	TITLE	AUTHORS
EFORT2017-93	Corham Stout Disease Of The Pelvis: A 7-Years Follow-Up	Tolis, Konstantinos / Triantafillopoulos, Ioannis
Orthopaedics / Elbow & Forearm		
EFORT2017-3153	Radial Head Resection And Hemi-Interposition Arthroplasty In Masada Type II Deformity In Patients With Multiple Osteochondromas; Evaluation Of A New Surgical Technique	Flipsen, Mark / Van Der Zwan, Arnard / Ham, John / Mader, Konrad
Orthopaedics / Foot & Ankle		
EFORT2017-2008	Pre- And Post-Operative Modified Antero-Posterior Radiographs Of The Forefoot Allow Better Analysis Of Sesamoid Position And Of Their Implication In Post-Operative Functional Improvement After Hallux Valgus Conservative Surgical Treatment	Mattei, Jean-Camille / Pangaud, Corentin / Fioravanti, Monique / Guy, Sylvain / Curvale, Georges / Rochwerger, Alexandre
EFORT2017-2673	The Clinical Evidence For Adipose-Derived Stem Cells Therapy On The Treatment Of Osteoarthritis: A Systematic Review	Hurley, Eoghan / Gianakos, Arianna / Yasui, Youichi / Seow, Dexter / Kennedy, John
EFORT2017-2753	Flat Foot And Hallux Valgus: When It Is Useful To Associate The Correction With Arthrorisis Sub-Talar Joint?	Manfredini, Giuseppe / Gagliardi, Michele / Corradini, Alessandro / Catani, Fabio
EFORT2017-2932	Arthroscopic Ankle Arthrodesis	Gougoulas, Nikolaos / Lampridis, Vasileios
Orthopaedics / Knee & Lower Leg		
EFORT2017-107	Compare Tight Rope Button With Cross Suture Bridge Fixation For PCL Avulsion Fracture – Clinical Result And Indication Evaluation	Cheng, Kuo-Chung
EFORT2017-1072	Total Knee Arthroplasty After High Tibial Osteotomy. A Comparison Study In Patients Who Had Bilateral Total Knee Arthroplasty	Irey, Salih / Karatosun, Vasfi / Unver, Bayram / Gunal, Izge
EFORT2017-1115	Does International Normalised Ratio, Pre-Operative Autologous Blood Donation And Auto-Transfusion System Affect Blood Transfusion Rate In Same-Day Bilateral Total Knee Arthroplasty?	Soranoglou, Vasileios / Poultsides, Lazaros / De Martino, Ivan / Triantafyllopoulos, Georgios / Nocon, Allina / Memsoudis, Stavros / Sculco, Thomas
EFORT2017-1126	Anterior Cruciate Ligament Reconstruction Using All-Inside Quadruple-Stranded Semitendinosus Graft With Adjustable Cortical Button Fixation In Both Femoral And Tibial Sides: A Comparative Prospective 1-Year Follow-Up Study	Roger, Julien / Bertani, Antoine / Vigouroux, Florence / Have, Laurence / Goldet, Ruben / Herry, Yannick / Rongieras, Frederic
EFORT2017-1204	Impact Of Surgeon Experience On The Accuracy Of TKA Resections During Computer-Assisted Surgery	Dai, Yifei / Angibaud, Laurent / Jung, Amaury / Hamad, Cyril / Bertrand, Fabrice / Lansdown, Jason
EFORT2017-1209	Patient Satisfaction After Total Knee Arthroplasty: Applying A Reported By The Patient Scale	Maio, Marta Daniela / Lopes, António / Mota, Pedro / Sapage, Rita / Branco, Carlos / Gomes, Magda / Cerca, Carlos
EFORT2017-1282	Patient Dissatisfaction Following Total Knee Arthroplasty: A Systematic Review	Gunaratne, Rajitha / Fick, Daniel / Khan, Riaz / Haebich, Samantha / Pratt, Dylan / Banda, Joseph / Robinson, Brett
EFORT2017-1299	Rotational Alignment Analysis Using Computer Image Program In The Distal Femur With A Severe Osteoarthritis	Kim, Sang-Rim / Park, Yong-Geun

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EFORT2017-15	Does Residual Varus Alignment Cause Increasing Varus Laxity After Total Knee Arthroplasty	Hatayama, Kazuhisa / Terauchi, Masnori / Saito, Kenichi / Katayama, Masayoshi / Higuchi, Hiroshi
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EFORT2017-1551	Complications After ACL Reconstruction: A Prospective Study Of 958 Cases With 2-Years Follow-Up	Makridis, Konstantinos / Rousseau, Romain / Zournou, Mantina / Djian, Patrick / Labruyere, Charlotte
EFORT2017-1564	Choosing Between Intramedullary Or Extramedullary Techniques – What's Your Pick?	Gonçalves, António Sérgio / Simoes, Ricardo / Monteiro, Sara / Amaral, Pedro / Soares, Renato / Carneiro, Fernando / Rebelo, António
EFORT2017-1624	Allograft Reconstruction For Extensor Mechanism Rupture In Total Knee Arthroplasty	Lamberti, Alfredo / Balato, Giovanni / Traverso, Francesco / Summa, Pierpaolo / Baldini, Andrea
EFORT2017-164	Tranexamic Acid In Total Knee Replacement Reduces Wound Complications And Transfusion Rates; An Observational Study	Sargeant, Harry / Rankin, Iain / Nunag, Perrico
EFORT2017-1657	Infrapatellar Fat Pad Excision During Total Knee Arthroplasty Did Not Alter The Patellar Tendon Length: A 5-Years Follow-Up Study	Imren, Yunus / Dedeoglu, Suleyman Semih / Çakar, Murat / Çabuk, Haluk / Bayraktar, Tahsin Olgun / Gurbuz, Hakan
EFORT2017-177	Fixed-Bearing Unicondylar Knee Replacements – As Good As The National Joint Registry Suggests?	Nicolai, Paul
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EFORT2017-1830	Functional Radiography As A Means Of Integrating Joint Correctability Into Total Knee Arthroplasty Pre-Planning	Theodore, Willy / Wong, Kevin / Bogue, Emily / Twiggs, Joshua / Dickison, David / Liu, David / Roe, Justin
EFORT2017-1888	Comparative Study Of The Tunnel Positioning And Graft Orientation In Failed Anterior Cruciate Ligament Reconstruction: Imaging Analysis	Silva, João Duarte / Nunes, Bernardo / Linhares, Daniela / Ferreira, Mariana / Raposo, Frederico / Amorim, Nélon / Sousa, António / Pinto, Rui
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EFORT2017-2133	The Femoral Component Rotation In Total Knee Arthroplasty: A New Method Of Using Trans-Epicondylar Axis	Shankar, Shivakumar
EFORT2017-2323	Enhanced Epiphyseal Fixation With Porous Augments In Revision Total Knee Arthroplasty	Baldini, Andrea / Balato, Giovanni / Lamberti, Alfredo / Franceschini, Vincenzo / Traverso, Francesco
EFORT2017-2495	New Method Of Minimally Invasive Meniscal Repair With Fibrin Glue (Tisseel) And ACS (Orthokin) Under MRI Control	Strümper, Rudolf / Rechmeier, Johann W.
EFORT2017-2631	Muscular Recovery And Activity Levels After Total Knee Arthroplasty: Conventional Vs. Kinematic-Retaining Knee Prostheses	Paszicsnyek, Thomas

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EFORT2017-2702	Two-Stage Revision Surgery Of Infected Knee Arthroplasty: Conventional Spacer Vs. Spacer With Superficial Vancomycin Coating	Glehr, Mathias / Amerstorfer, Florian / Schober, Martina / Kühn, Klaus-Dieter / Sadoghi, Patrick / Gruber, Gerald / Leithner, Andreas
EFORT2017-2709	Revision ACL Surgery With Autologous Hamstring: A Clinical And Radiological Evaluation. Long-Term Follow-Up	Redler, Andrea / Mazza, Daniele / Monaco, Edoardo / Calderaro, Cosma / Puglia, Francesco / Iorio, Raffaele / Conteduca, Fabio / Ferretti, Andrea
EFORT2017-2749	Different Uses Of Tritanium Knee Cones In Metaphyseal Tibial And Femoral Restoration	Marcucci, Fernando
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EFORT2017-2785	Does Anatomical Femoral Tunnel Drilling Improve Clinical Outcome In Anterior Cruciate Ligament Reconstruction? Anteromedial Portal Technique Vs. Transtibial Drilling Technique	Choi, Chong Hyuk / Jang, Ki Joon / Yoon, Gil Sung / Yoon, Tae Hwan / Kim, Jun Sik / Jeong, Yoo Chul
EFORT2017-2802	Patient-Specific Guides For Partial Knee Arthroplasty To Total Knee Arthroplasty Revision Surgery: A Prospective Shape-Matching Study	Schotanus, Martijn / Thijs, Elke / Boonen, Bert / Kerens, Bart / Jong, Bob / Kort, Nanne
EFORT2017-2940	Use Of Pulsed Radiofrequency Electromagnetic Field (PRFE) Therapy For Pain Management And Wound Healing In Total Knee And Reverse Shoulder Prosthesis: Randomised And Double-Blinded Study	Giannotti, Stefano / Bianchi, Nicola / Celli, Fabio / Lazzarini, Ilaria / Mordà, Matteo / Capanna, Rodolfo
EFORT2017-3074	Does The Type Of Approach In Total Knee Arthroplasty Influence TKA Component Rotation? A Clinical Study Using 3D-CT	Schiapparelli, Filippo-Franco / Amsler, Felix / Hirschmann, Michael Tobias
EFORT2017-329	The Comparison Of Osteochondritis Dissecans Between The Lateral And The Medial Femoral Condyles	Kim, Hee-June / Kyung, Hee-Soo / Lee, Jong-Chul / Shin, Ji-Yeon
EFORT2017-338	Compartment Syndrome After Total Knee Arthroplasty: Regarding A Clinical Case	Costa Pinheiro, Ana Alexandra / Marques, Pedro / Sá, Pedro / Oliveira, Carolina / Pombo, Bruno / Sousa, Cristina
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EFORT2017-520	Young Patients Have Excellent Clinical Outcome Scores And High Satisfaction Levels 10 Years After Unicompartmental Knee Arthroplasty	Lim, Joel Wei-An / Chen, Yong Qiang Jerry Delphi / Pang, Hee Nee / Tay, Darren / Chia, Shi-Lu / Lo, Ngai Nung / Yeo, Seng Jin
EFORT2017-625	Enhanced Recovery After Surgery (ERAS) Protocol In Total Knee Arthroplasty	Silvester, Tomaz / Kacijan, Blaz
EFORT2017-701	Optimal Dose Of Intrathecal Bupivacaine In Total Knee Arthroplasty	Van Egmond, Jeroen / Verburg, Hennie / Derks, Eveline / Langendijk, P.N.J. / Icli, Caner / Van Dasselaaar, Nick / Mathijssen, Nina
EFORT2017-801	Which Is The Secure Protocol To Reduce Blood Loss And Blood Transfusion After Unilateral Total Knee Arthroplasty? Intraarticular Tranexamic Acid Administration Vs. Three-Hours Drain Clamping	Kim, Myung Ku / Cho, Suk Hyun / Jeon, Yoon Sang / Park, Joo Hyun / Shin, Byung Ki / Kim, Nak Chul
EFORT2017-879	Validity Of The Dutch Modified PainDETECT Questionnaire For Patients With Hip Or Knee Osteoarthritis	Rienstra, Wietske / Blikman, Tim / Dijkstra, Baukje / Raay, Jos / Slager, Geranda / Bulstra, Sjoerd / Stevens, Martin / Van Den Akker-Scheek, Inge

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EFORT2017-2617	Infection Rate In Arthroplasty Procedures After Proximal Femur Fractures. Self Evaluation And Improving Mesures	Gabriele, Rocio / Crusi, Xavier / Gonzalez, Arantxa / Millán, Angélica
EFORT2017-3066	Streptococcus Mitis Causing Septic Arthritis Of A Native Synovial Joint – A Novel Scenario	Mahapatra, Piyush / Whittingham-Jones, Paul
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EFORT2017-1306	Pelvic Chondrosarcoma – Treatment And Management	Popescu, Roman / Cuculici, Stefan / Popescu, Mihai / Cristea, Stefan
EFORT2017-733	Silver-Coated Endoprosthetic Replacement Of The Proximal Humerus In Case Of Tumor – Is There An Increased Risk Of Periprosthetic Infection When Using A Trevira Tube?	Koob, Sebastian / Kehrer, Michael / Pennekamp, Peter / Strauss, Andreas / Wirtz, Dieter Christian / Schmolders, Jan
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### Orthopaedics / Paediatric Orthopaedics

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EFORT2017-1531	Medial Patellofemoral Ligament Reconstruction In Children Affected By Patellar Instability	Pavone, Vito / Testa, Gianluca / Lucenti, Ludovico / Condorelli, Giuseppe / Sessa, Giuseppe
EFORT2017-608	Correcting Paediatric Flatfoot With Associated Painful Accessory Navicular With Modified Kidner Procedure And Arthroereisis	Suhodolcan, Lovro

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EFORT2017-1016	How Do Medialisation And Elevation Of The Hip Centre Affect The Three-Dimensional Cup Coverage In Total Hip Arthroplasty? A Quantitative Simulation Analysis	Ueno, Takuro / Kabata, Tamon / Kajino, Yoshitomo / Taga, Tadashi / Hasegawa, Kazuhiro / Inoue, Daisuke / Yamamoto, Takashi / Takagi, Tomoharu / Ohmori, Takaaki / Yoshitani, Junya / Tsuchiya, Hiroyuki

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EFORT2017-1117	Novel Index To Prevent Sciatic Nerve Paralysis By Measuring Intraoperative Motor-Evoked Potentials In Total Hip Arthroplasty With Severe Acetabular Dysplasia	Takada, Kazutaka / Funayama, Atsushi / Kimura, Takeshi / Fujie, Atsushi / Tanikawa, Hidenori / Fukuda, Kentaro / Nomoto, So
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EFORT2017-1196	8-Years Results Of ASR Hip Resurfacing System At Complejo Asistencial Universitario Of León	Mostaza Antolin, Laura Maria / Mencia, Ricardo / Alonso, Gonzalo / Bezos, Angela
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EFORT2017-1445	Acetabular Revision With A Novel Cementless Cage-And-Modular-Augment System: Surgical Technique And First Clinical Results	Rössler, Philip / Wacker, Miriam / Wirtz, Dieter Christian
EFORT2017-1554	Reconstruction Of Iliac Crest With Bovine Cancellous Allograft After Bone Graft Harvest	Makridis, Konstantinos / Kanakaris, Nik / Zournou, Mantina / Giannoudis, Peter
EFORT2017-1601	Evaluation Of The Intraoperative Reproducibility Of Stem Anteversion Using Three-Dimensional Pre-Operative Planning Based On Computed Tomography In Direct Anterior Total Hip Arthroplasty	Nishihara, Shunsaku / Yabuta, Kentaro / Hayashida, Kenji
EFORT2017-1627	The Learning Curve Of A Tissue-Sparing Total Hip Replacement Surgical Technique: A Multi-Centre Assessment	Gofton, Wade / Le, Daniel / Sciortino, Robert / Cronin, Michael / Parker, Ashley / Fitch, David
EFORT2017-1645	Factors Affecting Progression Of Posterior Pelvic Tilt Angle	Matsubara, Masaaki / Kimura, Akimasa / Ogawa, Hiroyuki / Kase, Masanori
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EFORT2017-1792	Accuracy Of Evaluating The Cup Height By Use Of Intraoperative X-Ray In Primary Total Hip Arthroplasty	Kitamura, Kenji / Nakamura, Teturo / Shin, Satoshi / Hara, Toshihiko
EFORT2017-1850	Periacetabular Osteotomy: Lessons Learned After 13 Years Of Experience	De Meo, Federico / Cardenas Nylander, Carlomagno / Bellotti, Vittorio / Astarita, Emanuele / Moya Gomez, Esther / Ribas Fernandez, Manuel
EFORT2017-1878	Synovial C-Reactive Protein For Intraoperative Infection Diagnosis At Hip Reimplantation	Nally, Francisco / Buttaro, Martin / Molina Romoli, Agustin / Comba, Fernando / Zanotti, Gerardo / Piccaluga, Francisco
EFORT2017-1886	Femoral Revision With An Uncemented Modular Taper Stem	Kinov, Plamen / Antonov, Boris / Tanchev, Panayot / Tsvetanov, Lubomir / Georgiev, Georgi
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EFORT2017-2044	Treatment Of AVN With The Chamber Induction Technique (C.I.T.) And Biotechnologies: Indications And Clinical Results	Calori, Giorgio Maria / Colombo, Massimiliano / Colombo, Alessandra / Mazzola, Simone / Romanò, Fabio / Mazza, Emilio Luigi



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EFORT2017-2102	Dual Mobility Cups For Recurrent THA Dislocation	Taheriazam, Afshin / Amiri, Mohammad Ali / Safdari, Farshad
EFORT2017-2279	Early Results And Learning Curve Data For Total Hip Replacement Using A Novel, Supracapsular, Tissue Sparing Approach, "SuperPATH"	Howles, Sophie / Cronin, Michael / Sarantos, Kostas / Foguet, Pedro
EFORT2017-2303	Apophyseal Avulsion Of The Antero-Inferior Iliac Spine In A Young Soccer Player - Case Report	Vieira Da Silva, Miguel / Pereira, Joana / Afonso, João / Silva, Marcos / Lopes, Daniel / Mendes, Jorge
EFORT2017-2427	The English Experience Of Litigation And Malpractice In Hip Surgery: An Analysis Of Successful Claims Over A 10-Years Period (2003-2013)	Wilson, Scott / Unsworth, Richard / Ajwani, Sanil / Sochart, David
EFORT2017-2531	Total Hip Arthroplasty (THA) In Young People And Sport: Our Experience	Di Stefano, Antonio / Cosentino, Pierluigi / Lizzio, Claudio / Costarella, Luciano / Pavone, Vito / Sessa, Giuseppe
EFORT2017-2539	Validity Of THR Planning For Proxy® Short Stem With Hectec 3D Vs. 2D Software	Maurer-Ertl, Werner / Maier, Michael / Friesenbichler, Jörg / Bratschitsch, Gerhard / Holzer, Lukas / Sinz, Günter / Leithner, Andreas
EFORT2017-2578	With Or Without Drainage? Results Of Randomisation Study Of Suction Drainage After Hip Arthroplasty	Bartosz, Pawel / Bialecki, Jerzy / Marczynski, Wojciech / Obrebski, Marcin / Macias, Julia / Kogut, Maciej / Kolbuszewski, Andrzej / Para, Marcin
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EFORT2017-2914	Trunion Fracture In Total Hip Arthroplasty	Shafqat, Aseer / O'Sullivan, Michael / McCabe, John / Murphy, Colin
EFORT2017-2924	The Learning Curve And Complications In Direct Anterior Total Hip Arthroplasty: The Results Of First 100 Hips Of A Single Surgeon	Yildiz, Fatih / Batar, Suat / Uzer, Gokcer / Tuncay, Ibrahim
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EFORT2017-458	Long-Term Results Of A Cementless Total Hip Arthroplasty Using Bilayer Coating And Ceramic Bearings	Ferreira, André / Aslanian, Thierry / Dalin, Thibaud / Picaud, Jean
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EFORT2017-48	Can 3D Intraoperative Support Device Reduce The Implant Impingement After Total Hip Arthroplasty ?	Ito, Tomoyuki / Shimada, Hayato / Horigome, Yoji / Kitahara, Hiroshi / Shiozaki, Hiroyuki / Minato, Izumi / Endo, Naoto / Wakui, Junichi
EFORT2017-557	Sacro-Femoral-Pubic Angle And Acetabular Cup Anteversion In Total Hip Arthroplasty	Saporito, Michele / Lo Re, Dario / Boniforti, Filippo
EFORT2017-584	Is Acetabular Labrum Size And Tear Pattern Associated With Femoral Retrotorsion Or Increased Femoral Torsion In Patients With FAI?	Todorski, Inga / Lerch, Till / Schmaranzer, Florian / Siebenrock, Klaus A. / Steppacher, Simon / Tannast, Moritz
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EFORT2017-821	The Incidence Of A Stem Sitting Proud Of Proximally Coated Cementless Tapered Wedge Stem	Kim, Chul-Ho / Park, Jae In / Kim, Ho Yeon / Aditya, Kekatpure / Jeong, Mi Yeon / Chang, Jae Suk / Yoon, Pil Whan
EFORT2017-827	Culture-Expanded Autologous Adipose Tissue-Derived Mesenchymal Stem-Cell Treatment For Osteonecrosis Of The Femoral Head	Yoon, Pil Whan / Lee, Soong Joon / Yoo, Jeong Joon / Kim, Hee Joong / Yoon, Kang Sup
EFORT2017-863	Metal-On-Metal Hip Resurfacing With Diameter $\leq 48$ Mm In Females At A Minimum Follow-Up Of 5 Years	Moroni, Antonio / Miscione, Maria Teresa / Orsini, Riccardo / Micera, Giovanni / Mosca, Salvatore / Sinapi, Fabrizio / Aciri, Francesco

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EFORT2017-114	Supraspinatus Tendinopathy On Magnetic Resonance Imaging Poorly Correlates To Structural Integrity	Kappe, Thomas / Sgroi, Mirco / Reichel, Heiko
EFORT2017-1406	What Is A Bristow-Latarjet Procedure? A Review Of The Described Operative Techniques And Outcomes	Cowling, Paul / Akhtar, Adeel / Liow, Raymond
EFORT2017-1752	Clinical Outcomes And Return To Work After Arthroscopic Single Vs. Double Row Repair In Full Thickness Rotator Cuff Tears	Ferreira, Mariana / Torres, João / Nunes, Bernardo / Silva, João Duarte / Pinto, Rui / Gutierrez, Manuel
EFORT2017-1957	A Rare Case Of Sudden Onset Painless Brachial Plexopathy	Reissis, Nikos / Reissis, Dimitris / El-Tayeb, Magit
EFORT2017-259	Hodgkin Lymphoma Presenting As Severe Shoulder Pain Following Small Quantities Of Alcohol Ingestion. A Case Report	Feldman, Viktor / Nyska, Meir / Barchilon, Vidal
EFORT2017-2915	Relationship Between Clinical Findings Of The Shoulder Joint And Imaging Investigations	Razmjou, Helen / Kennedy, Deborah / Robarts, Susan / Palinkas, Veronica
EFORT2017-2933	The "Pull-Over" Technique For Arthroscopic Rotator Cuff Repair With Augmentation	Consigliere, Paolo / Imam, Mohamed / Poly, Ioannis / Sarkhel, Tanaya / Gupta, Rohit R / Levy, Ofer / Narvani, Ali A
EFORT2017-3098	Adhesive Capsulitis In Workers With Shoulder Injury: Prevalence, Characteristics And Risk Factors	Boljanovic, Dragana / Savona, Alicia / Razmjou, Helen
EFORT2017-785	Prosthetic Glenoid Fixation: Lateralisation Of The Centre Of Rotation Of A Fixed-Fulcrum Total Shoulder Replacement Is Not Associated With Suboptimal Glenoid Bone Formation During A Functionally-Relevant Loading Protocol	Lambert, Simon / Chin, Kuen / Taylor, Stephen / Blunn, Gordon
EFORT2017-859	Predicting Rotator Cuff Tears From Plain Radiographs Of The Shoulder: A New Classification Of Greater Tuberosity Changes	Iossifidis, Anestis / Ibrahim, Edward / Boughton, Oliver / Dami, Ioanna / Kallivokas, Alkis / Petrou, Harris

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EFORT2017-3037	Posterior-Only Approach With Pedicle Screws For The Correction Of Scheuermann's Kyphosis	Cobden, Adem / Albayrak, Akif / Camurcu, Yalkin / Sofu, Hakan / Tacal, Temel / Kaygusuz, Mehmet Akif
EFORT2017-521	Is Fixation With An S2 Alar Screw Sufficient In Corrective Surgery For Adult Spinal Deformity?	Nakazawa, Toshiyuki / Inoue, Gen / Imura, Takayuki / Miyagi, Masayuki / Saito, Wataru / Shirasawa, Eiki / Takaso, Masashi
EFORT2017-602	Iliac Crest Autogenous Bone Grafting Vs. Interbody Bone Cage In Anterior Cervical Fusion	Sala Pujals, Aleix / Ramirez Valencia, Manolo / Lopez Alcover, Alejandro / Solano Lopez, Albert / Molina Ros, Antonio / Saló, Guillem
EFORT2017-760	Low Back Pain Originating From The Sacroiliac Joint: 1-Year Results From A Randomised Controlled Trial Of Conservative Management Vs. Minimally Invasive Surgical Management	Pflugmacher, Robert / Dengler, Julius / Kools, Djaya / Gasbarrini, Alessandro / Prestamburgo, Domenico / Sturesson, Bengt
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EFORT2017-2142	Finger Flexor Tendon Rupture Caused By Dislocation Of Metacarpophalangeal Silicone Prosthesis In A Patient With Rheumatoid Arthritis: A Rare Complication	Ferreira, Mariana / Silva, João Duarte / Pinto, Isabel / Almeida, Maria João / Pereira, Pedro / Negrão, Pedro / Pinto, Rui
EFORT2017-2552	Limited Arthrodesis Of The Carpus For The Treatment Of Kienböck Disease. Review Of 10 Cases	Guidara, Ahmed Racem / Ellouz, Zoubaier / Naceur, Abdessalem / Bouaziz, Wajdi / Mezghanni, Hedi / Zribi, Wassim / Trigui, Moez / Keskes, Hassib
EFORT2017-2712	Novel Surgical Correction For Swan Neck Deformity In Hypermobility Syndrome	Vishwanathan, Karthik / Ganjiwale, Deepak
EFORT2017-2734	Wide-Awake Primary Flexor Tendon Repair In Zone II	Kanellos, Panagiotis / Megaloikonomos, Panayiotis D. / Galanopoulos, Ioannis / Mantakos, Dimitrios / Kourtzis, Dimitrios / Georgarakou, Kyriaki / Spyridonos, Sarantis

### Trauma / Foot & Ankle Trauma

EFORT2017-1309	The Management Of Ankle Fractures In Octogenarian And Nonagenarians. What Is The Optimum Mode Of Treatment?	Holton, James / Nandra, Rajpal / Thurston, Dan / Fenton, Paul / Ali, Seyed
EFORT2017-1612	An Incalcitrant Symptomatic Paediatric Closed Tibial Medial Malleolus Fracture	Chan, Yu-Sing / Weerasuriya, Thisara
EFORT2017-2295	Use Of Propeller Flap And Masquelet's Technique For Tibial Plafond Fracture Non-Union	Cuadrado Abajo, Francisco / Menéndez Solana, Guillermo / García Barcenilla, Rebeca / Alonso Viana, Laura / Laguna Bercero, Esther / Ayala Gutiérrez, Higinio / Pérez Núñez, María Isabel / Hernandez Elena, Jesus
EFORT2017-2353	Initial Diagnosis Of Alcaptonuria At Age 61 With Traumatic Tendo Achilleus Rupture	Baca, Emre / Kural, Alev / Ziroglu, Nezih / Kural, Cemal
EFORT2017-2756	Arthrodesis In Severely Comminuted Intraarticular Calcaneal Fractures	Pinheiro, Vitor Hugo / Pinto, André / Boavida, João / Pia, Maria / Inês, Ana / Gaspar, Rita

## Poster Session – 31 May 2017

NR.	TITLE	AUTHORS
<b>Trauma / Hand &amp; Wrist Trauma</b>		
EFORT2017-2152	Evaluating The Effectiveness Of Biers Block For Manipulation Of Distal Radius Fractures In The Emergency Department	Parwaiz, Hammad / Pickering, Greg / Barton, Tristan
EFORT2017-2290	Isolated Wrist Drop From Brachial Plexus Root Level Injury Following A Fall – A Very Rare Presentation	Raghupathi, Anantha Krishnan
EFORT2017-3000	Delayed Conservative Treatment For Missed Scaphoid Fractures. Does It Worth?	Raptis, Konstantinos / Megaloikonomos, Panayiotis D. / Kanellos, Panagiotis / Antonopoulos, Dimitrios / Fandridis, Emmanouil / Spyridonos, Sarantis
EFORT2017-546	Treatment Outcomes Of Marginal Distal Radius Fractures Using Dupuy Synthes Volar Rim Plate – Including Of Ultrasonography For Flexor Pollicis Longus	Fujiwara, Tatsuji / Matsumoto, Shinichi
<b>Trauma / Hip &amp; Femur Trauma</b>		
EFORT2017-1213	A New Locking Plate Concept For The Fixation Of Periprosthetic Fractures Of The Femur	Märdian, Sven / Paulin, Thomas / Reuter, Andreas / Kösters, Clemens
EFORT2017-2204	Use Of Reconstruction Nail In The Treatment Of Ipsilateral Femoral Neck And Shaft Fractures	Ali, Kamran / Peracha, Asif / Ghazi, Arsalan / Ghilzai, Asad Khan / Najjad, Kazim Rahim
EFORT2017-2250	The Evaluation Of Results Of Periprosthetic Fracture Treatment In Patients With Hip Osteoarthritis Caused By Residual Dysplasia Of The Hip Joint With Dislocation Of Type III And IV According To The Crowe's Classification	Sionek, Andrzej Jerzy / Czwojdzinski, Adam / Czubak, Jaroslaw
EFORT2017-2592	Management Of AO/OTA 31-A Fractures With A Dual Lag Screw Intramedullary Device. Outcomes And Complications	Igoumenou, Vasilios G. / Megaloikonomos, Panayiotis D. / Antoniadou, Thekla / Dimopoulos, Leonidas / Liontos, Markos / Galanopoulos, Ioannis / Vottis, Christos / Panagopoulos, Georgios N. / Mavrogenis, Andreas
EFORT2017-3129	Uncemented Austin-Moore Vs. Cemented Thompson Unipolar Hemiarthroplasty For Displaced Fracture Neck Of Femur	Taha, Mohamed / El-Morsy, El-Sayed M. A. / Hammad, Akram A.H. / Yousry Saber, Ahmed / Elsayed, Hassan
EFORT2017-423	Total Hip Arthroplasty After Acetabular Fractures Surgically Treated	Luengo Alonso, Gonzalo / Toro Ibarguen, Ainhoa Nekane / Aroca Peinado, Miguel / Leon Baltasar, Jose Luis / Caba-Doussoux, Pedro
EFORT2017-443	How Far Can Standard Locking System Be Allowed For Safe Use In Proximal Bone Segments When Performing Fixation Using The Second Generation Reconstruction Nail In Subtrochanteric Fractures? A Biomechanical Study	Yoon, Yong-Cheol / Cho, Won-Tae / Oh, Jong-Keon
EFORT2017-751	Clinical Results Of Osteosynthesis For Femoral Neck Fracture With Hansson PinLoc System	Joyo, Yuji / Shibata, Yasuhiro
EFORT2017-910	Low Incidence Of Neurovascular Complications Following The Placement Of Proximal Tibial Traction Pins	Sobol, Garret / Gibson, Peter / Patel, Param / Koury, Kenneth / Reilly, Mark / Sirkin, Michael / Adams, Mark
<b>Trauma / Paediatric Trauma</b>		
EFORT2017-1478	Open Childhood Supracondylar Fractures: Our Experience	De Prado Tovar, Marta / De La Red Gallego, María De Los Angeles / Rubio Lorenzo, Mónica / García Barcenilla, Rebeca / Giraldo Vegas, Luis Alejandro / García Alfaro, María Dolores / Pérez Núñez, María Isabel / Arbona Jiménez, Carmelo
EFORT2017-1666	Triplane Ankle Fracture With Concomitant Ipsilateral Shaft Of Tibia Fracture: Unusual Combination Of Usual Injury In Adolescent Age Group	Kasture, Sarang / Azurza, Koldo

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NR.	TITLE	AUTHORS
EFORT2017-1691	Role Of Elastic Intramedullary Nail For The Treatment Of Femur Shaft Fractures In Children	Ghazi, Arsalan / Peracha, Asif / Ali, Kamran / Younus, Sajjid / Rahim, Kazim
<b>Trauma / Pelvic Trauma</b>		
EFORT2017-2324	Correlation Between Fracture Pattern And Blood Loss In Insufficiency Pelvic Fractures In The Elderly	Escámez Fernández, Fernando / Carbonell, Rafael / Fernandez-Fernandez, Ricardo / Vaquero Picado, Alfonso / Núñez De Armas, Joaquín / Gil Garay, Enrique
EFORT2017-2807	Pelvis And Acetabulum Fracture Fixation – Case Series	Chaudhary, Pashupati / Khanal, Guru Prasad
<b>Trauma / Polytrauma</b>		
EFORT2017-3041	Sports Injuries In A Population Of Young Judo Athletes Of High Competitive Level	Fernandes Carvalho, Marcos / Pinto, André / Pinheiro, Vitor Hugo / Nascimento, Miguel / Santos, Sandra / Fontoura, Ugo / Pedro Oliveira, João / Fonseca, Fernando
EFORT2017-876	Two Odd Presentations Of Metallic Foreign Body Migrations: Kirschner Wire From Knee To Leg And Shotgun Pellets From Hip To Heart	Utkan, Ali / Özkurt, Bülent / Gencer, Batuhan / Köse, Cem Cüneyt / Igdir, Volkan
<b>Trauma / Shoulder &amp; Upper Arm Trauma</b>		
EFORT2017-1583	Pseudo-Aneurysm And Brachial Plexus Injury Complicating Shoulder Dislocation In A Young Patient: A Case Report	Sivaramalingam, Saravanan / Girgis, Sameh / Hartley, Richard / Aarvold, Alexander
EFORT2017-872	Simultaneous Bilateral Traumatic Anterior Dislocation Of Shoulder – A Case Report Of A Rare Entity	Utkan, Ali / Özkurt, Bülent / Gencer, Batuhan / Hidiroglu, Mert / Igdir, Volkan
<b>Trauma / Spine Trauma</b>		
EFORT2017-2215	Determinants Of Clinical Outcomes In Compression Vertebral Fractures Treated With Percutaneous Cement Augmentation Techniques: Our Experience In The Last 9 Years	Vacas Sánchez, Elena / Ferrero, Jorge / Gallardo, Jose / Luengo, Gonzalo / Bustamante, Daniel / Ortega, Francisco Javier
EFORT2017-2358	Surgical Management Of U-Shaped Sacral Fractures	Nefiss, Mouadh / Elloumi, Ahmed / Tebourbi, Anis / Ben Maatoug, Aymen / Ezzouia, Khelil / Bouzidi, Ramzi
EFORT2017-3059	Kummel-Verneuil Disease: An Uncommon Pathology	Pombo, Bruno / Ferreira, Filomena / Areias, Margarida / Pinheiro, Ana / Oliveira, Carolina / Gonçalves, Paulo
EFORT2017-761	Vertect Jack Device – A New Method For Augmentation Of Vertebral Fractures. Clinical Study With Comparisons To Kyphoplasty	Pflugmacher, Robert / Bornemann, Rahel / Plöger, Milena / Rössler, Philip / Rommelspacher, Yorck / Wirtz, Dieter Christian
<b>Trauma / Varia Trauma</b>		
EFORT2017-1524	Lower Limb Amputations For Trauma: Major Trauma Centre 5-Years Experience	Popescu, Maria / Westwood, Mark
EFORT2017-2431	Treatment Of Fractures In Camurati-Engelmann Disease	Pinheiro, Vitor Hugo / Santos, Sandra / Carvalho, Marcos / Boavida, João / Pinto, André / Pia, Maria / Pais Lopes, António / Inês, Ana
EFORT2017-2462	Use Of The Reamer Irrigator Aspirator (RIA) In Bone Defects Treatment: Surgical Experience And Clinical Outcome	Burgio, Valeria / Salvo, Giovanni Carlo / Bonfiglio, Salvatore / Milazzo, Salvatore / Evola, Roberto / Longo, Gianfranco / Rosa, Michele Attilio
EFORT2017-831	A Comparative Study Of Cell Salvage Efficacy In Pelvic And Acetabular Fracture Surgery	Jawed, Abdulla / Gomaa, Abdul Rahman / El-Bakoury, Ahmed / Williams, Mark

## Poster Walks – 1 June 2017

NR.	TITLE	AUTHORS
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### Trauma / Elbow & Forearm Trauma

Poster Walk 16: 13.15 – 14.45 / Moderator: Candrian, Christian (Switzerland)

EFORT2017-2289	The Role Of Sex Steroids And Bone Turnover Markers In Low Trauma Distal Forearm Fracture In Men	Hanusch, Birgit C. / Tuck, Stephen / Datta, Harish / Francis, Roger / Fraser, William
EFORT2017-2318	Casting Light On Quality: The Plaster Cast Index	Awad, Mina / Chaudhry, Samena / Mathur, Keshav
EFORT2017-2384	3-Days Newborn Humerus Supracondylar Fracture Treatment: A Case Report	Kıraç, Yunus / Senaran, Hakan
EFORT2017-272	Endobutton Vs. Anchors Suture Repair Of Distal Biceps Rupture Using An Anterior Approach: A Comparison Serie Of 41 Cases	Carrier, Yacine
EFORT2017-2730	Terrible Triad Injury Of The Elbow: Clinical Outcome Of 29 Patients	Megaloikonomos, Panayiotis D. / Kanellos, Panagiotis / Mantakos, Dimitrios / Vottis, Christos / Mantzanas, Panayiotis / Fandridis, Emmanouil / Giannoulis, Filippos / Spyridonos, Sarantis
EFORT2017-2855	Functional Outcome Of Operatively Stabilised Radial Head Fractures – A Case Series	Krishnamoorthy, Sridhar / Dhanarajan, Gokulraj
EFORT2017-2972	Distal Biceps Brachii Tendon Repair With A Mini-Anterior Approach. Clinical Outcome Of 52 Patients	Raptis, Konstantinos / Kanellos, Panagiotis / Megaloikonomos, Panayiotis D. / Spyridonos, Sarantis
EFORT2017-3026	Avoiding Radial Nerve Palsy In Proximal Radius Shaft Plating	Schwarz, Angelika / Hohenberger, Gloria / Weiglein, Andreas / Kuchling, Sabine / Grechenig, Wolfgang
EFORT2017-808	Complications After Open Reduction Internal Fixation Of Olecranon Fractures	Miyashita, Masahiro / Yasuda, Masataka / Onishi, Ryu
EFORT2017-818	Management Of Comminuted Radial Head Fractures Without Associated Instability	Lopez, Yaiza / Garcia-Coiradas, Javier / Rizo, Belen / Garcia-Fernández, Carlos / Marco, Fernando

### Trauma / Hand & Wrist Trauma

Poster Walk 17: 13.15 – 14.45 / Moderator: Bellemere, Philippe (France)

EFORT2017-1694	Effect Of Sarcopenia On The Functional Outcome After Surgery For Distal Radius Fractures	Roh, Young Hak / Koh, Young Do / Kim, Jong Oh
EFORT2017-1799	Screw Fixation Of Simulated Scaphoid Waist Fractures: A Biomechanical Comparison Of Two Screw Lengths	Ouwendijk, Maarten / Slingerland, Niek / Van Nistelrooij, Job / Huysmans, Toon / Van De Castele, Elke / Van Glabbeek, Francis / Meermans, Geert / Verstreken, Frederik
EFORT2017-1887	Should We Bury K-Wires After Metacarpal And Phalangeal Fracture Osteosynthesis?	Terndrup, Mads / Jensen, Thomas / Kring, Søren / Lindberg-Larsen, Martin
EFORT2017-1895	Hand Swelling Due To Missed Coronal Fracture Of The Body Of The Hamate And Hamate-Triquetral Dislocation	Athar, M. Sajjad / Ashwood, Neil / Kitsis, Christos
EFORT2017-206	Audit Of The Use Of CT And MRI In Suspected Scaphoid Fractures	Critchley, Rebecca / Picken, Stephen / Ingoe, Helen / Murty, Narasimha Murty Aradhyula
EFORT2017-2457	Radiocarpal Dislocation During An Osteosynthesis Recovery Of A Distal Radius Fracture	Pinheiro, Vítor Hugo / Moura, Diogo / Santos, Sandra / Carvalho, Marcos / Pinto, André / Boavida, João / Inês, Ana

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EFORT2017-257	Results Of Conservative Treatment Of Proximal Interphalangeal Joint Volar Plate Sprains With Vs. Without Avulsion Fracture	Adi, Mohamed Muath / Liverneaux, Philippe
EFORT2017-314	Results Of Phrenic Nerve Neurotisation Technique In Adult Traumatic Brachial Plexus Injuries	Omar, Usama Farghaly / El-Gammal, Tarek / El-Sayed, Amr / Kotb, Mohamed / Saleh, Waleed / Ragheb, Yasser / Refai, Omar
EFORT2017-401	Pronator Quadratus Pedicled Bone Graft For The Treatment Of Non-Union Of The Scaphoid	Serban, Alexandru / Obada, Bogdan / Coltofeanu, Andrei / Zekra, Manar / Alecu, Crina
EFORT2017-713	Volar Plate Fixation In The Treatment Of Distal Radius Fractures	Torres Sousa, Filipe / Botelho, Alvaro / Lopes Correia, Bruno / Medeiros, Filipe
<b>Trauma / Hip Et Femur Trauma</b>		
Poster Walk 18: 13.15 - 14.45 / Moderator: Aust, Andreas (Germany)		
EFORT2017-1297	A Modified Candy-Package Wiring Technique For Lesser Trochanter Fragment In Proximal IM Nailing Of Unstable Intertrochanteric Fractures	Kim, Sang-Rim / Park, Yong-Geun
EFORT2017-1526	Retrograde IMN Vs. Locked Compression Plating In Fixation Of Distal Femur Fractures, Comparative Study	Abdelaal, Mohammad / Elgammal, Ahmed / El Yafawi, Bilal
EFORT2017-270	The Incidence Of Life-Threatening Iatrogenic Vessel Injury Following Closed Reduction And Internal Fixation Of Intertrochanteric Femoral Fractures	Segal, David / Marom, Niv / Yaacobi, Eyal / Bar Tal, Gabriel / Feldman, Victor / Palmanovich, Ezequiel / Brin, Yaron
EFORT2017-2997	Prodromal Warning Signs On Long-Term Ibandronate Therapy For Low Energy Femur Fracture	Kyriakopoulos, Christos / Alexiadis, George / Kanata, Stefania / Skevofilax, Ioannis
EFORT2017-331	Rare Case Of Proximal Femoral Epiphysiolysis With Dislocation Of The Femoral Head And Acetabulum Fracture In A Child	Palencia, Jesus / Leon, Alejandro / Alfayez, Saud / Lomo, José María
EFORT2017-510	Treatment Of Femoral Neck Fractures In Middle-Aged Patients: Is Internal Fixation Adequate?	Wang, Cheng Tzu / Chang, Chih-Hung / Lan, Tsung-Yu
EFORT2017-613	Smart-Draping: A Validated Novice Technique To Prevent Drapes Peeling Off During Hip Fracture Fixation Surgery. A Prospective Randomised Controlled Study	Grzeszczak, Susanna / Al Hussainy, Haydar
EFORT2017-662	A Treatment Strategy To Avoid Iatrogenic Pipkin Type III Femoral Head Fracture Dislocations	Kim, Joon-Woo / Oh, Chang-Wug / Park, Kyeong-Hyeon / Kyung, Hee-Soo / Heo, Jeong
EFORT2017-670	Treatment Of Intraisthmal Femoral Fracture With Intramedullary Nail: Is Retrograde Nailing Better Option Than Antegrade Nailing?	Kim, Joon-Woo / Oh, Chang-Wug / Park, Kyeong-Hyeon / Seo, Il / Heo, Jeong
EFORT2017-919	Trends And Variations In The Quality Of Hip Fracture Care In Ontario Hospitals From 2011 To 2015: Examining Results From A Provincial Hospital Scorecard	Waddell, James / Petgrave, Josian / Willson, Vanessa / Hellsten, Erik
<b>Trauma / Foot Et Ankle Trauma</b>		
Poster Walk 19: 13.15 - 14.45 / Moderator: Bhatia, Maneesh (United Kingdom)		
EFORT2017-209	The Use Of 3D Printing In Pre-Surgical Planning Of Tibia Plafond Fractures	Foo, Gen Lin / Kwek, Ernest / Ho, Sean Wei Loong

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EFORT2017-247	Masquelet Technique For Membrane Induction Performed In Acute Fractures With Diaphyseal Bone Defect. Review Of Literature And Cases Report	Luengo Alonso, Gonzalo / Zorrilla Sanchez De Neyra, Jaime / Leon Baltasar, Jose Luis / Rodriguez Vega, Victor / Auñon Martin, Ismael / Capel Agundez, Aranzazu
EFORT2017-255	An Audit Of Satisfactory Post-Operative Reduction After Open Reduction Internal Fixation Of The Ankle	Shelton, James / Whittam, David / Doorgakant, David Ashtin / Argyropoulos, Miltiadis / Dorman, Sara / Wood, Edward
EFORT2017-2556	Stentoplasty Of Calcaneal Fractures: Surgical Technique And Early Outcomes	Toro, Giuseppe / Calabrò, Giampiero / De Falco, Maddalena / Nappi, Francesco / Toro, Gabriella / Gison, Michele / Toro, Antonio / Iolascon, Giovanni
EFORT2017-3005	The Importance Of Böhler Angle In Calcaneus Geometry: A Finite Element Model Study	Gultekin, Alper / Ugur, Levent / Serarslan, Ulas / Yildiz, Aytaç
EFORT2017-318	Incidence Of Venous Thromboembolism (VTE) In Achilles' Tendon Rupture – How Effective Is Our Use Of VTE Prophylaxis?	Lawrence, Owen / Ebreo, Darren / Carpenter, Claire
EFORT2017-477	Reconstruction Of Severe Achilles Tendon Ruptures With Allograft	Bayona Luna, David / Gargallo Verge, Enrique / Bonet Asensio, Valentin / Castro Pimentel, Rafael
EFORT2017-653	Comparison Of Locking Vs. Non-Locking Plates For Distal Fibula Ankle Fractures	Lyle, Shirley / Malik, Catherine / Oddy, Michael J
EFORT2017-926	Retrospective Analysis Of Ankle Fracture Manipulations In The Emergency Department In An Associated Teaching Hospital	Mastan, Saleem / Morris, Dominic / Dalal, Rakesh / Pearce, Adrian / Lea, Matthew
EFORT2017-949	Early Vs. Delayed Ankle Fracture Fixation And Its Effect On Length Of Stay	Mastan, Saleem / Lea, Matthew / Anand, Sanjay
Orthopaedics / Spine		
Poster Walk 20: 13.15 – 14.45 / Moderator: Berk, Haluk (Turkey)		
EFORT2017-1260	Surgical Result Of Radical Decompression Of L5 Nerve Root For Foraminal Stenosis At L5-S1	Takahashi, Kohei / Tanaka, Yasuhisa / Yadav, Ajay / Tsubakino, Takumi / Hoshikawa, Takeshi / Suzuki, Manabu / Takada, Tetsushi / Hashimoto, Ko / Nakagawa, Tomowaki / Matsuda, Michiharu
EFORT2017-1362	Diabetes Does Not Influence Anterior Cervical Discectomy And Fusion Outcomes For Cervical Myelopathy At 2 Years	Lee, Merrill / Liow, Lincoln / Goh, Graham / Yeo, William / Guo, Chang Ming / Chen, John / Yue, Wai Mun / Tan, Seang Beng / Ling, Zhixing Marcus
EFORT2017-142	Unilateral Spinous Process Non-Covering Hook Type Patient-Specific Drill Template For Thoracic Pedicle Screw Fixation: A Pilot Clinical Trial And Template Classification	Won, Yougun / Oh, Byung Hak / Kim, Sang Bum Kim / Lee, Gi-Soo / Rhee, John M. / Yang, Kyu-Hyun
EFORT2017-2080	Factors Leading To Delay In The Discharge Of Patients Admitted With Back Pain	Loganathan, Deeraj / Shaath, Mohammed / Sochart, David
EFORT2017-2527	The Role Of Interdisciplinary Clinical Decision Meetings In Spinal Surgery: Experience From A Tertiary Referral Centre	Hall, Andrew / Bodkin, Peter
EFORT2017-484	Blood Conservation Techniques For Spinal Deformity Surgery In Elderly Patients With The Vigileo-FloTrac System	Sudo, Azusa / Ohori, Yasuo / Terayama, Sei / Uezono, Haruhito

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EFORT2017-488	Lumbosacral Transitional Vertebrae Misleads Into A Recognition Of The Wrong Number Of Lumbar Vertebra	Nakagawa, Tomowaki / Tanaka, Yasuhisa / Sato, Tetsuro / Hashimoto, Ko
EFORT2017-594	Is Telemetric X-Ray In Standing Position A Useful Method For Assessing Sagittal Imbalance Of The Spine During Ambulation?	Gonzalez Miguez, Paula / Idelsohn Zielonka, Sebastian / Koch, Martin / Del Arco Churruca, Alejandro / Saló, Guillem
EFORT2017-694	Excretion Of An Anterior Odontoid Screw Through The Gastrointestinal Tract	Leitner, Lukas / Bratschitsch, Gerhard / Friesenbichler, Jörg / Sadoghi, Patrick / Leithner, Andreas / Radl, Roman
EFORT2017-983	Pre-Operative Echocardiographic Evaluation In Children With Neuromuscular Scoliosis	Kuroda, Akiyoshi / Saito, Wataru / Miyagi, Masayuki / Inoue, Gen / Imura, Takayuki / Nakazawa, Toshiyuki / Shirasawa, Eiki / Takaso, Masashi

### Orthopaedics / Shoulder & Upper Arm

Poster Walk 21: 13.15 – 14.45 / Moderator: Mihelic, Radovan (Croatia)

EFORT2017-1359	Arthroscopic Bony Bankart Repair: A New Technique To Achieve Compression Across Fracture Site	Mahajan, Ravindra / El Ashry, Saad
EFORT2017-1483	Improving Distal Fixation With Total Shoulder Arthroplasty In Cases Of Severe Humeral Bone Loss	Jacobson, Amanda / Stroud, Nick / Roche, Chris / Scarborough, Mark / Gibbs, Parker / Ruggieri, Pietro
EFORT2017-1498	Pre-Operative And Post-Operative Sleep Quality Evaluation In Rotator Cuff Tear Patients	Serbest, Sancar / Tiftikçi, Ugur
EFORT2017-1575	Arthroscopic Rotator Cuff Repair In A Geriatric Population: Is It Worthwhile?	Witney-Lagen, Caroline / Mazis, Georgios / Bruguera, Juan / Atoun, Ehud / Sforza, Giuseppe / Levy, Ofer
EFORT2017-1679	Low Inter-Observer Agreement Among Experienced Shoulder Surgeons Assessing Overstuffing Of Resurfacing Glenohumeral Hemiarthroplasty Based On Plain Radiographs	Sandau, Nicolai / Brorson, Stig / Olsen, Bo S. / Sørensen, Anne Kathrine / Jensen, Steen Lund / Schantz, Kim / Ovesen, Janne / Rasmussen, Jeppe
EFORT2017-2346	Is The Glenoid Orientation And Curvature Radius Symmetric On The Left And Right Scapula?	Taghizadeh, Elham / Berger, Steve / Becce, Fabio / Terrier, Alexandre / Farron, Alain / Büchler, Philippe
EFORT2017-2351	Tranexamic Acid In Revision Shoulder Arthroplasty	Turaev, Akmal / Mastan, Saleem / Cockburn, Hannah Jane / Walton, Mike
EFORT2017-2651	Is There A Genetic Predisposition To Frozen Shoulder? A Systematic Review And Meta-Analysis	Prodromidis, Apostolos D. / Charalambous, Charalambos
EFORT2017-2694	Abnormal Pain Response In Injured Workers With Shoulder Pathology	Boljanovic, Dragana / Razmjou, Helen
EFORT2017-822	Revision Total Shoulder Arthroplasty For Failed Humeral Head Resurfacing	Thangarajah, Tanujan / Ajami, Sara / Coathup, Melanie / Blunn, Gordon / Higgs, Deborah / Falworth, Mark / Lambert, Simon

### Orthopaedics / Wrist & Hand

Poster Walk 22: 13.15 – 14.45 / Moderator: Pinto, Ana (Portugal)

EFORT2017-1023	Endoscopic Bone Graft Harvesting Of The Distal Radius	Crouzet, Pierre
EFORT2017-1755	Pain Related To Treatment With Collagenase Clostridium Histolyticum For Dupuytren's Disease	Sanjuan-Cervero, Rafael / Franco-Ferrando, Nuria / Peña-Molina, Fernando



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EFORT2017-1770	Early To Mid-Term Results In Thumb Carpometacarpal Joint Replacement Using The ARPE Implant	Mahmood, Ihsan / Coapes, Christopher
EFORT2017-1784	Proximal Row Carpectomy In The Treatment Of Wrist Arthritis – Evaluation Of Clinical Outcomes	Bispo, Ana Catarina / Araújo, Amílcar / Batista, Mafalda / Vasconcelos, Mónica / Gonçalves, Francisco / Machado, Filipe / Neves, João / Fachada, Nuno
EFORT2017-2374	Augmented Tension Band Wiring For Digital Arthrodesis. Description And Case Series Of A Novel Technique	Hussain, Shakir / Avis, Duncan / Deshmukh, Subodh
EFORT2017-2475	1 Year After Denervation Of The Wrist. Is It Useful?	Lopez Pulido, Manuel Jesus / Izquierdo-Fernandez, Alberto / Quevedo-Reinoso, Rafael / Garcia-Carmona, Manuel / Minarro, Jose Carlos / Alfonso-Bravo, Carlos / Gonzalez-Fernandez, Angel
EFORT2017-2942	Identification Of The Flexor Retinaculum On The Basis Of Superficial Landmarks	Hohenberger, Gloria / Maier, Marco / Schwarz, Angelika / Grechenig, Wolfgang / Krassnig, Renate / Weiglein, Andreas / Rosenlechner, Dominik / Holweg, Patrick / Matzi, Veronika
EFORT2017-2958	Laser Therapy In The Management Of Carpal Tunnel Syndrome: A Systematic Review And Meta-Analysis Of Randomised Controlled Trials	Rankin, Iain / Sargeant, Harry / Rehman, Haroon / Gurusamy, Kurinchi
EFORT2017-386	Simple Method Of Functional Evaluation For Rheumatoid Hand Using Nalebuff Classification	Toyama, Shogo / Oda, Ryo / Tokunaga, Daisaku / Taniguchi, Daigo / Asada, Maki / Ikeda, Ryosuke / Fujiwara, Hiroyoshi / Kubo, Toshikazu
EFORT2017-703	Collagenase Clostridium Histolyticum Injection In The Treatment Of Dupuytren's Contracture: Concurrent Two Finger Injections, Early Complications And 3.5-Years Follow-Up With Patient Reported Outcome Measures	Kasture, Sarang / Sakamuri, Raj

### Orthopaedics / Pelvis, Hip & Femur

Poster Walk 23: 13.15 – 14.45 / Moderator: Ilchmann, Thomas (Switzerland)

EFORT2017-1294	Risk Of Cancer After Primary Total Hip Replacement: A Cohort Study From Valdoltra Orthopaedic Hospital, Slovenia	Levašič, Vesna / Milošev, Ingrid / Zadnik, Vesna
EFORT2017-1349	Clinical And Radiological Outcomes Following THA Using The Hydroxyapatite-Coated SL-PLUS? MIA Stem. 2- To 5-Years Analysis Of A 10-Years, Prospective, Multi-Centre, Uncontrolled, Observational Trial	Haffner, Nicolas / Berka, Johann / Wöntner, Cornelia / Ritschl, Peter
EFORT2017-1611	The Influence Of Body Mass Index On Functional Outcomes Following Total Hip Replacement. A 10-Years Follow-Up	Mark, Peter / Haebich, Samantha / Khan, Riaz / Fick, Daniel / Brownlie, Craig
EFORT2017-1665	Preemptive Analgesia In Hip Arthroscopy: A Randomised Controlled Trial Of Peri-Acetabular Or Intraarticular Bupivacaine	Shlaifer, Amir / Sharfman, Zachary / Amar, Eyal / Hal, Martin / Kazum, Efi / Warschawski, Yaniv / Brill, Silviu / Drexler, Michael / Rath, Ehud
EFORT2017-1733	Tumor Prostheses In Endoprosthetic Revision Surgery – Results Of 25 Patients Treated By A Modular Universal Tumor – And Revision System (MUTARS®)	Kehrer, Michael / Koob, Sebastian / Placzek, Richard / Schmolders, Jan
EFORT2017-1769	30-Years Of Experience With The Cementless Implanted Alloclassic Total Hip Arthroplasty System: An Ultra-Long-Term Follow-Up	Pisecky, Lorenz / Böhler, Nikolaus / Schauer, Bernhard
EFORT2017-2442	Bone Remodeling After Total Hip Arthroplasty With Two Different Types Of The Uncemented Femoral Stems	Tikhilov, Rashid / Shubnyakov, Igor / Karagodina, Marina

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NR.	TITLE	AUTHORS
EFORT2017-322	Fast-Track Surgery In Total Hip Arthroplasty: 5-Years Experience And Value-Based Healthcare Results	Van Der Weegen, Walter / Hoekstra, Henk / Sijbesma, Thea / Das, Dirk
EFORT2017-476	Clinical Outcome Following Conversion Of Girdlestone's Resection Arthroplasty To Total Hip Replacement	Savadooghi, Dariush / Siavashi, Babak / Pendar, Ehsan / Aalirezai, Arash
EFORT2017-643	Differences In Range Of Motion In Same Combined Anteversion After Total Hip Arthroplasty	Ohmori, Takaaki / Kabata, Tamon / Kajino, Yoshitomo / Taga, Tadashi / Hasegawa, Kazuhiro / Inoue, Daisuke / Yamamoto, Takashi / Takagi, Tomoharu / Yoshitani, Jyunya / Ueno, Takuro / Tsuchiya, Hiroyuki
Orthopaedics / Knee Et Lower Leg		
Poster Walk 24: 13.15 - 14.45 / Moderator: Robertsson, Grétar Ottó (Iceland)		
EFORT2017-1026	Long-Term Result Of Oxford UKA For Severe Varus Deformity	Tatsumi, Ichiroh / Hara, Kenji
EFORT2017-1248	Does Medial Meniscal Allograft Transplantation With The Bone-Plug Technique Restore The Anatomic Location Of The Native Medial Meniscus?	Bin, Seong-Il / Lee, Bum Sik / Oh, Sung Mok / Kim, Jae Young
EFORT2017-1625	Does Low Blood Transfusion Threshold Effect Early Mobilisation In Simultaneous Bilateral Total Knee Arthroplasty?	Chutarattanakul, Phasuth / Klunklin, Kasisin / Leerapun, Taninnit
EFORT2017-1718	An Artificial-Neural-Network-Based Prediction Model For Total Knee Replacement	Heisinger, Stephan / Hitzl, Wolfgang / Boudreau, Robert / Johannes, Holinka / Hobusch, Gerhard / Windhager, Reinhard / Cotofana, Sebastian
EFORT2017-1734	Comparison Of The Bone Tunnel Healing After Revision Anterior Cruciate Ligament Reconstruction With Bone-Patella Tendon-Bone Graft Due To The Different Shapes In The Tunnel Aperture: Rectangular Vs. Round Tunnels	Amano, Hiroshi / Tanaka, Yoshinari / Kita, Keisuke / Uchida, Ryohei / Shiozaki, Yoshiki / Horibe, Shuji
EFORT2017-2036	ACL Repair With A Dynamic Intraligamentary Stabilisation Technique, Our Initial Experience	Coenen, Sara / Dossche, Lieven / Heusdens, Christiaan H. W.
EFORT2017-2206	Assessment With Shear Wave Elastography Of The Effect On Functional Results And Muscle Stiffness Of Non-Selective And Selective Open Kinetic Chain Exercises	Botanlioglu, Hüseyin / Zengin, Gökhan / Görgün, Baris / Tok, Okan / Kaynak, Gökhan / Birsal, Olgar / Aydingöz, Önder / Güven, Mehmet Fatih / Erginer, Mehmet Rifat / Ustabasioglu, Fethi / Kantarci, Fatih
EFORT2017-2798	No Difference In Joint Awareness After Mobile And Fixed Bearing Total Knee Arthroplasty: 3-Years Follow-Up Of A Randomised Controlled Trial	Schotanus, Martijn / Pilot, Peter / Vos, Rein / Kort, Nanne
EFORT2017-2812	Post-Operative Lower Extremity Alignment Affects Short-Term Clinical Outcomes Of Oxford Medial Unicompartmental Knee Arthroplasty	Erdem, Ahmet Can / Yildiz, Fatih / Tuncay, Ibrahim
EFORT2017-685	Comparison Of Freeze-Dried Tibialis Anterior Tendon Allograft And Four-Strand Hamstring Tendon Autograft In Arthroscopic Anterior Cruciate Ligament Reconstruction	Issin, Ahmet / Sofu, Hakan / Camurcu, Yalkin / Kockara, Nizamettin

### Orthopaedics / Knee Et Lower Leg

Poster Walk 25: 13.15 - 14.45 / Moderator: Windhager, Reinhard (Austria)

EFORT2017-1009	Clinical Course Of The Contralateral Knee After Total Knee Arthroplasty For Osteoarthritis: An Examination Of The Candidates For Simultaneous Bilateral Total Knee Arthroplasty	Terauchi, Masnori / Hatayama, Kazuhisa / Hashimoto, Shogo / Saito, Kenichi / Hagiwara, Keiichi
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## Poster Walks – 1 June 2017

NR.	TITLE	AUTHORS
EFORT2017-1301	Influence Of Knee Kinematics On Patient Satisfaction: A Fluoroscopic Evaluation	Van Onsem, Stefaan / Verstraete, Matthias / De Boey, Sara / Delys, Monica / Van Der Straeten, Catherine / Victor, Jan
EFORT2017-1700	Proprioception Before And After Total Knee Replacement. Comparison Of Posterior Stabilised And Rotational Hinged Knee Prosthesis	Autorino, Carlos / Alvarez Salinas, Emiliano / Chiotta Romano, Mauricio / Sormani, Marcos / Rivarola Etcheto, Horacio
EFORT2017-1856	Patient-Specific Activity Level Goals During Recovery For TKA	Twiggs, Joshua / Salmon, Lucy / Roe, Justin / Bogue, Emily
EFORT2017-1922	Outcome Of Arthroscopic Treatment Of Mucoïd Degeneration Of The Anterior Cruciate Ligament	Nuñez Camarena, Jorge / Ventura, Diego / Minguell, Joan / Joshi, Nayana / Castellet, Enric / Sallent, Andrea
EFORT2017-2043	Lateral Hoffa Fracture Associated With Tibial Avulsion Fracture Of Posterior Cruciate Ligament: A Case Report	Ren, Cheng / Wang, Qian / Ma, Teng / Li, Ming / Li, Zhong / Zhang, Kun
EFORT2017-2722	A Novel Method For Identifying Radiographic Baseline Risk Of Osteoarthritis Using An Anisotropy-Based Texture Analysis Algorithm: Data From The Osteoarthritis Initiative	Ljuhar, Richard / Haftner, Tobias / Norman, Benjamin / Ljuhar, Davul / Fahrleitner-Pammer, Astrid / Dimai, Hans-Peter / Nehrer, Stefan
EFORT2017-2779	Femoral Component Alignment In Total Knee Arthroplasty With Distal Femur Resection Technique Using The Pre-Operatively Planned Intramedullary Rod Insertion Depth	Tsukeoka, Tadashi
EFORT2017-586	Female Patients Suffering From Secondary Hyperparathyroidism That Undergo Total Knee Arthroplasty Do Not Face Increased Danger To Develop Later Aseptic Loosening Of Their Implants. A Prospective Study	Papavasiliou, Kyriakos / Michail, Theodore / Karanassos, Marinos / Tsitouras, Dimosthenis / Adam, Stergios / Sarris, Ioannis / Tsiridis, Eleftherios / Sayegh, Fares / Kirkos, John
EFORT2017-669	Minimum 7-Years Follow-Up Of Minimally Invasive Computer-Assisted Total Knee Arthroplasty	Hasegawa, Masahiro / Yamaguchi, Toshio / Naito, Yohei / Tone, Shine / Hattori, Tetsuya / Ito, Naoya / Wakabayashi, Hiroki / Sudo, Akihiro
Orthopaedics / Paediatric Orthopaedics		
Poster Walk 26: 13.15 – 14.45 / Moderator: Sackers, Ralph (Netherlands, The)		
EFORT2017-1046	Investigating The Influence Of Kinesio Taping On Legg-Calvé-Perthes Disease	Karabörklü Argut, Sezen / Aydinli, Nur / Akalan, Nazif Ekin / Bilgili, Fuat
EFORT2017-2135	Unstable Slipped Upper Femoral Epiphysis: An Exploratory Patient Level Analysis And Systematic Review Of The Treatment Options	Naseem, Haris / Tsang, K / Chytas, Anastasios / Choudhry, Muhammad / Ahmad, Mubashshar / Sacchi, Kevin / Mason, James / Alshryda, Sattar
EFORT2017-214	Missed Slipped Capital Femoral Epiphysis: The Frog Lateral View Is The Examination Of Choice In The Non-Traumatic Limping Adolescent And Should Be Ordered Prior To The Classic Anteroposterior View. A Retrospective Analysis Of 52 Cases	Samelis, Panagiotis / Kantanoleon, Sofia / Meziridis, Ioannis / Papagrigorakis, Eftychios / Kokkalas, Nikolaos / Lalos, Charalambos / Pernientakis, Stylianos / Zambakides, Christos
EFORT2017-2140	Treatment Of Type II Aichterman – Kalamchi Fibular Hemimelia	Bari, Mofakhkharul
EFORT2017-2216	The Evaluation Of Early Results Of Using Total Hip Replacement In Treatment Of Painful Hip In Patients With Spastic Plegia	Sionek, Andrzej Jerzy / Czubak, Jaroslaw / Czwojdzinski, Adam / Tyrakowski, Marcin
EFORT2017-2597	Lumbar Facet Joint Septic Arthritis With Paraspinal Pyomyositis: An Uncommon Etiology For Back Pain In A Child	Arcângelo, Joana / Grenho, André / Campos, Pedro / Batista, Mafalda / Escobar, Marina / Ovidio, Joana / Jordão, Pedro / Gouveia, Catarina / Campagnolo, João

## Poster Walks – 1 June 2017

NR.	TITLE	AUTHORS
EFORT2017-315	Posterior Sloping Angle Of The Capital Femoral Physis Does Not Predict Bilateral Progression In Asian Patients	Ou Yang, Youheng / Cheng, Gloria Hui Min / Kumar, Sumanth Gera / Chan, Chloe Xiaoyun / Zainuddin, Mohammad Ashik
EFORT2017-41	Stable Slipped Upper Femoral Epiphysis: An Exploratory Patient Level Analysis And Systematic Review Of The Treatment Options	Naseem, Haris / Chatterji, Soma / Tsang, K / Chytas, Anastasios / Alshryda, Sattar
EFORT2017-536	Fractures In Children With Myelomeningocele	Baindurashvili, Alexey / Kenis, Vladimir / Ivanov, Stanislav
EFORT2017-57	Pathology Of Osgood-Schlatter Disease Via Arthroscopic Surgery	Kitaoka, Katsuhiko
Orthopaedics / Musculoskeletal Infections		
Poster Walk 27: 13.15 - 14.45 / Moderator: Drago, Lorenzo (Italy)		
EFORT2017-1343	Sonication Of Removed Implants Improves Microbial Detection In Orthopaedic Implant-Associated Infections	Ueda, Narumi / Oe, Kenichi / Nakamura, Tomohisa / Ueda, Yusuke / Iida, Hirokazu
EFORT2017-1429	Excellent AUC For Serum IL-6 In The Detection/Exclusion Of Hip And Knee Prosthetic Joint Infection	Gallo, Jiri / Svoboda, Michal / Proskova, Jitka / Juranova, Jarmila / Zapletalova, Jana
EFORT2017-174	Comparison With The Osteoconductivity And Bone-Bonding Ability Of The Iodine Supported Titanium, Titanium With Porous Oxide Layer And The Titanium Alloy In The Rabbit Model	Taga, Tadashi / Kabata, Tamon / Kajino, Yoshitomo / Inoue, Daisuke / Yamamoto, Takashi / Takagi, Tomoharu / Ohmori, Takaaki / Tsuchiya, Hiroyuki
EFORT2017-1933	Therapy Of Chronic Recurrent Osteomyelitis With Multi-Resistant Pseudomonas Aeruginosa Using Local Antibiotic Release By A Custom Made Tibia Nail	Schmidt, Ina / Senn, Debora / Gehmert, Sebastian / Ochsner, Peter E. / Kühn, Klaus-Dieter / Nowakowski, Andrej M
EFORT2017-212	Amputation Vs. Conservative Primary Management Of Chronic Osteomyelitis Involving A Pedal Digit In Diabetic Patients	Feldman, Viktor / Ron, Itai / Nyska, Meir / Palmanovich, Ezequiel
EFORT2017-2283	Multi-Disciplinary Concertation In Decision Making For Complex Bone And Joint Infections	Laurent, Emeline / Gras, Guillaume / Druon, Jerome / Fevre, Karine / Stanovici, Julien / Lemaignan, Adrien / Rusch, Emmanuel / Bernard, Louis / Rosset, Philippe / Grammatico Guillon, Leslie
EFORT2017-3012	The Role Of FDG PET TC In The 2-Steps Implantation Of Megaprotheses In Post-Traumatic And Periprosthetic Septic Bone Defects	Calori, Giorgio Maria / Gandolfo, Patrizia / Armorino, Riccardo / Colombo, Massimiliano / Colombo, Alessandra / Mazzola, Simone / Mazza, Emilio Luigi
EFORT2017-639	Deep Infection After Bone Tumor Surgery: Risk Factors And New Preventive Technology	Miwa, Shinji / Shirai, Toshiharu / Yamamoto, Norio / Hayashi, Katsuhiko / Takeuchi, Akihiko / Tada, Kaoru / Kajino, Yoshitomo / Higuchi, Takashi / Abe, Kensaku / Taniguchi, Yuta / Tsuchiya, Hiroyuki
EFORT2017-762	Periprosthetic Joint Infections Of The Hip: An Institutional Analysis Of Risk Factors	Triantafyllopoulos, Georgios / Soranoglou, Vasileios / Do, Huong / Memtsoudis, Stavros / Sculco, Thomas / Poultsides, Lazaros
EFORT2017-918	Synovial Fluid Testing For The Diagnosis Of Prosthetic Joint Infection – Improving Its Diagnostic Accuracy With Simple And Inexpensive Biomarkers	Serrano, Pedro / Coutinho, Luis / Esteves, João / Barros, Luis / Santos Silva, Marta / Dias, Joana / Oliveira, José Carlos / Oliveira, António / Sousa, Ricardo

## Poster Walks – 1 June 2017

NR.	TITLE	AUTHORS
General Topics / Basic Sciences		
Poster Walk 28: 13.15 – 14.45 / Moderator: Märtson, Aare (Estonia)		
EFORT2017-108	Percutaneous Anterior Column Fixation For Acetabulum Fractures, Does It Have To Be Difficult?	Ye, Peng / Lihai, Zhang / Peifu, Tang
EFORT2017-1265	Peripheral Nerve Reconstruction With Oriented Collagen Tubes Combined With Basic Fibroblast Growth Factor	Fujimaki, Hisako / Inoue, Gen / Uchida, Kentaro / Miyagi, Masayuki / Takaso, Masashi
EFORT2017-2196	Perioperative Management Of Fracture Neck Of Femur Patients On Anti-Coagulant Or Anti-Thrombotic Medication	Gulati, Vivek / Newman, Simon / Uzoigwe, Chika / Wainwright, Thomas / Middleton, Robert
EFORT2017-2543	Anatomic Communications Of The Retrocalcaneal Bursa – A Radiologic Simulation Study	Pekala, Przemyslaw / Henry, Brandon Michael / Pekala, Jakub R. / Golec, Joanna / Walocha, Jerzy A. / Tomaszewski, Krzysztof A.
EFORT2017-2589	Untangling The Twisted Structure Of The Achilles Tendon	Pekala, Przemyslaw / Henry, Brandon Michael / Ochala, Anna / Kopacz, Pawel / Taton, Grzegorz / Mlyniec, Andrzej / Walocha, Jerzy A. / Tomaszewski, Krzysztof A.
EFORT2017-3047	Bohler's Angle And Crucial Angle Of Gissane In Paediatric Population	Pombo, Bruno / Ferreira, Filomena / Areias, Margarida / Pinheiro, Ana / Oliveira, Carolina / Gonçalves, Paulo
EFORT2017-379	Association Between Bone Turnover Rate And Bone Microarchitecture In Men	Zidrou, Christiana / Tsioulas, Paschalis / Fleva, Alexandra / Kyriakidis, Theophylaktos / Kyriakidis, Anastasios / Beletsiotis, Anastasios
EFORT2017-722	Changes In The Anatomical Position Of The Superficial And Deep Superficial During Internal Fixation Of Intertrochanteric/Pertrochanteric Fracture	Nusem, Iulian
EFORT2017-838	Biomechanical Analysis Of Single-Radius Vs. J-Curved Femoral Design During Walking And Squatting	Innocenti, Bernardo / Pianigiani, Silvia
EFORT2017-965	Effect Of Immunosuppressor On The Development Of Non-Traumatic Osteonecrosis Of The Femoral Head After Renal Transplant	Okazaki, Shunichiro / Takahashi, Nobuyuki / Nagoya, Satoshi / Shimizu, Junya / Tateda, Kenji / Kosukegawa, Ima / Yamashita, Toshihiko
General Topics / Implants, Biomaterials & Registry Study		
Poster Walk 29: 13.15 – 14.45 / Moderator: Ettema, Harmen (Netherlands, The)		
EFORT2017-1101	Damage Assessment Of Metal Femoral Components Coated With Titanium Nitride: A Retrieval Study	Fabry, Christian / Zietz, Carmen / Baumann, Axel / Ehall, Reinhard / Bader, Rainer
EFORT2017-1451	Are Dual Mobility Total Hip Arthroplasty Revisions For Infection More Frequent Than Standard THA? Matched Cohort Of 231 Dual Mobility Cups And 231 Fixed Cups Collected In A Prospective Series Of 2,044 First Revision THAs	Prudhon, Jean Louis / Desmarchelier, Romain / Hamadouche, Moussa / Delaunay, Christian
EFORT2017-160	Re-Attachment Of An Osteotomised Greater Trochanter By Anterolateral Approach Using An Ultra-High Molecular Weight Polyethylene Fiber Cable In Total Hip Arthroplasty	Kobayashi, Fumito / Oe, Kenichi / Ueda, Narumi / Nakamura, Tomohisa / Okamoto, Naofumi / Ueda, Yusuke / Iida, Hirokazu
EFORT2017-1809	Cephalosporin Active Release At The Bone Implant Interface In Mesoporous Silica Coatings	Radulescu, Dragos-Mihai / Badila, Adrian Emilian / Nutiu, Octavian / Manolescu, Robert / Japie, Ioan / Ciobanu, Traian / Terinte, Silvia / Radulescu, Radu
EFORT2017-2194	Reverse Total Shoulder Arthroplasty Dislocation – An Easy Option Of Revision With Favorable Outcomes	Campos, Pedro / Rosa, Bárbara / Barros, André / Karmali, Samir / Vital Batista, Mafalda / Neto, Pedro / Gomes, Diogo

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NR.	TITLE	AUTHORS
EFORT2017-2334	Volumetric And Surface Changes In Degradable Metallic Magnesium Implants In Human Bone	Welle, Kristian / Reimann, Susanne / Keilig, Ludger / Burger, Christof / Bourauel, Christoph / Kabir, Koroush
EFORT2017-2470	Retrieval Analysis Of Rotating Hinge Bearings From Failed Total Knee Replacements	Lapaj, Lukasz / Mróz, Adrian / Wendland, Justyna / Markuszewski, Jacek / Kruczynski, Jacek
EFORT2017-2486	Is Corrosion Of Metal Components A Problem In Modular Total Knee Arthroplasty Implants? A Retrieval Analysis Of 26 Failed Knee Replacements	Lapaj, Lukasz / Wendland, Justyna / Mróz, Adrian / Kokoszka, Pawel / Kruczynski, Jacek
EFORT2017-2978	Are Modular Trabecular Titanium Cups Safe In Acetabular Revisions? Retrospective Analysis Of Slovak Arthroplasty Registry	Steno, Boris / Necas, Libor
EFORT2017-596	Dual Mobility Cups – A Shared Database Is Indispensable	Pudhon, Jean Louis / Ferreira, André / Caton, Jacques / Dehri, Guy / Descamps, Loÿs / Lustig, Sébastien / Puch, Jean Marc

### General Topics / Miscellaneous

Poster Walk 30: 13.15 – 14.45 / Moderator: Vide, João (Portugal)

EFORT2017-2394	A Comparison Of 2 Cell-Saver Machines And Their Effectiveness At Reducing Blood Loss	Jennison, Toby / Popescu, Maria / Keenan, Jonathan
EFORT2017-2397	Treatment Of Osteoporosis With Teriparatide In Anorexia Nervosa Patients	Sasaki, Toshie / Kodama, Takao / Nakamoto, Chiemi
EFORT2017-2456	The Validity And Feasibility Of Using Exhaled Carbon Monoxide (CO) To Test Smoking Status In Elective Orthopaedic Patients	Rothschild-Pearson, Benjamin / Gerard-Wilson, Michelle / Cnudde, Peter / Lewis, Keir
EFORT2017-2686	Ochronotic Arthropathy With Black Joints – A Rare Clinical Case	Couto, André / Sá Rodrigues, Andre / Nunes, Bernardo / Antunes, Artur / Pinto, Rui / Seara, Manuel
EFORT2017-2816	The Influence Of Playing Surface On Injury Risk In Italian Elite Rugby Players	Rota, Attilio / Lanzetti, Riccardo / Lupariello, Domenico / Rota, Pierpaolo / De Santis, Pierfrancesco / Guzzini, Matteo / Ferretti, Andrea
EFORT2017-3024	Severe Spasticity Managment: Ultrasound-Guided Peripheral Nerves Alcoholisation And The Quality Of Life	Turzanska, Karolina / Zaborek, Slawomir / Jarecki, Jaromir / Jablonski, Miroslaw
EFORT2017-3134	An Audit Of Orthopaedic Operation Notes In A District General Hospital	Lum, Joann / Periasamy, Kumar
EFORT2017-533	Up To A Third Of Patients Presenting For The First Time To An Orthopaedics Outpatient Clinic Have Poorly Controlled Neuropathic Pain. Results From A Survey Of 253 Patients	Grenho, André / Arcângelo, Joana / Requicha, Francisco / Caetano, Rubén / Campos, Vicente / Constantino, Diogo / Gonçalves, Rui / Camacho, António
EFORT2017-621	Study Of Post-Operative Cognitive Dysfunction In Total Knee Replacement Under Regional Anaesthesia In Indian Patients	Kilaru, Praful
EFORT2017-633	Animal-Based Surgical Products In Orthopaedics: The Perspective Amongst Patients Of Different Religious Beliefs And Dietary Habits	Al-Obaedi, Ossama / Mohammed, Riazuddin / Goswami, Sanjeev

## Poster Session – 1 June 2017

NR.	TITLE	AUTHORS
<b>General Topics / Biomechanics</b>		
EFORT2017-1890	Meta-Analysis On Interfragmentary Compression Produced By Dual Component Screw And Single Component Shanked Screw In Scaphoid Fracture	Vishwanathan, Karthik / Talwalkar, Sumedh / Panchal, Ramesh
EFORT2017-1959	Dynamic Force-Controlled Roentgen Stereophotogrammetric Analysis (DRSA): An In Vitro Pilot Study	Seiler, Nico / Ebner, Lukas / Kuster, Markus / Giesinger, Karlmeir
EFORT2017-2373	Biomechanical Analysis Of Two Internal Fixation Methods For The Surgical Treatment Of Jones Fractures	Willegger, Madeleine / Benca, Emir / Bauer, Gregor / Zandieh, Shahin / Windhager, Reinhard / Schuh, Reinhard
EFORT2017-251	Analysis Of Femoral Neck Stress Fractures Via J-Integral Method: A Finite Element Model Study	Civan, Osman / Ugur, Levent / Atmaca, Halil
EFORT2017-3049	Truly Tension Free Nerve Repairs Using A Nerve Conduit: A Biomechanical Study In An Animal Model	Rasappan, Kumaran / Rajaratnam, Vaikunthan
<b>General Topics / Education</b>		
EFORT2017-1092	Developing Paediatric Musculoskeletal Matters (PMM) – An Online Evidence-Based Information Resource For Paediatric Musculoskeletal Medicine	Smith, Nicola / Jandial, Sharmila / Gerrand, Craig / Gangadharan, Rajkumar / Khubchandani, Raju / Chan, Mercedes / Rapley, Tim / Foster, Helen
EFORT2017-1453	Performance On A Virtual Reality DHS Simulator Correlates With Performance In The Operating Theatre	Vaghela, Kalpesh / Lee, Joshua / Jeyaseelan, Lucky / Akhtar, Kash
EFORT2017-226	Do We Know The Cost Of Orthopaedic Care?	Kulkarni, Kunal / Shepherd, Sophie
<b>General Topics / Health Economy</b>		
EFORT2017-380	Hip Fractures: Are We Doing Things Right?	Yaghi, Yasser-Yannick / Zaiour, Wajih / Jawad, Ahmad / El Ali, Atef
EFORT2017-70	Virtual Clinic Follow-Up Of Primary Joint Replacement Patients	Reeve, William / Mearthur, Laura / Williams, Dan
<b>General Topics / Methodology</b>		
EFORT2017-2090	Computer-Aided Estimation Of Comorbidity From Electronic Patient Medical Records For Joint Register Data	Bülow, Erik / Rolfson, Ola
<b>General Topics / Quality Management</b>		
EFORT2017-258	Evaluation Of Pre-Operative Surgical Site Marking In Trauma & Orthopaedics, General Surgery And Vascular Surgery	Thahir, Azeem / Athem, Raseen / Husain, Parvez
EFORT2017-71	Virtual Clinic Follow-Up Of Hip & Knee Replacements: A Patient Survey	Mearthur, Laura / Fieraru, Gabriel / Reeve, William / Williams, Dan
<b>General Topics / Systemic Disorders</b>		
EFORT2017-2235	Lower Extremity Compartment Syndrome In The Setting Of Iliofemoral Deep Vein Thrombosis, Phlegmasia Cerulea Dolens And Factor VII Deficiency	Abdul, Wahid / Hickey, Ben / Wilson, Chris

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NR.	TITLE	AUTHORS
EFORT2017-2280	The Application Of FRAX To Assessment The Risk Of Osteoporotic Fractures In Ukrainian Population	Povoroznyuk, Vladyslav / Grygorieva, Nataliia / Kanis, John / Johansson, Helena / Mc Closkey, Eugene
<b>Orthopaedics / Elbow Et Forearm</b>		
EFORT2017-509	Prognostic Factors Determining The Outcome Of Arthroscopic Resection And Debridement Arthroplasty For The Treatment Of Osteoarthritis Of The Elbow	Egi, Takeshi / Hosomi, Ryou / Sogabe, Yusuke
<b>Orthopaedics / Foot Et Ankle</b>		
EFORT2017-1063	Vascularised Bone Graft For The Treatment Of A Chondroblastoma	Lötscher, Patrick / Wagener, Joe / Schweizer, Christine / Hintermann, Beat
EFORT2017-1281	Patient Reported Outcome Measures Following The Use Of Variable Angle Locking Plates In Foot Reconstructive And Joint Fusion Procedures: A Non-Inventor Centre Report	Perianayagam, Ganapathy Raman / Patel, Shakil / Mangwani, Jitendra
EFORT2017-2645	Tibiototalcalcaneal Fusion Using An Intramedullary Nail: Med-Term Results	Mahajan, Ravindra / Dalal, Rakesh
EFORT2017-2926	Combining Subtalar Joint Fusion With A Corrective Osteotomy Of Calcaneus Described By M. Romash In Treatment Of Patients With Calcaneal Malunions	Tikhilov, Rashid / Konovalchuk, Nikita / Sorokin, Evgenii / Fomichev, Viktor / Chugaev, Dmitrii / Lasunskiy, Sergey
EFORT2017-622	Pre-Operative Computed Tomography To Assess Bone Stock For Total Ankle Arthroplasty	Wilson, Scott / Ballal, Moez / Vasukutty, Nijil / Pillai, Anand
<b>Orthopaedics / Knee Et Lower Leg</b>		
EFORT2017-1109	2-Years Clinical Results Of A Novel Load Redistribution Device For The Treatment Of Medial Knee OA	Haverkamp, Daniel / Van Der Vis, Harm / Lee, Joshua / Achan, Pramod / Ramachandran, Manoj
EFORT2017-1300	How Are Clinical Outcomes Related To The Deviation Severity Of The Tibiofemoral Mechanical Axis Following Total Knee Arthroplasty?	Bilgin, Emre / Bombaci, Hasan / Kiling, Bekir Eray / Kalenderer, Önder / Görgeç, Mücahit
EFORT2017-1458	High Patient Satisfaction And Low Complication Rate: Total Knee Replacement In Very Older Patient	Rocha, Ana Teresa / Sarafana, João / Oliveira, Teresa / Viana, Gonçalo / Xavier, Fernando / Evangelista, Carlos
EFORT2017-1467	Mid-Term Results Of Medial Fixed Bearing Unicompartmental Knee Arthroplasty	Sessa, Vincenzo / Buschini, Francesco / Celentano, Umberto
EFORT2017-1633	Comparison Of The Eq-5d And Sf-12 Health Surveys In Patients With Total Knee Arthroplasty	Unver, Bayram / Çekmece, Senol / Eymir, Musa / Karatosun, Vasfi
EFORT2017-165	Anterior Vs. Posterior Periarticular Multimodal Drugs Injection: A Randomised Controlled Trial In Simultaneous Bilateral Total Knee Arthroplasty	Rattanaprichavej, Piti / Laoruengthana, Artit / Rasamimongkol, Supachok / Galassi, Monton
EFORT2017-1677	Severe Arthritic Knee With Deformity And Its Management In Asian Population – Our Experience	Ghazi, Arsalan / Ali, Kamran / Snoor, Shahid / Rahim, Kazim
EFORT2017-1739	Minimally Invasive Medial Patellofemoral Ligament Reconstruction With Fascia Lata Allograft: Minimum 2-Years Follow-Up Results	Marcheggiani Muccioli, Giulio Maria / Grassi, Alberto / Roberti Di Sarsina, Tommaso / Raggi, Federico / Serra, Margherita / Neri, Maria Pia / Maccacci, Maurizio / Zaffagnini, Stefano



## Poster Session – 1 June 2017

NR.	TITLE	AUTHORS
EFORT2017-1808	Clinical Availability Of Capsular Release Around The Intercondylar Notch And Mid-Term Outcomes In Posterior-Stabilised Rotating-Platform TKA	Okamoto, Yoshinori / Otsuki, Shuhei / Iida, Go / Murakami, Tomohiko / Nakagawa, Kosuke / Neo, Masashi
EFORT2017-1877	Dislocation Following Total Knee Arthroplasty	Crnogaca, Kresimir / Delimar, Domagoj / Bicanic, Goran
EFORT2017-1909	Pre-Operative Vs. Post-Operative Ramosetron Injection For Reducing Emesis And Pain After Total Knee Arthroplasty: A Randomised Controlled Study	Kang, Seung-Baik / Chang, Chong Bum / Chang, Moon Jong / Yoon, Chan / Shin, Jae-Hoon / Song, Min Kyu / Kim, Su Jin / Choi, Su Hee / Song, Yu Jin / Won, Sung Yeon / Shim, Hanna / Cho, Suk-Hyun
EFORT2017-1947	Preserving The PCL During Tibial Osteotomy In Total Knee Arthroplasty (TKA)	Ripani, Francesca Romana / Mazzotta, Gianluca / Cinotti, Gianluca
EFORT2017-1968	Outcomes Of Isokinetic Tests And Functional Assessment In Anterior Cruciate Ligament Reconstruction: Transtibial Vs. Anatomic Femoral Single Tunnel Drilling Technique	Basdelioglu, Koray / Meriç, Gökhan / Pündük, Zekine / Akseki, Devrim / Atik, Aziz / Ulusal, Ali Engin / Sargin, Serdar
EFORT2017-1987	Reasons For 30- And 90-Days Readmission Following Primary Total Knee Arthroplasty In A Fast-Track High-Volume Centre	Saku, Sami / Madanat, Rami / Mäkinen, Tatu
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EFORT2017-2476	Primary Knee Osteoarthritis Treated By Total Knee Arthroplasty With Deep Dish Rotatory Baseplate: Tibial Fixation With Or Without Cement? A Comparative Study Of 109 Zimmer® Natural Knee II Prostheses With A Minimum Follow-Up Of 5 Years	Kalk, Etienne / Labattut, Ludovic / Martz, Pierre / Baulot, Emmanuel
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EFORT2017-2879	Does Lateral Tenodesis Improve Clinical Results Of ACL Reconstruction In Elite Female Soccer Players?	Mazza, Daniele / Guzzini, Matteo / Iorio, Carlo / Calderaro, Cosma / Lanzetti, Riccardo / Iannotti, Ferdinando / Ponzo, Antonio / Ferretti, Andrea

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EFORT2017-2319	Birmingham Hip Resurfacing Vs. Total Hip Arthroplasty In Female Patients: Functional Outcomes And Survivorship Analysis	Lim, Jun Wei / Ridley, David / Johnston, Linda / Singer, Brian / Clift, Benedict
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EFORT2017-1311	Percutaneous Axial Lumbosacral Interbody Fusion: Clinical And Radiological Results Of 52 Cases	Balsano, Massimo / Zachos, Alexandros / Mosele, Giulia Raffaella

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EFORT2017-1646	Wake Up Test By Total Intravenous Anaesthesia In Scoliosis Surgery Questionnaire Survey And Effect On Mental Distress	Kida, Yoshikuni / Soshi, Shigeru / Shinohara, Kei / Yamamoto, Shun / Kajiwara, Takayoshi / Marumo, Keishi
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EFORT2017-735	Incomplete Correction Of The Sagittal Spinal Alignment After Hip Flexion Contracture Release During THR	Feranec, Martin

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EFORT2017-2014	Hip Fractures In Centenarians – Has Care Improved In The National Hip Fracture Database Era?	Dick, Alastair / Davenport, Dominic / Bansal, Mohit / Burch, Therese / Edwards, Max
EFORT2017-2131	The Influence Of Higher Level Imaging In Neck Of Femur Fractures And The Best Practice Tariff	Marley, William / Fischer, Ben / Wall, Alun
EFORT2017-2595	A Comprehensive Algorithm For The Treatment Of Atypical Femoral Fractures	Toro, Giuseppe / De Sire, Alessandro / Moretti, Antimo / Caba-Doussoux, Pedro / Ojeda-Thies, Cristina / Martinez-Diaz Guera, Guillermo / Iolascon, Giovanni
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EFORT2017-3055	Relative Survival Following Hemi- And Total Hip Arthroplasty For Hip Fractures In Sweden	Nemes, Szilard / Cnudde, Peter / Bülow, Erik / Lind, Dennis / Rolfson, Ola / Rogmark, Cecilia



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EFORT2017-1375	A New Clinical Test For Disruption Of The Knee Extensor Mechanism: The Alam Extensor Test (AET)	Adebayo, Oliver / Goldring, Michael / Iliadis, AD / Mortada, Saadallah / Alam, Mahbub
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EFORT2017-284	Isolated Traumatic Dislocation Of The Proximal Tibio-Fibular Joint. An Illustrated Case Report And Literature Review	Royon, Thibaut / Ngo, Trieu Hoai Nam / Saglini, Marco / Sadowski, Christophe
EFORT2017-2887	Acute Rupture Of The Knee Extensor Mechanism In A Patient With Previous Patellectomy: A Rare Clinical Case	Couto, André / Lopes, Miguel / Rosa, Joao / Ramos, Acacio / Ovidio, Joana
EFORT2017-2984	Dynamics Of Inflammatory Process Indicators In Patients With Open Tibial Fractures	Ankin, Mykola / Petryk, Taras / Ladyka, Viktoria
EFORT2017-3112	Simultaneous Patellar Dislocation And Quadriceps Tendon Rupture – A Case Report	Mcgrath, Anthony Finbar / Imran, Farheen / Fazal, Ali
EFORT2017-817	Our Most Common Complications During The Treatment Of Tibial Pseudoarthrosis By Ilizarov External Fixation	Maran, Milorad

### Trauma / Paediatric Trauma

EFORT2017-2059	Surgical Treatment For Injuries Of The Upper Extremity In Children	Gerasimenko, Mikhail / Andrej, Beletsky / Stanislau, Tratsiak
EFORT2017-2465	Management Of Paediatric Displaced Supracondylar Fractures In Swansea, Wales	Abdul, Wahid / Panwalkar, Parag / Evans, Alun

### Trauma / Pelvic Trauma

EFORT2017-1876	Lumbopelvic Fixation Of Unstable Sacral Fractures: Modified Triangular Osteosynthesis	Kanezaki, Shozo / Miyazaki, Masashi / Notani, Naoki / Ishihara, Toshinobu / Tsumura, Hiroshi
EFORT2017-1953	An Holistic Approach To Bilateral Severe Bilateral Protrusio Acetabuli, Following An Epileptic Fit	Drakou, Androniki / Psifis, Markos
EFORT2017-2775	Infrapectineal Plating Technique For Acetabular Fractures	Park, Sang Eun

### Trauma / Polytrauma

EFORT2017-2658	Operative Treatment Of Tibial Shaft Open Fracture (Gustilo-B) With Severe Soft-Tissue Damage Combined With Tibial Plateau Fracture Using Interlocking Nail Insertion From Supra-Patella Pouch With Locking Plate. Case Report	Kawamura, Tadashi / Minehara, Hiroaki / Matsuura, Terumasa
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## Poster Session – 1 June 2017

NR.	TITLE	AUTHORS
Trauma / Shoulder & Upper Arm Trauma		
EFORT2017-2737	Parallel Plate Fixation For Comminuted Distal Humerus Fractures: Long-Term Clinical Outcome Of 30 Patients	Kanellos, Panagiotis / Megaloikonomos, Panayiotis D. / Mantzanas, Panayiotis / Bozonelos, Georgios / Fandridis, Emmanouil / Giannoulis, Filippos / Spyridonos, Sarantis
Trauma / Spine Trauma		
EFORT2017-2293	Cruciate Hemiplegia After Odontoid Fracture	Nefiss, Mouadh / Khelif, Mohamed Ali / Tebourbi, Anis / Nouira, Zied / Ben Maatoug, Aymen / Ezzouia, Khelil / Bouizidi, Ramzi
EFORT2017-777	Spinal Cord Compression By A Pulmonary Hernia	Baldo, Guilherme / Casagrande, Alexandre / Barbosa, Diogo / De Souza Junior, Waldemar / Papaelo, Márcio / Maito, Zaffer
Trauma / Varia Trauma		
EFORT2017-1069	Unicortical External Fixator Pins Could Reduce The Risk Of Thermal Necrosis Around The Pin Insertion Area Compared To Common Bicortical Fixator Pins	Greinwald, Markus / Augat, Prof. Peter / Varady, Dr. Patrick
EFORT2017-1427	Assessing The Documented Clinical Evaluation Of Intraoperative Orthopaedic Fluoroscopy Imaging In Accordance With Ionising Radiation (Medical Exposure) Regulations	Pearce, Oliver / Al-Hourani, Khalid
EFORT2017-1481	Virtual Fracture Clinics: Helping To Meet Clinical Targets	Parwaiz, Hammad / Pickering, Greg / Macdonald, Hamish / Sheridan, Barnaby / Ogilvie, Colin

## Poster Walks – 2 June 2017

NR.	TITLE	AUTHORS
Trauma / Paediatric Trauma		
Poster Walk 45: 13.15 – 14.45 / Moderator: Czubak, Jaroslaw (Poland)		
EFORT2017-1066	Neonatal Displaced Epiphysiolysis Of Humeral Head. A Case Report	Leon Andrino, Alejandro / Palencia, Jesus / Garcia-Medrano, Belen / Plata, Maria / Ariño Palao, Maria Blanca / Beltrán De Heredia, Pablo
EFORT2017-1325	Paediatric Diaphyseal Fractures Of The Forearm Treated Non-Operatively: Does Type Of Anaesthesia Affect Quality Of Reduction?	Núñez De Armas, Joaquín / Moraleda Novo, Luis / Vaquero Picado, Alfonso / Gil Garay, Enrique
EFORT2017-1499	Traumatic Hip Dislocation Associated With Acetabulum Fracture In An Immature Male Adolescent	Carvalho, João Das Dores / Ferreira, Nuno / Martins, Sandra / Pereira, Joana / Catarino, Isabel / Silva, Marcos / Quesado, Miguel / Mendes, Jorge
EFORT2017-1565	Delayed Extensor Pollicis Longus Rupture After Elastic Stable Intramedullary Nailing For Both Bone Forearm Fracture	Grenho, André / Arcângelo, Joana / Pedrosa, Carlos / Batista, Mafalda / Lameiras Campagnolo, João / Ovídio, Joana
EFORT2017-2105	Radial Neck Non-Union Fracture In A Paediatric Patient	Núñez De Armas, Joaquín / Vaquero Picado, Alfonso / Cabello Blanco, Juan
EFORT2017-2433	Open Paediatric Diaphyseal Both-Bone Forearm Fractures With Associated Median Nerve Injury	Abdul, Wahid / Lougher, Laura / Hak, Paul
EFORT2017-2714	Surgical Management Of A Neglected Femoral Neck Fracture In A 15-Years-Old Hemiplegic Cerebral Palsy Child	Toro, Giuseppe / Toro, Gabriella / Tirelli, Assunta / Calabrò, Giampiero / Tirelli, Armando / Toro, Antonio / Iolascon, Giovanni
EFORT2017-3127	Avulsion Fracture Of The Lesser Trochanter In Skeletally Imature Football Athletes – Description Of 2 Cases	Fernandes Carvalho, Marcos / Balacó, Inês / Sá Cardoso, Pedro / Alves, Cristina / Pu Ling, Tah / Matos, Gabriel
EFORT2017-481	Lisfranc Injury In Adolescent. An Uncommon Case Report	Rubio Saez, Israel / Cabello Blanco, Juan / Carbonell-Escobar, Rafael
EFORT2017-577	Avulsion Fractures In Sports – 2 Clinical Cases	Costa Pinheiro, Ana Alexandra / Oliveira, Carolina / Pombo, Bruno / Areias, Margarida / Varino Sousa, Cristina / Leal, Miguel
Orthopaedics / Knee & Lower Leg		
Poster Walk 44: 13.15 – 14.45 / Moderator: Hofmann, Siegfried (Austria)		
EFORT2017-1031	Total Knee Arthroplasty In Patient With Alkaptonuria. Case Report And Review Of Literature	Papoulidis, Nikolaos / Krexí, Anastasia / Spartalis, Alkiviadis / Samaras, Nikolaos / Koudoudis, Anastasios
EFORT2017-1230	Development And Evaluation Of A Screening Algorithm Based On Patient-Reported Data And Radiographs To Improve The Referral Pattern To The Outpatient Orthopaedic Knee Clinic	Mikkelsen, Lone Ramer / Garval, Mette / Holm, Carsten / Skou, Søren Thorgaard
EFORT2017-1403	The Use Of A Surgical Simulator To Develop Knee Arthroscopy Skills	Kociałkowski, Cezary / Atwal, Navraj
EFORT2017-1667	Pseudoaneurysm Following Tibial IM Nailing, A Clinical Case Report	Kyriakopoulos, Georgios / Oikonomou, Leon / Vlachou, Maria / Kassos, Christos / Tsoumas, Christos / Manthas, Spyros / Paltatzidis, Lazaros / Manta, Aikaterini / Kotsarinis, Georgios / Kateros, Konstantinos
EFORT2017-1835	A Case Series On Early Mobilisation Of Delayed Primary Patellar Tendon Repair With Semitendinosus Augmentation And Wire Reinforcement	Lim, Pio Rafael / Bonifacio, Lauro

## Poster Walks – 2 June 2017

NR.	TITLE	AUTHORS
EFORT2017-1932	Severe Trochlear Dysplasia And Permanent Patellar Dislocation: An Indication For Deepening Trochleoplasty	Ferreira, Mariana / Silva, João Duarte / Amorim, Nelson / Figueiredo, Manuel / Duarte, Filipe / Torres, João / Pinto, Rui / Gutierrez, Manuel
EFORT2017-2094	Bilateral Tibia Procurvata Et Vara Correction With Hexapod External Fixator In Patient Affected By Shwachman-Bodian-Diamond Syndrome	Samaila, Elena Manuela / Maluta, Tommaso / Magnan, Bruno / Boldini, Matteo
EFORT2017-2230	Levels Of Prophylactic Antibiotics In Blood And Drained Fluids After ACL Reconstruction. Are We Always Safe?	Bisbinas, Ilias / Georgiannos, Dimitrios / Karampalis, Chistos / Tsakelidou, Eliza / Pouliopoulos, Athanasios / Theodoridis, George / Gkika, Eleni / Raikos, Nikolaos
EFORT2017-2770	The Unknown And Underdiagnosed Mucoïd ACL Degeneration – A Rare Case	Queiros, Carlos / Silva, Alcindo
EFORT2017-871	Pseudoaneurysm Of The Lateral Superior Genicular Artery Following Lateral Closing Wedge Osteotomy Of The Distal Femur	Karagyris, Orestis / Snow, Martyn
<b>Trauma / Shoulder Et Upper Arm Trauma</b>		
Poster Walk 31: 13.15 – 14.45 / Moderator: Limb, David (United Kingdom)		
EFORT2017-1305	Mini-Open Treatment Using A Plate And 2.4mm Screws In Comminuted Clavicular Fractures	Park, Yong-Geun / Kim, Sang-Rim
EFORT2017-1366	The Strategy In The Treatment On Humeral Septic Non-Union And Critical Size Bone Defect	Calori, Giorgio Maria / Mazza, Emilio Luigi / Colombo, Massimiliano / Mazzola, Simone / Colombo, Alessandra / Romanò, Fabio
EFORT2017-1827	The Portuguese External Fixator For Proximal Humerus Fractures	Simoes, Ricardo / Gonçalves, António Sérgio / Monteiro, Sara / Amaral, Pedro / Soares, Renato / Soares, Luis
EFORT2017-2221	Biomechanical Testing Of A New Plate System For The Greater Tuberosity Fractures Of The Proximal Humerus	Pantos, Panagiotis / Kaisidis, Aristotelis / Bochlos, Dimitrios
EFORT2017-2223	Delayed Removal Of Hook Plates In Patients With Acromioclavicular Joint Dislocation Or Distal Clavicle Fracture; The Effect On Functional Outcome	Campbell, Nathan / Hujazi, Ihab / Viner, Jeremy / Marynissen, Hans
EFORT2017-2362	Delayed Presentation Of A Traumatic Pseudoaneurysm Of Axillary Artery	Silva, João Duarte / Vidinha, Vitor / Ferreira, Mariana / Almeida, Maria João / Silva, Manuel / Amorim, Nelson / Pinto, Rui
EFORT2017-2560	Technique For Acromioclavicular Stabilisation Affects Rotational Stability Of The Acromioclavicular Joint	Holzer, Nicolas / Cunningham, Gregory James / Lädermann, Alexandre / Armand, Stéphane
EFORT2017-3087	Conservative Treatment Vs. Surgically Treatment In Midshaft Clavicle Fracture: Comparison Of Healing Time And Functional Outcome	Neri, Elisabetta / Vullo, Andrea / Bonini, Luca / Giuntoli, Michele / Andreani, Lorenzo / Bonicoli, Enrico / Lisanti, Michele
EFORT2017-333	Fixations Method For Treatment Unstable Distal Clavicle Fracture: Systematic Review And Network Meta-Analysis	Boonard, Manusuk / Kongtharvonskul, Jatupon
EFORT2017-820	Biodegradable Implants In Treatment Of Chronic Post-Traumatic Anterior Shoulder Instability With Bone Defect Of Scapula Articular Process	Monastyrjev, Vasily V. / Vasiljev, Vyacheslav Y. / Puseva, Marina E.

## Poster Walks – 2 June 2017

NR.	TITLE	AUTHORS
Trauma / Pelvic Trauma		
Poster Walk 32: 13.15 - 14.45 / Moderator: Muñoz Vives, Josep (Andorra)		
EFORT2017-1077	Clinical Results Of Acetabular Both-Column Fractures Via Only Iliioinguinal Approach	Funayama, Atsushi / Kimura, Takeshi / Takada, Kazutaka / Fujie, Atsuhiko / Fukuda, Kentaro / Nomoto, So
EFORT2017-109	Formula Describing The Spatial Displacement Of Pelvic Fractures And Guide The Frame Closed Reduction Percutaneous Fixation	Ye, Peng / Lihai, Zhang / Peifu, Tang
EFORT2017-1934	The Clinical Application Of Modified Stoppa Approach With Spring Plate For Posterior Column Acetabular Fractures	Xue, Hanzhong / Ren, Cheng / Li, Zhong / Wang, Qian / Li, Ming / Zhang, Kun
EFORT2017-2361	Complications In Two Columns Acetabular Fractures. Use Of Matta's Nomogram As Predictor	Álvarez Muñoz, Mónica / Toro, Ainhoa / Vacas Sánchez, Elena / Gallardo, Jose / Zorrilla Sanchez De Neyra, Jaime / Caba-Doussoux, Pedro
EFORT2017-2625	An Audit Of Pelvic And Acetabular Fracture Management At A Major Trauma Centre	Cheyne, Natalie / Anderton, Michael / Chitre, Amol
EFORT2017-2811	The Treatment Of Pelvic Fractures In The Pre-Hospital Setting. Lessons Must Be Learnt	Ali, Erden / Khan, Shahnawag / Sabah, Shiraz / Lee, Joshua
EFORT2017-2917	New Technique For The Insertion Of Infraacetabular Screw In Acetabular Fracture Surgery	Ogawa, Kenichi / Terada, Chuji / Yamada, Hiroki / Noda, Tomoyuki / Ozaki, Toshifumi
EFORT2017-3093	Plastic Surgery Input In The Management Of Pelvic And Acetabular Trauma In A National Treatment Centre: A 10-Years Case Review Series	Mcquade, Colin / Gibbons, John / O'Daly, Brendan / Leonard, Michael
EFORT2017-3151	Injury Of The Obturator Nerve In The Modified Stoppa Approach For Acetabular Fractures	Kim, Ji Wan / Shon, Hyun Chul / Park, Jai Hyung
EFORT2017-342	The Floating Hip: Complications And Outcomes	Savadkoobi, Dariush / Siavashi, Babak / Pendar, Ehsan / Aalirezai, Arash
Trauma / Hip & Femur Trauma		
Poster Walk 33: 13.15 - 14.45 / Moderator: Sautet, Alain (France)		
EFORT2017-1106	3-D Evaluation Regarding Alignment About Femoral Shaft Fracture Using Intramedullary Nail	Hoshino, Keisuke / Nagano, Hiroshi / Ikeguchi, Ryouzuke / Doi, Takeshi / Mae, Takao / Maehara, Takashi / Keisuke, Ishi / Miyamoto, Kazuhiko / Yasutake, Hidetoshi / Tanabe, Nobutaka
EFORT2017-1636	A Retrieval Study Using Both Scanning Electron Microscopy And Light Microscopy On Medial Migration Of The Femoral Neck Element Post Cephalomedullary Nail Fixation Of Pertrochanteric Hip Fractures	Law, Gin Way / Koh, Joyce Suang Bee / Kang, Benjamin Joseph Yida / Yeo, Nicholas Eng Meng / Howe, Tet Sen
EFORT2017-1659	A Novel Affordable Augmented Reality Simulation Of The Guide-Wire Insertion In DHS / CHS Surgery	Van Duren, Bernard / Sugand, Kapil / Carrington, Richard / Hart, Alister
EFORT2017-2013	Open Reduction Internal Fixation Vs. Revision Arthroplasty For Vancouver B2 Periprosthetic Fractures	Jennison, Toby / Yarlagadda, Rathan
EFORT2017-253	Compliance With NICE Guidelines On Provision Or Total Hip Replacements For Fractured Neck Of Femurs In A District General Hospital	Shelton, James / Truss, Adam / Skellorn, Peter / Ramakrishnan, Muthukrishnan
EFORT2017-2670	Maximising Stability After Revision Hip Arthroplasty For Vancouver B Periprosthetic Fracture	Khan, Riaz / Fick, Daniel / Haebich, Samantha / Mcgonagle, Lorcan / Isaac, Senthuren

## Poster Walks – 2 June 2017

NR.	TITLE	AUTHORS
EFORT2017-2824	Hip Hemiarthroplasty For Femoral Neck Fractures In End-Stage Renal Disease Patients On Chronic Dialysis	Ding, Benjamin
EFORT2017-2827	Low Predictive Power Of Comorbidity On Mortality After Acute Arthroplasty Surgery Following Hip Fracture	Bülöw, Erik / Rogmark, Cecilia / Cnudde, Peter / Rolfson, Ola / Garellick, Göran / Nemes, Szilard
EFORT2017-2843	Reoperations In Patients With Intertrochanteric Fractures Treated With A Short Or Long Intramedullary Nail	Bovbjerg, Pernille / Larsen, Morten Schultz / Faldmose Madsen, Carsten / Schönemann, Jesper
EFORT2017-414	Locked Compression Plate In Femur Periprosthetic Fractures: Retrospective Evaluation Of 41 Cases	Caff, Giuseppe / Grimaldi, Alfio / Gargano, Valerio / Cuscani, Giuseppe / Bonura, Enricomaria / Leone, Andrea / Rosa, Michele Attilio / Restuccia, Giovanni

### Trauma / Knee Et Lower Leg Trauma

Poster Walk 34: 13.15 – 14.45 / Moderator: Gebhard, Florian (Germany)

EFORT2017-1178	The Role Of Clinical Examination In Predicting Relevant MRI Findings In Acute Knee Injuries: A Retrospective Study	Mastan, Saleem / Makki, Daoud / Ness, Daniel / Thonse, Raghuram
EFORT2017-134	Clinical And Functional Outcome Of Proximal Tibial Fractures: The Value Of The 3-Column Concept	Van Den Berg, Juriaan / Nunes Cardozo, Menno / Starovoyt, Anastasiya / Geusens, Eric / Nijs, Stefaan / Hoekstra, Harm
EFORT2017-1669	A Comparison Between Free-Hand Technique And Electromagnetic-Assisted Technique In Radiation Exposure During Intramedullary Nails	Tanikawa, Hidenori / Harato, Kengo / Funayama, Atsushi / Fujie, Atsuhiko / Fukuda, Kentaro / Nomoto, So
EFORT2017-1714	Is There A Classification Of Tibial Plateau Fractures That Predicts The Presence Of Associated Soft-Tissue Injury?	Millán, Angélica / Ramírez, Eduard / Gómez, Mireia / Ibañez, Maximiliano / Gelber, Pablo
EFORT2017-3008	Gap Non-Union Patella: A Case Report And Review Of Literature	Thakrar, Raj Ramesh / Al-Obaedi, Ossama / Iqbal, M J
EFORT2017-441	Surgical Treatment Of Patellar Fractures Using The Medial Parapatellar Approach	Yoon, Yong-Cheol / Sim, Jae-Ang / Lee, Beom-Koo
EFORT2017-464	Asymmetry In Gait Pattern Following Bicondylar Tibial Plateau Fractures	Larsen, Peter / Elsoe, Rasmus
EFORT2017-668	Staged Minimally Invasive Plate Osteosynthesis Of Proximal Tibial Fracture With Acute Compartment Syndrome	Kim, Joon-Woo / Oh, Chang-Wug / Park, Kyeong-Hyeon / Kim, Tae-Seong / Kim, Kwang-Hwan
EFORT2017-696	Chronic And Neglected Patellar Tendon Rupture Reconstruction With A Semitendinosus Autograft And Platelet-Rich Plasma (PRP)	De Santis, Pierfrancesco / Rota, Attilio / Rota, Pierpaolo
EFORT2017-963	Gait Pattern Analysis Of Patients Treated With Circular Ilizarov Frame For Severe Tibial Plateau Fractures	Iliopoulos, Efthymios / Agarwal, Sujit / Gallagher, Kieran / Khaleel, Arshad

### Orthopaedics / Spine

Poster Walk 35: 13.15 – 14.45 / Moderator: Cáceres Palou, Enric (Spain)

EFORT2017-110	Better Clinical Outcome With Higher Fusion Rate Achieved By PLIF With Reduction Of Slippage Than PLF For Grade II-III Lumbosacral Spondylolisthesis	Hsu, Chien-Jen
EFORT2017-1241	Restoration Of Spinal Motion In Thoracolumbar Fractures Managed By Nonfusion Technique	Kim, Yong-Min / Choi, Seung-Myung / Kim, Do-Kyoon

## Poster Walks – 2 June 2017

NR.	TITLE	AUTHORS
EFORT2017-1321	The CT-Based Fractal Analysis Of Trabecular Bone Structure May Help In Detecting Decreased Quality Of Bone Prior To Urgent Spinal Procedures	Cyz, Marcin / Holton, James / Kapinas, Arion / Renata, Pyzik / Quraishi, Nasir / Boszczyk, Bronek
EFORT2017-1323	Spinal Epidural Lipomatosis On Lumbar-Sacral Spine: A Case Report	Doria, Carlo / Mosele, Giulia Raffaella / Caggiari, Gianfilippo / Puddu, Leonardo / Balsano, Massimo / Zachos, Alexandros
EFORT2017-1396	Use Of Vertebroplasty For The Treatment Of Vertebral Fractures In Patients With Multiple Myeloma: 5-Years Follow-Up	Balsano, Massimo / Zachos, Alexandros / Mosele, Giulia Raffaella / Doria, Carlo
EFORT2017-1618	A Prospective 2-Years Outcome Study Of Extreme Lateral Interbody Fusion (XLIF) And Hybrid XLIF Surgery For Adult Spinal Deformity	Ling, Zhixing Marcus / Liow, Lincoln / Yeo, William / Siddiqui, Mohd Mashfiqul Arafin / Goh, Keng Meng Jeremy / Guo, Chang Ming
EFORT2017-2647	The Impact Of Body Mass Index On Spinopelvic Parameters	Gülabi, Deniz / Uysal, Mehmet Ali / Akça, Ahmet / Guclu, Bulent / Çolak, Ilker / Cecen, Gültekin Sitki
EFORT2017-2745	Spondylodiscitis: Identification Of Spectrum Of Infection In 69 Cases	Pakroo, Nadia / Mahendra, Mamalee / Sandiford, Nemandra / Hemsley, Carolyn / Back, Diane
EFORT2017-2952	Predictors Of Neurological Deficits At Time Of Admission In Patients With Hematogenous Spinal Infections	Abdelrahman, Hamdan
EFORT2017-519	Evaluation Of Post-Operative Fracture At Upper Instrumented Vertebrae After Adult Spinal Deformity Surgery	Inoue, Gen / Nakazawa, Toshiyuki / Imura, Takayuki / Miyagi, Masayuki / Saito, Wataru / Shirasawa, Eiki / Takaso, Masashi

### Orthopaedics / Shoulder & Upper Arm

Poster Walk 36: 13.15 - 14.45 / Moderator: Baltov, Asen Georgiev (Bulgaria)

EFORT2017-1123	Deltoid Muscle Volume By 3D Measurement Affect Clinical Outcome Of Reverse Total Shoulder Arthroplasty In Cuff Tear Arthropathy	Yoon, Jong Pil / Jung, Jae-Wook / Chung, Won-Ju / Kim, Joon Yub / Chung, Seok Won / Seo, Anna
EFORT2017-1503	Arthroscopic Transosseous Rotator Cuff Repair. How To Avoid Damaging The Axillary Nerve?	Aguilella Fernández, Luis / Blas, José Antonio / Montaner, Daniel
EFORT2017-1568	Alternative Scapular Stabilisation Exercises To Target Strength, Endurance And Function Of Shoulders In Tetraplegia: A Case Series	Lins, Carolina / Castro, Alex / Medina, Giovanna I.S. / F.B.M. Azevedo, Eliza Regina / S. Donato, Bruno / Squarizi, Marina / Roland Tancredo, Janaina / Vargas, Leticia / Cliquet Junior, Alberto
EFORT2017-1585	Reliability Of Coronal And Sagittal Oblique Magnetic Resonance Images During Diagnosis Of Partial-Thickness To Small Full-Thickness Supraspinatus Tears	Kim, Seong Hun / Koh, Kyoung Hwan / Kim, Joon Yub / Lee, Yunjae
EFORT2017-1591	Comparative Analysis Of The Glenoid Vault And Friedman's Version Measurement Methods In Variable CT Scan Slice Height And Angulation	Cunningham, Gregory James / Freebody, John / Smith, Margaret M / Young, Allan A / Cass, Benjamin / Giuffre, Bruno
EFORT2017-1663	A Comparison Of The Minimum Data Sets Of The National Shoulder Arthroplasty Registries	Holland, Phillip / Ingoe, Helen / Kottam, Lucksy / Thomas, Michael / Rangan, Amar
EFORT2017-1832	Influence Of The Site Of Acromioplasty On The Critical Shoulder Angle (CSA)	Kaiser, Dominik / Bachmann, Elias / Gerber, Christian / Meyer, Dominik C.
EFORT2017-2207	Reverse Total Shoulder Arthroplasty In Rheumatoid Patients	Levy, Ofer / Witney-Lagen, Caroline / Fawzy, Ernest / Mazis, Georgios / Consigliere, Paolo / Tsvieli, Oren / Young, Lora / Pradhan, Riten / Sforza, Giuseppe / Bruguera, Juan / Atoun, Ehud

## Poster Walks – 2 June 2017

NR.	TITLE	AUTHORS
EFORT2017-2982	The Management Of The Long Head Of Biceps In Rotator Cuff Repair: Prospective Cohort Study Of High Vs. Subpectoral Tenodesis	Franceschetti, Edoardo / Palumbo, Alessio / Paciotti, Michele / Papalia, Rocco / La Verde, Luca / Rosa, Michele Attilio / Franceschi, Francesco / Spiezia, Filippo
EFORT2017-418	Tears Of The Supraspinatus Muscle Sutured With Added Mesenchymal Stem Cells	Hart, Radek

### Orthopaedics / Pelvis, Hip & Femur

Poster Walk 37: 13.15 – 14.45 / Moderator: Virolainen, Petri (Finland)

EFORT2017-1035	A Prospective Comparative Study On Two Different Short–Stem Hip Arthroplasties	Trieb, Klemens / Stadler, Nicola / Fiala, Rainer
EFORT2017-1052	Greatly Prevention Of Venous Thromboembolism With Calf Massage And Passive Ankle Motion In Total Hip Arthroplasty	Kimura, Takeshi / Funayama, Atsushi / Takada, Kazutaka / Fujie, Atsuhiko / Tanikawa, Hidenori / Fukuda, Kentaro / Nomoto, So
EFORT2017-1074	Lumbar Bone Density Affects Remodeling Around A Stem After Total Hip Arthroplasty	Takehashi, Hironori / Nishino, Tomofumi / Yoshizawa, Tomohiro / Mishima, Hajime / Yamazaki, Masashi
EFORT2017-1428	The Effects Of A Collar On Subsidence And Local Micromotion Of Cementless Femoral Stems	Rüdiger, Hannes A. / Malfroy Camine, Valérie / Pioletti, Dominique / Terrier, Alexandre
EFORT2017-196	The Use Of Tranexamic Acid In Elective Hip And Knee Arthroplasty	Gordon, Robin
EFORT2017-207	Is An Uncemented Short Metaphyseal Femoral Stem And An Advanced Dual Bearing Acetabular System Total Hip Replacement A Safe Alternative To Resurfacing Hip Replacement In Females? A Comparative Analysis	Rethnam, Ulfin / Woodnutt, David
EFORT2017-2191	Clinical Results With Short Stem Hip Arthroplasty Do Not Correlate With Imaging Results And Patient-Specific Factors	Neves, Pedro / Serrano, Pedro / Barreira, Pedro / Silva, Marta / Ramos, Joaquim / Coelho, Rafaela / Lemos, Rui
EFORT2017-2219	Evaluation Of A Grit-Blasted, Uncemented Femoral Stem In Young Patients In The Third Decade After Implantation	Giddie, Jasdeep / Alshameeri, Zeaid / Durst, Alexander / Matthew, Porteous / Atrey, Amit
EFORT2017-2366	Dislocation In THA After Hip Fracture: 28 Vs. 32 Mm Heads Using Posterior Approach With Piriformis Preservation	Zanotti, Gerardo / Slullitel, Pablo / Comba, Fernando / Buttarò, Martin / Piccaluga, Francisco
EFORT2017-3108	Long-Term Slooff Acetabular Reconstruction In Large Bone Defects	Marin-Peña, Oliver / Castel, Ana / Valles Purroy, Alfonso / Larrainzar Garijo, Ricardo

### Orthopaedics / Pelvis, Hip & Femur

Poster Walk 38: 13.15 – 14.45 / Moderator: Stöckl, Bernd (Austria)

EFORT2017-1350	Multi-State Analysis Of Elective Total Hip Replacement In Sweden	Cnudde, Peter / Rolfson, Ola / Mohaddes, Maziar / Timperley, A. John / Nemes, Szilard
EFORT2017-1969	Comparison Between A Fixed And Weighted Dose Of Tranexamic Acid In Primary Total Hip Arthroplasty	Meermans, Geert / Goorden, Esmeralda / Van Kollenburg, Jean-Paul / Rosenberg, Wout
EFORT2017-1978	Evaluation Of The Implementation Of A Tranexamic Acid Protocol In Primary Joint Arthroplasty	Meermans, Geert / Eijsboudts, Xander / Van Assche, Vanessa
EFORT2017-298	Results Of Hip Arthroplasty In Patients With Chronic Renal Failure On Dialysis	Lee, Sang Min / Suh, Kuen Tak

## Poster Walks – 2 June 2017

NR.	TITLE	AUTHORS
EFORT2017-368	Effect Of Spinal Fusion Surgery On Total Hip Arthroplasty (THA) Outcomes: A Matched Comparison Study	Jiang, Lei / Loh, Jing Loong Moses / Chong, Hwei Chi / Chia, Shi-Lu / Yeo, Seng Jin / Lo, Ngai Nung
EFORT2017-457	A Multi-Centre Prospective Continuous Series Of 551 Dual Mobility Cups In Primary Total Hip Arthroplasty At Minimum 2-Years Of Follow-Up	Ferreira, André / Prudhon, Jean Louis / Puch, Jean Marc / Descamps, Loÿs
EFORT2017-661	Three Dimensional Intramedullary Contact Patterns And Bone Reactions In Curved Short Stem	Nakata, Katsuya / Kitada, Makoto / Tamura, Satoru
EFORT2017-730	Comparison Of Direct Anterior, Lateral, Posterior And Posterior Two Incision Approaches In Total Hip Arthroplasty: Network Meta-Analysis	Putananon, Chinundorn / Tuchinda, Harit / Arirachakaran, Alisara / Kongtharvonskul, Jatupon
EFORT2017-870	Metal-On-Metal Hip Resurfacing Outcomes At A Minimum Follow-Up Of 10 Years: A Systematic Review	Moroni, Antonio / Miscione, Maria Teresa / Orsini, Riccardo / Micera, Giovanni / Acri, Francesco / Mosca, Salvatore / Sinapi, Fabrizio / Fabbri, Daniele
EFORT2017-995	Trends In The Patient Demographics, Socio-Economic Characteristics, Surgical Factors And Outcomes Between 1999-2012	Cnudde, Peter / Nemes, Szilard / Bülow, Erik / Timperley, A. John / Kärrholm, Johan / Malchau, Henrik / Garellick, Göran / Rolfson, Ola
<b>Orthopaedics / Knee Et Lower Leg</b>		
Poster Walk 39: 13.15 - 14.45 / Moderator: Kopf, Sebastian (Germany)		
EFORT2017-1672	Superficial Medial Collateral Ligament Reconstruction Using Peroneus Longus Tendon Autograft For Chronic Medial Knee Instability Combined With Cruciate Ligament Injuries: A New Technique To Recreate Tibia Anatomical Proximal And Distal Insertions	Chang, Chun Chien / Chang, Chih-Hung
EFORT2017-2099	Inter-Rater Reliability Of TT-TG Distance, And Threshold For Patellofemoral Instability Risk As Measured By MRI	Sirota, Michael / Anderson, Ashley / Vairo, Giampietro / Sherbondy, Paul
EFORT2017-2179	Non-Implant Medial Patellofemoral Ligament Reconstruction In Young Patients With Lateral Patellar Instability	Gerasimenko, Mikhail / Zhuk, Yauhen / Tratsiak, Stanislaw
EFORT2017-2445	Early Rehabilitation Is More Effective Without The Use Of A Tourniquet In Total Knee Arthroplasty	Ajnin, Serajdin / Thibaiahb, Mahesh
EFORT2017-2859	Gait Analysis And Clinical Outcomes: Factors Contributing To Patient Satisfaction 1 Year After Total Knee Arthroplasty	Bonnefoy-Mazure, Alice / Praplan, Guillaume / Favre, Thibault / Armand, Stéphane / Sagawa Junior, Yoshisama / Hannouche, Didier / Suva, Domizio / Turcot, Katia / Miozzari, Hermes / Lübbecke Wolff, Anne
EFORT2017-2988	Validation Of Patellar Height Measurements On Conventional Radiographs And MRI In Patients With Patellar Instability	Tscholl, Philippe / Bauer, David E. / Fucentese, Sandro F.
EFORT2017-3121	Does The Use Of Tourniquet In Total Knee Replacement Influence The Length Of Stay And Short-Term Outcome? Experience From A District General Hospital	Sunil Kumar, Karadi Hari / Mamarelis, Georgios / Goulding, Chris / Khan, Rashid
EFORT2017-400	2-Years Results Of MPFL Reconstruction Using A Strip Of Quadriceps Tendon	Obada, Bogdan / Serban, Alexandru / Zekra, Manar / Bajenescu, Titi / Alecu, Crina
EFORT2017-545	Pre-Operative Deformities Predispose To Post-Operative Malposition Of TKA Components, Even When Patient-Specific Cutting Blocks Are Used	León Muñoz, Vicente J.



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NR.	TITLE	AUTHORS
EFORT2017-782	The Impact Of Extreme Genu Varum And Genu Valgum On Post-Operative Outcomes Using Mini Subvastus Approach In TKA	Cretu, Bogdan Stefan / Dragosloveanu, Calin / Dragosloveanu, Serban / Stoian, Catalin / Andrei, Adrian / Stoica, Cristian Ioan

### Orthopaedics / Knee & Lower Leg

Poster Walk 40: 13.15 – 14.45 / Moderator: Saweeres, Emad Samuel Boles (Egypt)

EFORT2017-1240	Femoral Shaft Bowing In The Coronal Plane Has More Significant Effect On The Coronal Alignment Of TKA Than Proximal Or Distal Variations Of Femoral Shape	Kim, Jaeyoung / Bin, Seong-Il / Lee, Bum Sik / Oh, Sungmok
EFORT2017-175	An In Vivo Study On Isometry Of The Anterolateral Aspect Of The Knee	Kernkamp, Willem A. / Van De Velde, Samuel K. / Tsai, Tsung-Yuan / Van Arkel, Ewoud R.A. / Asnis, Peter D. / Nelissen, Rob G. H. H. / Laprade, Robert F. / Zarins, Bertram / Li, Guoan
EFORT2017-2016	Risk Factors For Chondral Lesions In Patellofemoral Instability	Trubrich, Angela / Volk, Janik / Reichel, Heiko / Kappe, Thomas
EFORT2017-2046	A Prospective Comparative Study Of Perioperative Intraarticular Administration Of A Novel Drug Combination For The Management Of Pain And Blood Loss After Total Knee Arthroplasty (TKA)	Stamatopoulos, Theodosios / Stamatopoulos, Alexandros / Kenanidis, Eustathios / Topalis, Christos / Potoupnis, Mike / Sayegh, Fares / Tsiridis, Eleftherios
EFORT2017-2349	The Sagittal Plane Patellofemoral Alignment In Patients With And Without Chondromalacia Patella	Aksahin, Ertugrul / Koken, Murat / Gunaydin, Elif / Pepe, Murad / Aktekin, Cem Nuri
EFORT2017-2610	Treatment Of Articular Cartilage Lesion Of The Knee Joint With A Modified AMIC Technique: 10-Years Follow-Up	Pascarella, Fabio / Di Salvatore, Mariano Giuseppe / Pezzella, Raffaele / Pascarella, Antonio
EFORT2017-2765	Complex Fractures Treated With EXOGEN, A Low Intensity Pulsed Ultrasound (LIPUS) Therapy	Boyle, Seamus / Moore, Joss / Athar, Mohammad
EFORT2017-2818	Retrospective Clinical Analysis Of The ACS (Advanced Coated System) Total Knee Arthroplasty (TKA) With A Minimum Follow-Up Of 10 Years	Fink, Andrea / Leitner, Lukas / Vielgut, Ines / Amerstorfer, Florian / Holzer, Lukas / Radl, Roman / Kastner, Norbert / Ehall, Reinhard / Leithner, Andreas / Sadoghi, Patrick
EFORT2017-362	Is It Possible To Predict The Results Of Arthroscopic Knee Synovectomy Using Magnetic Resonance Imaging, Ultrasound And Histologic Examination?	Makarov, Maxim / Lipina, Marina / Makarov, Sergey / Kolomacky, Vitaly / Roskidailo, Anastasiya / Pavlov, Vadim
EFORT2017-674	Kinematic Alignment Of Total Knee Arthroplasty In Asian Population	Woo, Yew Lok / Chen, Yong Qiang Jerry Delphi / Tan, Xin Yang / Wong, Joseph / Loh, Bryan / Yeo, Seng Jin

### Orthopaedics / Foot & Ankle

Poster Walk 41: 13.15 – 14.45 / Moderator: Carne, Andrew (United Kingdom)

EFORT2017-1155	Arthroscopic Treatment Of Osteochondral Lesion Of Talus Using Autologous Platelet-Rich Fibrin	Chen, Yan-Yu / Chu, Chia-Hung / Lee, Pei-Yuan
EFORT2017-1315	Complications Of Anterior And Posterior Ankle Arthroscopy. A Review Of Literature	Zekry, Medhat / Sweed, Tamer / Elgamal, Tarek
EFORT2017-1437	Effects Of Eccentric Training In The Treatment Of Chronic Midportion Achilles Tendinopathy	Betti, Emanuele / Gambini, Francesco / Celli, Fabio / Pedrinelli, Virginia

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NR.	TITLE	AUTHORS
EFORT2017-2499	The Role Of Posterior Ankle And Hindfoot Arthroscopy In Tumoral Pathology: Less Common Indications	Vacas Sánchez, Elena / Iglesias, Elvira / Ferrero, Jorge / Zorrilla Sanches De Neyra, Jaime / Sánchez-Morata, Enrique / Vilà-Rico, Jesús
EFORT2017-2509	Outcomes After Scarf And Chevron Osteotomies For Treatment Of Adult Hallux Valgus Deformity – Our Department Experience	Moura, João / Gomes, Maribel / Maia, Luis / Marta, Ricardo / Moreira, António
EFORT2017-2536	Outcomes Of Tibiotalocalcaneal Arthrodesis With An Intramedullary Nail: A Retrospective Study	Bradman, Hannah / Hazarika, Shariff
EFORT2017-2650	Tendoscopic Vs. Open Modified Das De Procedure For Recurrent Peroneal Tendon Dislocation	Ito, Naoya / Nishimura, Akinobu / Nakazora, Shigeto / Kato, Ko / Sudo, Akihiro
EFORT2017-2791	Radiographic Evaluation Of Arthroplasty Using The FINE Total Ankle System	Yano, Koichiro / Ikari, Katsunori
EFORT2017-2907	Naviculocuneiform Joints Arthrodesis	Gougoulas, Nikolaos / Lampridis, Vasileios
EFORT2017-839	Change Of Hallux Alignment After Metatarsal Shortening Osteotomy Of Lesser Toe Without Hallux Surgery For Rheumatoid Forefoot Deformity	Nampe, Akihide / Noguchi, Takaaki / Tsuji, Shigeyoshi / Akita, Shosuke / Tsuboi, Hideki / Nagayama, Yoshio / Hirao, Makoto / Hashimoto, Jun
Orthopaedics / Musculoskeletal Tumors		
Poster Walk 42: 13.15 – 14.45 / Moderator: Angelini, Andrea (Italy)		
EFORT2017-1671	Local Recurrence, Distant Metastasis, And Survival In Patients With Soft-Tissue Sarcoma (STS) After Curative Resection: A Multi-State Model	Posch, Florian / Leitner, Lukas / Stotz, Michael / Liegl-Atzwanger, Bernadette / Bezan, Angelika / Pichler, Martin / Gerger, Armin / Bergovec, Marko / Stoeger, Herbert / Leithner, Andreas / Szkandera, Joanna
EFORT2017-2119	Experience With Massive Allograft Combined With Total Knee Replacement In Patients With GCT Of The Distal Femur	Mikhailov, Ilkin / Berdes, Aleksey Igorevich
EFORT2017-2325	Surgical Treatment Of Extremity Ewing's Sarcoma	Funovics, Philipp Theodor / Weihs, Valerie / Panotopoulos, Joannis / Windhager, Reinhard
EFORT2017-2484	Correlation Between Imagiological And Histological Diagnosis Of Bone Tumors – A Retrospective Study	Salazar, Cristina / Almeida Santos, Sara / Torres, João / Pinto, Rui
EFORT2017-3137	Outcomes Of Customised Unicdylar Knee Endoprosthesis For Bone And Soft-Tissue Tumors	Wong, Janice / Parratt, Timothy / Aston, William / Pollock, Robert / Skinner, John / Cannon, Stephen R. / Briggs, Timothy
EFORT2017-3143	Can Ultrasound-Guided Nerve Block Be A Useful Method Of Anaesthesia For Tumor Surgery In The Foot And Ankle?	Oh, Byung Hak / Lee, Gi-Soo
EFORT2017-32	Vascularised Fibular Medialisation For Reconstruction Of The Tibial Defects Following Tumor Excision	Al-Negery, Abed / Elgeidi, Adham / Serry Abd-Ellatif, Mohammed / El Moghazy, Nabil
EFORT2017-489	The Proteasome Inhibitor Bortezomib Affected Chondrosarcoma Cells Via The Mitochondria-Caspase Dependent Pathway And Enhanced Death Receptor Expression And Autophagy	Lohberger, Birgit / Steinecker-Frohnwieser, Bibiane / Stündl, Nicole / Kaltenecker, Heike / Leithner, Andreas / Rinner, Beate
EFORT2017-56	Molecular Mechanisms Of IL6 Downregulation In Chondrosarcoma – Mass Spectral Analyses Of Protein DNA Complexes	Galoian, Karina / Luo, Shihua / Patel, Parthik

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EFORT2017-763	Clear Cell Sarcoma Of Soft-Tissue: Very Rare Tumor With A High Rate Of Local Recurrence And Metastasis	Millán, Angélica / Noguera Alonso, Laura / Trullols, Laura / Peiró, Ana / Gracia, Isidro

### Orthopaedics / Musculoskeletal Infections

Poster Walk 43: 13.15 – 14.45 / Moderator: Kirketerp-Møller, Klaus (Denmark)

EFORT2017-1119	The Combination Of Antibiotic Loaded Impaction Graft And Tantalum Augments For Acetabular Reconstruction In Single Stage Revision For Periprosthetic Infection	Ebied, Ahmed / Marei, Sameh / Ebied, Ayman Mohamed
EFORT2017-1885	Isolated Microorganisms From Allograft Femoral Head And Bone Chip Samples	Crnogaca, Kresimir / Bicanic, Goran / Delimar, Domagoj
EFORT2017-2247	The Role Of Sonication In Diagnostic Of Biofilm – Clinical Experience	Macias, Julia / Grajek, Aleksandra / Bialecki, Jerzy / Marczynski, Wojciech
EFORT2017-2320	Use Of Standardised Infection Ratio To Asses The Impact Of Preventive Measures In Total Hip Arthroplasty	Burgo, Federico / Mengelle, Diego / Quiros, Rodolfo / Autorino, Carlos
EFORT2017-2382	Vancomycin Use In Treatment Of Musculoskeletal Infection & Associated Bed Day Delays	Prasad, Ganesh / Davies-Jones, Gareth / Cockshott, Simon
EFORT2017-2825	Calcium-Based, Antibiotic-Loaded Bone Substitute As An Implant Coating: A Pilot Clinical Study	Logoluso, Nicola / Maraldi, Susanna / Gallazzi, Enrico / Drago, Lorenzo / Romanò, Carlo Luca
EFORT2017-2874	Role Of Sonication In Detection Of Orthopaedic Implant Infections – Single Centre Study	Kocjancic, Bostjan / Jeverica, Samo / Trampuz, Andrej / Avsec, Klemen / Dolinar, Drago
EFORT2017-3065	Evaluation Of Suppressive Antibiotherapy For Prosthetic Joint Infection In The Elderly	Menez, Clement / Kielwasser, Hugo / Faivre, Gregoire / Leroy, Joel / Leclerc, Gregoire / Sergent, Pauline
EFORT2017-3069	The Implementation Of Percutaneous Bone Biopsies In The Outpatients Setting And How It Has Changed Our Practice In Charcot Foot Patients With Deep Neuropathic Ulcers	Vris, Alexandros / Massa, Edward / Raad, Marjan / Bates, Maureen / Kavarthapu, Venu / Vas, Prasanth
EFORT2017-532	Is It Possible To Cost-Effectively Decrease Rate Of Infections After Total Hip Replacements?	Morawik, Iwona / Jablonski, Miroslaw

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General Topics / Biomechanics		
EFORT2017-1264	Effect Of High Demand Deep Knee Flexion On HXLPE Tibial Inserts	Quam, Ron / Mummert, Joseph / Herrera, Lizeth / Harrington, Melvyn / Parsley, Brian / Thakore, Mayur
EFORT2017-3101	Mechanical Stress Fatigue Testing And Cyclical Loading: A Comparison Between The Arthrex Tightrope® Implant And The Biomet Ziploop ToggleLoc® Fixation Device	Kabariti, Rakan / Lee, Paul
General Topics / Education		
EFORT2017-465	Post-Graduate Trauma & Orthopaedic Education: How Prepared And Trainable Are Our Junior Doctors?	Crosswell, Sebastien / Bolt, Alex
General Topics / Health Economy		
EFORT2017-1841	Rehabilitation Of Orthopaedic Torture Residuals In Refugees In Greece: Challenges, Limitations, Opportunities	Drakou, Androniki / Psifis, Markos / Lenti, Anna / Stathi, Marva / Haziri, Ioanna / Kotsioni, Ioanna / Kastrissianakis, Maria Artemis / Kokkiniotis, Emmanouil / Papachristou, Anastasia
EFORT2017-2218	National UK Practice Of Midstream Urine Testing Pre-Operatively For Elective Orthopaedics – Is It Worth The Resources?	Samuel, Katie / Lewis, Simon
General Topics / Quality Management		
EFORT2017-950	Introducing Electronic Operation Notes	Thakker, Dev / Berber, Our / Baskaran, Dinnish / Khan, Osman
General Topics / Systemic Disorders		
EFORT2017-2024	Rare Causes Of Chronic Compartment Syndrome	Das, Rishi / Jones, Louise / Gamble, David / O'Connor, David
Orthopaedics / Elbow & Forearm		
EFORT2017-1225	Pseudoaneurysm Of Brachial Artery: A Rare Cause Of Median Nerve Compression	Lobo, João / Negrão, Pedro / Cunha, Mariana
Orthopaedics / Foot & Ankle		
EFORT2017-2177	Base Osteotomy In The Treatment Of Moderate Hallux Valgus – Poscow Vs. Scarf Procedure	Andrei, Constantin-Adrian / Dragosloveanu, Calin / Dragosloveanu, Serban / Cretu, Bogdan Stefan / Stoian, Catalin / Stoica, Cristian Ioan
EFORT2017-2294	Autologous Chondrocyte Implantation In Osteochondral Defects Of The Talus: Up To 12-Years Follow-Up Study	Pradhan, Anup / Lever, Caroline / Makwana, Nilesh / Kuiper, Jan Herman / Roberts, Sally / Parker, Jane / Harrison, Paul / Laing, Patrick / Richardson, James
EFORT2017-3042	Progressive Valgus Deformity Of The Ankle	Abdel Mawla, Tamer / Abo Elnas, Bassam / Abdelnaby, Wail Lofty / Maaty, Medhat Tawfik
Orthopaedics / Knee & Lower Leg		
EFORT2017-111	Tunnel Widening After Single Vs. Double-Bundle Anterior Cruciate Ligament Reconstruction: A Randomised 8-Years Follow-Up Study	Beyaz, Salih / Güler, Ümit Özgür / Demir, Senay / Pehlivan, Selcen / Çinar, Bekir Murat / Özkoç, Gürkan / Akpınar, Sercan

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NR.	TITLE	AUTHORS
EFORT2017-1280	Curved Dilator System Has An Advantage Over Standard Reamer Regarding Tunnel Enlargement After Anterior Cruciate Ligament Reconstruction	Lee, Joon Kyu
EFORT2017-1292	Influence Of Weight Distribution And Quadriceps Force Symmetry On Patient Satisfaction After TKA	Van Onsem, Stefaan / Dhont, Sebastiaan / Zwaenepoel, Bert / Van Der Straeten, Catherine / Victor, Jan / Verstraete, Matthias
EFORT2017-1400	Is The Standard Utilisation Of 5° To 7° Of Distal Femoral Cut In Primary Uncomplicated Total Knee Arthroplasty (TKA) A Safe Procedure? Revision Of 115 Cases	Lopes, Miguel / Rosa, Joao / Couto, André / Ovidio, Joana / Ramos, Acacio / Sousa, João Paulo
EFORT2017-1450	MyKnee® Patient-Specific Instrumentation Improved Three-Dimensional Accuracy In Total Knee Arthroplasty	Pautzenberger, Leo / Brandl, Georg / Munz, Martin / Heuberger, Philipp / Laky, Brenda / Schwameis, Eva / Anderl, Werner
EFORT2017-1475	Occupational Exposure To Hand Arm Vibration During Total Knee Arthroplasty Amongst High Volume Surgeons	Mahmood, Fahd / Ferguson, Kim / Clarke, Jon / Macdonald, Duncan
EFORT2017-1533	Patellofemoral Instability, The Need For Personalised Surgical Care – Case Report	Queiros, Carlos / Oliveira, Filipa / Reais, Nuno / Teixeira, Joao / Tavares, Nuno
EFORT2017-1537	Patellar Angle And Implant Malrotation: More Than Work In Progress	Spinarelli, Antonio / Campagna, Caterina / Maccagnano, Giuseppe / Moretti, Biagio
EFORT2017-1569	Determining The Probability Of Achieving An Optimal Outcome For Prospective Total Knee Replacement Patients	Gunaratne, Rajitha / Khan, Riaz / Fick, Daniel / Haebich, Samantha / Smith, Anne
EFORT2017-1641	Prototype V-Tunnel Drill-Guide Can Improve Accuracy Of Bone Bridge Construction In MPFL Reconstruction Surgery; A Proof Of Concept Study	Van Duren, Bernard / Lebe, Moritz / Van Boxel, Gijsbert / Somashekar, Naresh
EFORT2017-1804	Prehabilitation Using A Novel, Mobile Application Reduces Length Of Stay In Patients Undergoing Primary Total Knee Arthroplasty	Bogue, Emily / Twiggs, Joshua / Liu, David
EFORT2017-1815	A Retrospective Comparative Study Of Different Methods Of Blood Management In Primary Total Knee Replacement	Pappa, Eleni / Chountas, George / Vergados, Nikolaos / Spiridakis, Emmanouil / Sourmelis, Savas
EFORT2017-1927	Does Unicompartmental Knee Arthroplasty Anterior Cruciate Ligament Reconstruction Combined Surgery Increase Post-Operative Bleeding?	Unal, Meric
EFORT2017-199	Prognostic Factor Of The Pyogenic Arthritis Of The Knee	Choi, Euisung / Yang, Jaeyoung / Sangwoo, Kang
EFORT2017-1991	A Simple Protocol To Stratify High Pulmonary Risk Total Joint Arthroplasty Patients And Reduce Complications	Duque, Andres / Orozco, Fabio / Post, Zachary / Lutz, Rex / Ong, Alvin
EFORT2017-2023	Long-Term Outcomes Of Operative Vs. Non-Operative Treatment Of Anterior Cruciate Ligament Rupture: A Framework Analysis	Boutefnouchet, Tarek / Mathur, Keshav
EFORT2017-2029	When Does The Knee Feel Normal Again? A Cross-Sectional Study Assessing The Forgotten Joint Score In Patients Following Total Knee Arthroplasty	Carlson, Victor / Post, Zachary / Orozco, Fabio / Sodhi, Nipun / Boyle, Peter / Ong, Alvin
EFORT2017-2526	Survivorship Of Metaphyseal Sleeves In Revision Total Knee Arthroplasty	De Martino, Ivan / Goldenberg, Brandon / Nocon, Allina / Sculco, Thomas / Bostrom, Mathias / Sculco, Peter
EFORT2017-2757	Carboplasty – A Novel Stem Cell Approach For Managing Subchondral Bone Edema In Knee Osteoarthritis	Vad, Vijay / Barve, Raghav / Carroll, Kaitlin / Proner, Robert

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NR.	TITLE	AUTHORS
EFORT2017-2801	Health-Related Quality Of Life After Knee Arthroplasty Following An Outpatient Surgery Pathway: An Observational Comparative Case Study	Bemelmans, Yoerie / Kort, Nanne / Schotanus, Martijn
EFORT2017-2815	Influence Of Intramedullary Vs. Extramedullary Alignment Guides On Primary Total Knee Arthroplasty Tibial Component Position	Krishnamoorthy, Sridhar / Dhanarajan, Gokulraj
EFORT2017-2976	Complications After Total Knee Replacement In Relation To Year Seasonality	Costantini, Julian / Nicolino, Tomas / Lotti, Francisco / Bruchmann, Guillermina / Astoul, Juan / Carbo, Lisandro / Sancineto, Carlos
EFORT2017-354	The Effect Of A Tourniquet On Intraoperative Soft-Tissue Balance In CAS Total Knee Arthroplasty	Wangwittayakul, Visit / Chotanaphuti, Thanainit / Khuangsirikul, Saradej / Trakulngernthai, Songpol
EFORT2017-421	The Efficacy Of New Total Knee Arthroplasty Rehabilitation Protocol For Good Range Of Motion In Post-Operative Early Period	Nishikawa, Masataka / Koizumi, Kota / Owaki, Hajime / Fuji, Takeshi / Nakata, Katsuya
EFORT2017-432	Analysis Of Adequate Knee Flexion Angle For Femoral Tunnel Creation Using Transtibial Technique To Reduce Femoral Graft Bending Angle In Anatomical ACL Reconstruction	Tomihara, Tomohiro / Shimada, Nagakazu
EFORT2017-469	The Low Contact Stress Rotating Platform Total Knee Replacement Has A Low Rate Of Revision For Osteolysis: 1,058 Implants With A Minimum Of 10-Years Follow-Up	Makaram, Navnit / Clement, Nicholas / Hoo, Teng / Nutton, Richard / Burnett, Richard
EFORT2017-485	Complications After Minimally Invasive Unicompartmental Knee Arthroplasty – A Single Institution Study	Kim, Kyung-Tae / Lee, Song
EFORT2017-494	Clinical, MRI & Arthroscopic Correlation In Meniscal Injuries Of The Knee	Husain, Parvez / Loeffler, Mark
EFORT2017-547	The Effect Of Tibial Posterior Slope In Total Knee Arthroplasty By Computer-Assisted Navigation	Ruengsinuwit, Panithan
EFORT2017-642	Routine Perioperative Pregabalin Is Not Useful In Total Knee Arthroplasty	Yik, Jing Hui / Tham, Wei Yang Wilson / Krishna, Lingaraj
EFORT2017-651	Pain Management After Total Knee Arthroplasty	Spinarelli, Antonio / Solarino, Giuseppe / Maccagnano, Giuseppe / Moretti, Biagio
EFORT2017-739	Influence Of Posterior Condylar Offset On Knee Flexion After TKR Surgery	Feranec, Martin
EFORT2017-749	Lower Tourniquet Cuff Pressure Reduces Post-Operative Thigh Pain In Obese Patients Undergoing Total Knee Arthroplasty: A Prospective Randomised Controlled Study	Png, Wenxian / Lee, Wu Chean / Tan, Mann Hong
EFORT2017-826	The RAPT And The CAS Are Useful Measures To Predict Discharge Destination Of Patients Undergoing Primary Knee Replacement	Pereira, Luis Carlos / Gkagkalis, Georgios / Luthi, François / Lécureux, Estelle / Jolles, Brigitte M
EFORT2017-966	Does The Severity Or Cause Of Pre-Operative Stiffness Affect The Clinical Results And Range Of Motion After Total Knee Arthroplasty?	Song, Min Kyu / Chang, Chong Bum / Chang, Moon Jong / Yoon, Chan / Shin, Jae-Hoon / Kim, Su Jin / Choi, Su Hee / Song, Yu Jin / Won, Sung Yeon / Shim, Hanna / Cho, Suk-Hyun / Kang, Seung-Baik

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<b>Orthopaedics / Musculoskeletal Infections</b>		
EFORT2017-1064	<b>A Rare Pathology: Non-Vertebral Hydatidosis In Bone</b>	Estella, Ruben / Garcia-Alvarez, Felicitó / Albareda, Jorge
EFORT2017-1988	<b>Two-Stage Exchange Surgery Plus Extended Oral Combined Antibiotics In 40 Patients: Low Relapse And Orthopaedic Results Of Original Series After More Than 10-Years Follow-Up</b>	Cordero Ampuero, José / Garcia-Rey, Eduardo / Esteban, Jaime
EFORT2017-2356	<b>Metal-On-Polyethylene Spacers In Two-Stage Revision Of Infected Knee Arthroplasty</b>	Balato, Giovanni / Franceschini, Vincenzo / Lamberti, Alfredo / Ascione, Tiziana / Baldini, Andrea
EFORT2017-2518	<b>Osteomyelitis After Distal Tibial Exposed Fracture: Management With The Induced Membrane Technique</b>	Direito Santos, Bruno / Costa, André / Barros, Cecília / Ribeiro, Elisabete / França, Guilherme / Ribeiro, Juvenália / Rodrigues, Luís Filipe / Vieira Da Silva, Manuel
EFORT2017-2630	<b>Septic Arthritis And Pyogenic Baker's Cyst Simultaneously After ACL Reconstruction: A Very Rare Case Report</b>	Kyriakopoulos, Christos / Fotoniatis, Ioannis / Alexiadis, George / Kanata, Stefania
EFORT2017-2755	<b>Performing TKA Without Tourniquet And Without Post-Operative Drain Dramatically Increases Post-Operative Infection Rate</b>	Ovnic, Stanislav / Bricman, Ivo / Merkac, Jakob
EFORT2017-3086	<b>Epidural Abscesses In Healthy Individuals, Do They Exist? Analysis Of Three Cases In A Tertiary Referral Centre Over A 10-Years Period And Review Of The Literature</b>	Fahey, Laura / Jadaan, Mutaz
<b>Orthopaedics / Musculoskeletal Tumors</b>		
EFORT2017-1145	<b>An Unusual Presentation Of Trevers' Disease At The Ankle Joint</b>	Uygur, Esat / Demiroglu, Murat / Akpınar, Fuat / Kilic, Bülent / Özkan, Korhan
EFORT2017-1862	<b>A Case Of Unusual Metastasis From A Rather Common Carcinoma</b>	Athar, M. Sajjad / Ashwood, Neil / Galanopoulos, Ilias
EFORT2017-711	<b>Liposarcoma – The Experience Of A Reference Centre</b>	Esteves, João / Barros, Luis / Silva, Marta / Neves, Pedro / Oliveira, Vania / Cardoso, Pedro
<b>Orthopaedics / Paediatric Orthopaedics</b>		
EFORT2017-2277	<b>The Evaluation Of Spasticity With Elastography And Establishing A Treatment Algorithm In Children With Hemiparesic Cerebral Palsy</b>	Görgün, Baris / Inan, Muharrem / Dikici, Atilla Süleyman / Kantarci, Fatih / Botanlioglu, Hüseyin
EFORT2017-2494	<b>Complications Of Three Different Methods Of Temporary Hemiepiphysiodesis For Paediatric Frontal Knee Deformities Treatment: Meta-Analysis</b>	Iershov, Dmytro / Rokutov, Viktor / Khmyzov, Sergiy
EFORT2017-2533	<b>Severe Kyphoscoliosis In A Case Of Neurofibromatosis – A Successful Case Of Treatment</b>	Campos, Pedro / Vital Batista, Mafalda / Escobar, Marina / Arcângelo, Joana / Grenho, André / Jordão, Pedro / Campagnolo, João / Mineiro, Jorge
<b>Orthopaedics / Pelvis, Hip &amp; Femur</b>		
EFORT2017-1006	<b>Relationship Between Impingement After Total Hip Arthroplasty And Clinical Outcomes</b>	Horigome, Yoji / Ito, Tomoyuki / Kitahara, Hiroshi / Minato, Izumi / Endo, Naoto
EFORT2017-1157	<b>Trabecular Metal Cups For Acetabular Revision Arthroplasty. Survivorship And Clinical Outcomes</b>	Capurro Soler, Bruno / Sala Pujals, Aleix / Mari Molina, Raquel / Tey Pons, Marc / Leon Garcia, Alfonso / Marques Lopez, Fernando

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Industry Partners  
EFORT 2017



OFFICIAL TRANSPORTER

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Global Trade Fairs & Events



# Session Overview

## INDUSTRY SYMPOSIUM

Session Title	Organisers/Moderators	Category	Room	Time
<b>31 May 2017</b>				
Infection Management In High-Risk Trauma Patients	Raschke, Michael	● DePuy Synthes	Brussels	13.00-14.30
Clinical Trials Of Cell And Gene Therapy For Knee Osteoarthritis	Lee, Bumsup	● Kolon Life Science	Madrid	13.00-14.30
Achieving More With Osteobiologics And Modern Surgical Approaches In Regenerative Medicine	Alt, Volker	● Medtronic International Trading Sarl	Helsinki	13.00-14.30
From Periprosthetic To Interprosthetic Fractures: The Challenges	Kanakaris, Nikolaos	● Zimmer Biomet	Munich	13.00-14.30
PROMs And Clinical Results In THA - What's The Influence Of The Surgical Approach		● Smith & Nephew	Florence	13.00-14.30
<b>1 June 2017</b>				
Hip & Knee Symposium: Conservative Revision Of The Hip & Proof Behind Patients Satisfaction In the Knee		● DePuy Synthes	Brussels	13.15-14.45
Hip Revision Redefined	Epinette, Jean	● Stryker	Madrid	13.15-14.45
Ceramtec Industry Symposium	Stöckl, Bernd	● Ceramtec	Helsinki	13.15-14.45
The Importance Of Post-Operative Pain Management After Sports Injuries	Kjaersgaard-Andersen, Per	● Grünenthal	Florence	13.15-14.45
A New Oral Fixed Dose Combination For A Comprehensive Multimodal Management Of Acute Pain	Macheras, George	● Menarini	Barcelona	13.15-14.45
Trabecular Metal Technology - Solving Complex Problems For 20 Years	Manktelow, Andrew / Gehrke, Thorsten	● Zimmer	Munich	13.15-14.45
Hip Revision: Special Surgery Or Everyday Life?	Benazzo, Francesco	● Lima Corporate	Berlin	13.15-14.45
Managing Complex Trauma And Arthroplasty Procedures Using Novel Technologies		● Acelity	Copenhagen	13.15-14.45
Current Challenges In Joint Arthroplasty And Possible Solutions	Niemeier, Andreas	● Mathys Ltd Bettlach	Istanbul	13.15-14.45
Dual Mobility Quattro - New Approach Of A Consolidated Experience	Caton, Jacques-Henri	● Groupe Lépine	Nice	13.15-14.45
Arthroplasty In An Aging Population - Can We Improve Infection Prevention?	Hailer, Nils P.	● Heraeus	Geneva	13.15-14.45
<b>2 June 2017</b>				
MyOsteotomy - The Most Comprehensive System For Corrective Osteotomies Of The Musculoskeletal System	Fürnstahl, Philipp	● Balgrist Card	Istanbul	13.15-14.45

Wednesday  
31 May

13:00 – 14:30

## Zimmer Biomet



<b>INDUSTRY SYMPOSIUM</b> 13.00-14.30	<b>FROM PERIPROTHETIC TO INTERPROTHETIC FRACTURES: THE CHALLENGES</b> Moderator: Kanakaris, Nikolaos (United Kingdom)	Room Munich
	The Challenges Using Cables Speaker: Kanakaris, Nikolaos (United Kingdom)	
	Treating Interprosthetic Fractures In The Elderly Speaker: Biberthaler, Peter (Germany)	
	When To Do Revision Surgery: The Theory And The Practice Speaker: Marques Lopez, Fernando (Spain)	
	My Worst Periprosthetic Case Speaker: Caba-Doussoux, Pedro (Spain)	
	Discussion	

## DePuy Synthes



<b>INDUSTRY SYMPOSIUM</b> 13.00-14.30	<b>INFECTION MANAGEMENT IN HIGH-RISK TRAUMA PATIENTS</b> Moderator: Raschke, Michael (Germany)	Room Brussels
	The Diamond Concept Speaker: Giannoudis, Peter (United Kingdom)	
	Risk Factor Analysis In Trauma Patients Speaker: Verhofstad, Michiel (Netherlands, The)	
	PROtect Technology - Implant Related Innovation In Infection Management Speaker: Schmidmaier, Gerhard (Germany)	
	Clinical Experience With Expert Tibia Nail PROtect Speaker: Raschke, Michael (Germany)	
	Discussion	

## Kolon Life Science



<b>INDUSTRY SYMPOSIUM</b> 13.00-14.30	<b>CLINICAL TRIALS OF CELL AND GENE THERAPY FOR KNEE OSTEOARTHRITIS</b> Moderator: Lee, Bumsup (United States)	Room Madrid
	Background Of Cell And Gene Therapy For Knee Osteoarthritis Speaker: Lee, Bumsup (United States)	
	Results Of Clinical Trials In South Korea Speaker: Lee, Myung Chul (South Korea)	
	Results Of Clinical Trials In The US Speaker: Parvizi, Javad (United States)	

Wednesday  
31 May

13:00 – 14:30

Application Of Biomarkers In The Development Of DMOADs  
Speaker: Karsdal, Morten (Denmark)

Discussion  
Speaker: Lee, Bumsup (United States)

## Medtronic International Trading Sarl

**Medtronic**  
Further, Together

INDUSTRY SYMPOSIUM    ACHIEVING MORE WITH OSTEOBIOLOGICS AND MODERN SURGICAL APPROACHES IN REGENERATIVE MEDICINE    Room Helsinki

13.00-14.30    Moderator: Alt, Volker (Germany)

Lower Extremities Fractures – Treatment, Pitfalls And Complications  
Speaker: Alt, Volker (Germany)

Open Tibia Fracture Management: Can We Reduce The Reintervention Rates?  
Speaker: Giannoudis, Peter (United Kingdom)

Modern Surgical Techniques In Orthopaedics: When, Where And Why  
Speaker: TBA, still to confirm (Switzerland)

Discussion

## Smith & Nephew

 **smith&nephew**

INDUSTRY SYMPOSIUM    PROMS AND CLINICAL RESULTS IN THA – WHAT'S THE INFLUENCE OF THE SURGICAL APPROACH    Room Florence

13.00-14.30

Speaker: Leunig, Michael (Switzerland)

Speaker: Roberts, P. (United Kingdom)

Speaker: Willburger, Roland (Germany)

Thursday  
1 June

13:15 – 14:45

## Zimmer Biomet



**INDUSTRY SYMPOSIUM** 13.15–14.45  
**TRABECULAR METAL TECHNOLOGY – SOLVING COMPLEX PROBLEMS FOR 20 YEARS** Room Munich  
Moderators: Manktelow, Andrew (United Kingdom), Gehrke, Thorsten (Germany)

How Trabecular Metal Has Influenced My Practice  
Speaker: Manktelow, Andrew (United Kingdom)

Case Study  
Speaker: Gehrke, Thorsten (Germany)

Case Study  
Speaker: Jones, Stephen (United Kingdom)

Case Study  
Speaker: Baldini, Andrea (Italy)

Case Study  
Speaker: Manktelow, Andrew (United Kingdom)

Discussion

## Menarini



**INDUSTRY SYMPOSIUM** 13.15–14.45  
**A NEW ORAL FIXED DOSE COMBINATION FOR A COMPREHENSIVE MULTIMODAL MANAGEMENT OF ACUTE PAIN** Room Barcelona  
Moderator: Macheras, George (Greece)

Acute Pain In Orthopaedic Setting: Is It Still An Open Issue?  
Speaker: Zagra, Luigi (Italy)

A Step Towards An Effective Pain Relief Thanks To Multimodal Analgesia  
Speaker: Hanna, Magdi (United Kingdom)

Fixed Dose Combination Dexketoprofen–Tramadol: A New Ally To Manage Moderate To Severe Acute Pain  
Speaker: Macheras, George (Greece)

Discussion

## DePuy Synthes



**INDUSTRY SYMPOSIUM** 13.15–14.45  
**HIP & KNEE SYMPOSIUM: CONSERVATIVE REVISION OF THE HIP & PROOF BEHIND PATIENTS SATISFACTION IN THE KNEE** Room Brussels

Conservative Revision Of The Hip

The Concept Of Conservative Revision  
Speaker: Young, Steve (United Kingdom)

A Conservative Approach To The Femur  
Speaker: Bonnin, Michel (France)

Thursday  
1 June

13:15 - 14.45

Design Series Results

Speaker: Bonnin, Michel (France)

Non-Design Series Results And The Restoration Of Biomechanics

Speaker: Young, Steve (United Kingdom)

Questions And Answers

Proving The Promise With Attune

The Promise

Speaker: Hirschmann, Michael Tobias (Switzerland)

The Promise

Speaker: James, Peter (United Kingdom)

The Proof

Speaker: Brenkel, Ivan (United Kingdom)

Questions And Answers

Stryker

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INDUSTRY  
SYMPOSIUM  
13.15-14.45

HIP REVISION REDEFINED

Moderator: Epinette, Jean (France)

Room Madrid

Restoring The Centre Of Rotation With A New Cementless Hip Revision Cup Design

Speaker: Anagnostakos, Konstantinos (Germany)

Long Time Experience With A Modular Cementless Hip Revision Stem

Speaker: Pignatti, Giovanni (Italy)

The Advantage Of A Modular Dual Mobility System In Hip Revision

Speaker: Epinette, Jean (France)

Discussion

Ceramtec

**CeramTec**  
THE CERAMIC EXPERTS

INDUSTRY  
SYMPOSIUM  
13.15-14.45

CERAMTEC INDUSTRY SYMPOSIUM

Moderator: Stöckl, Bernd (Austria)

Room Helsinki

Mix Und Match/ Konusfixation

Speaker: Morlock, Michael M. (Germany)

PJI

Speaker: Gehrke, Thorsten (Germany)

Revision

Speaker: Wirtz, Dieter Christian (Germany)

CoC

Healthcare Economics

Speaker: Streicher, Robert (Switzerland)

Discussion

INDUSTRY SYMPOSIA &  
EXHIBITION

Thursday  
1 June

13:15 – 14.45

## Grünenthal



<b>INDUSTRY SYMPOSIUM</b> 13.15-14.45	<b>THE IMPORTANCE OF POST-OPERATIVE PAIN MANAGEMENT AFTER SPORTS INJURIES</b> Moderator: Kjaersgaard-Andersen, Per (Denmark) Principles Of Appropriate Pain Management After Surgery Due To Sports Injuries Speaker: Kjaersgaard-Andersen, Per (Denmark) Pain And Recovery - What Do We Know From THA And TKA Speaker: Kehlet, Henrik (Denmark) What Is In There For The Orthopaedic Surgeon? Introducing An Awareness Campaign On Post-Operative Pain Management Speaker: Cáceres Palou, Enric (Spain) Discussion	Room Florence
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## Groupe Lepine



<b>INDUSTRY SYMPOSIUM</b> 13.15-14.45	<b>DUAL MOBILITY QUATTRO – NEW APPROACH OF A CONSOLIDATED EXPERIENCE</b> Moderator: Caton, Jacques-Henri (France) The Falsehoods Of Dual Mobility Speaker: Prudhon, Jean Louis (France) Dual Mobility For Double Wear? Speaker: Aslanian, Thierry (France) The QUATTRO Register: A Tool Adaptated For Monitoring Speaker: Puch, Jean Marc (France) Managing Conflicts Through Dual Mobility Speaker: Ferreira, André (France) Dual Mobility And Anterior Approach Without Specific Table Speaker: Lustig, Sébastien (France) QUATTRO: Added Value Of The Technological Developments Speaker: Aslanian, Thierry (France) Conclusion Speaker: Ferreira, André (France) Discussion	Room Nice
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Thursday  
1 June

13:15 - 14.45

## Heraeus



INDUSTRY SYMPOSIUM 13.15-14.45	ARTHROPLASTY IN AN AGING POPULATION – CAN WE IMPROVE INFECTION PREVENTION? Moderator: Hailer, Nils P. (Sweden)	Room Geneva
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Epidemiology And Risk Factors For Infection In The Aging Population – The Surgeon's Perspective  
Speaker: Hailer, Nils P. (Sweden)

Prevention And Treatment Of PJI: The Role Of Systemic And Local Antibiotics  
Speaker: Trampuz, Andrej (Germany)

High Dose Dual Antibiotic Bone Cement In Hip Hemiarthroplasty: The Northumbria Experience  
Speaker: Reed, Mike R. (United Kingdom)

Discussion

## Lima Corporate



INDUSTRY SYMPOSIUM 13.15-14.45	HIP REVISION: SPECIAL SURGERY OR EVERYDAY LIFE? Moderator: Benazzo, Francesco (Italy)	Room Berlin
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Periprosthetic Fractures: From Acetabulum To Proximal And Distal Femur  
Speaker: Tsiridis, Eleftherios (Greece)

Acetabular Revision  
Speaker: Waters, Timothy Simon (United Kingdom)

Femoral Revision  
Speaker: Benazzo, Francesco (Italy)

Custom Made Implants  
Speaker: Hart, Alister (United Kingdom)

Infection Management  
Speaker: Winkler, Heinz (Austria)

Discussion

## Acelity



INDUSTRY SYMPOSIUM 13.15-14.45	MANAGING COMPLEX TRAUMA AND ARTHROPLASTY PROCEDURES USING NOVEL TECHNOLOGIES	Room Copenhagen
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Thursday  
1 June

13:15 – 14:45

Mathys Ltd Bettlach



INDUSTRY  
SYMPOSIUM  
13.15-14.45

CURRENT CHALLENGES IN JOINT ARTHROPLASTY AND POSSIBLE SOLUTIONS  
Moderator: Niemeier, Andreas (Germany)

Room Istanbul

Overview: Why Is Reconstruction Of The Individual Anatomy Important In Hip Arthroplasty?  
Speaker: Niemeier, Andreas (Germany)

Bone Preservation: A Solution For Individual Reconstruction Of The Patients Anatomy  
Speaker: Stoffel, Karl (Switzerland)



Friday  
2 June

13:15 - 14:45

## Balgrist CARD AG (and Medacta SA)



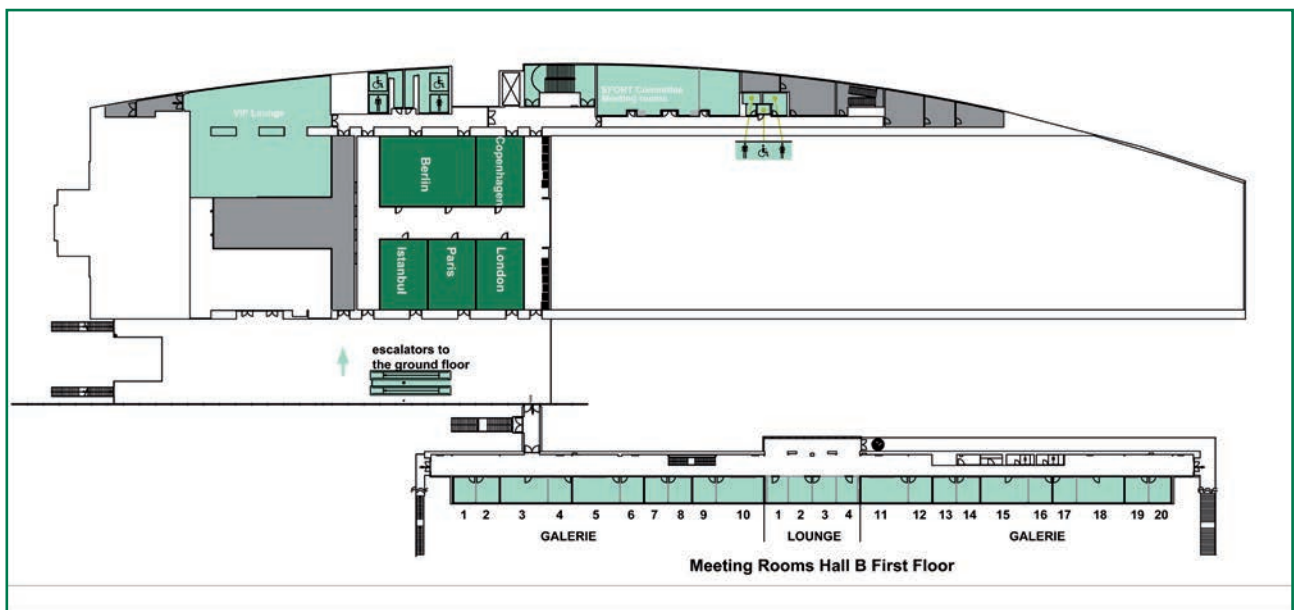
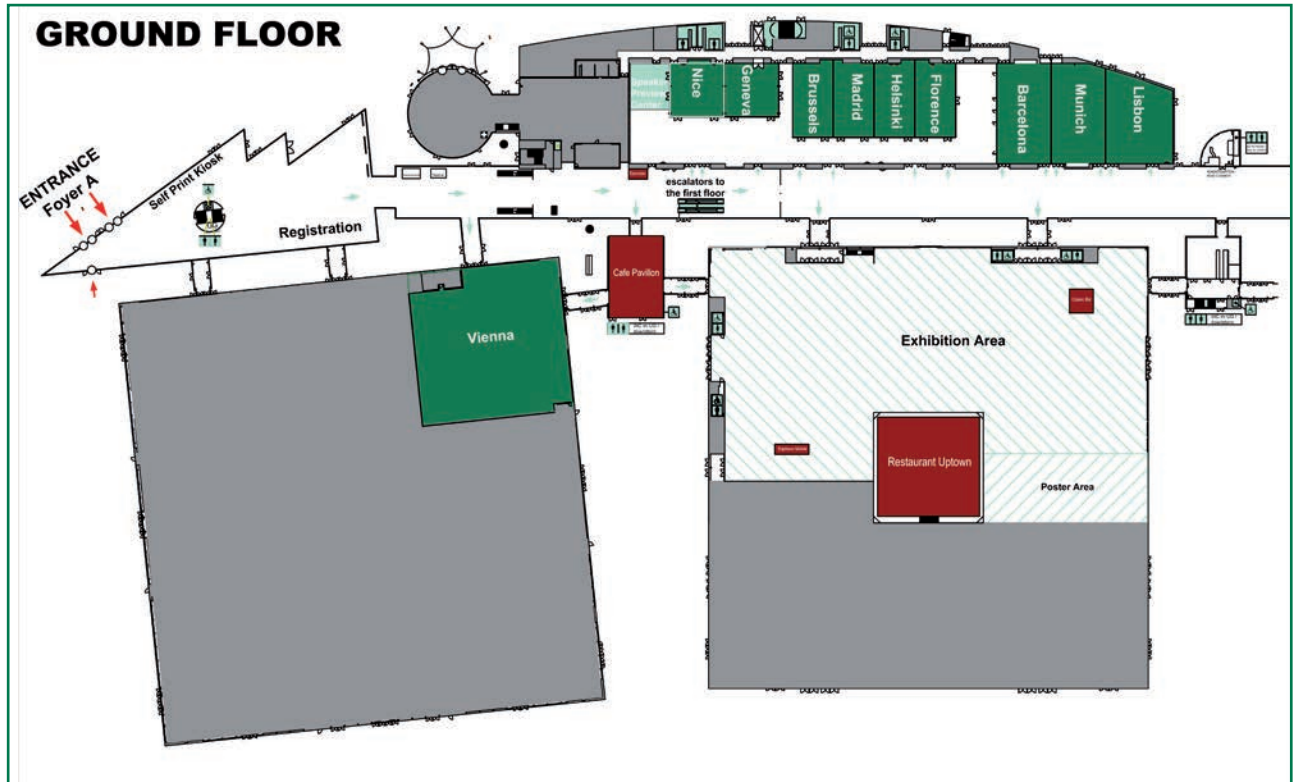
INDUSTRY SYMPOSIUM	MYOSTEOTOMY - THE MOST COMPREHENSIVE SYSTEM FOR CORRECTIVE OSTEOTOMIES OF THE MUSCULOSKELETAL SYSTEM	Room Istanbul
13.15-14.45	Moderator: Fürnstahl, Philipp (Switzerland)	
	Application Of Myosteotomy In Complex Tibial And Femoral Deformities Speaker: Fucentese, Sandro F. (Switzerland)	
	Corrective Osteotomies Of The Upper Extremity With MyOsteotomy In More Than 250 Cases Speaker: Schweizer, Andreas (Switzerland)	
	Discussion	

# Exhibitors List

Company name	No.	Company name	No.	Company name	No.	Company name	No.
3D Systems	F-33	DIZG Deutsches Institut für Zell- und Gewebeersatz	F-51	Medacta International	B-01	Shanghai Bojin Electric Instrument & Device Co Ltd	A-02
7's Medical	B-43	Musculoskeletal Transplant Foundation (MTF)		Medartis	E-09	Shanghai Kinetic Medical Co Ltd	D-45
AAOS	D-20	Dot GmbH	F-01	Medgal sp z.o.o	F-19	Shanghai UEG international Co Ltd	F-15
aap impantate AG	F-05	EBJIS	F-62	Medi GmbH	B-19	SICOT	A-11
Acelity	G-03	EFAS	D-25	MediCAD Hectec GmbH	G-01	Siemens Healthcare GmbH	C-03
Adler Ortho srl	B-26	EFORT	A-21	Medtronic International Trading Sarl	B-37	Smith & Nephew Orthopaedics AG	H-04
AK Medical (Beijing)	E-02	Egyptian Orthopaedic Association (Guest Nation)	D-13	Menarini	D-21	SMTF Technology Co Ltd	C-17
Albomed GmbH	B-02	EHS European Hip Society	D-28	Merete GmbH	A-03	SOFCOT	C-43
Amplitude Ortho	B-08	EOS Imaging	E-07	Microport	E-05	Springer Nature	C-21
Anika Therapeutics	B-21	EPOS (European Pediatric thopaedic Society)	F-83	Mizuho OSI	B-33	Stars Medical Devices Co Ltd	C-18
AO Foundation	C-23	ESSKA	F-81	MPS Micro Precision Systems AG	F-17	Stryker European Operations B.V.	B-42
Apex Tools	F-45	Estar Medical	D-39	Musculoskeletal Transplant Foundation (MTF) DIZG Deutsches Institut für Zell- und Gewebeersatz	F-51	Surgimaster Surgical Co Ltd	F-37
Arthrex GmbH	A-09	Eurocoating Spa	B-09	Naton Medical Group	B-29	SLACK Publishers	F-79
Astrolabe Medical	F-65	Exactech International operation AG	B-15	Naviswiss Ag	F-54	Suzhou Sunan Zimmered Medical	G-07
Auxein Medical PVT Ltd	C-07	Exactech International operation AG	B-15	Newclip Technics	C-10	Instrument Co Ltd	
Axial3D Limited	F-39	F-Colombo Srl	F-55	NORE	D-36	Suzhou YouBetter medical	F-53
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## Venue Floor Plan



# General Congress Information



<b>Congress Venue</b>	Messe Wien Exhibition & Congress Center Messeplatz 1 Postfach 277 1021 Vienna Austria
<b>General Organisation</b>	Office EFORT Head Office Address ZA La Pièce 2 1180 Rolle, Switzerland Phone +41 21 343 4400 Fax +41 21 343 4411 E-mail <a href="mailto:event@efort.org">event@efort.org</a> Internet <a href="http://www.efort.org">www.efort.org</a>
<b>Professional Congress Organisation</b>	Office MCI Deutschland GmbH MCI   Germany – Berlin Address Markgrafenstraße 5610117 Berlin Phone +49 30 20 45 90 Fax +49 30 20 45 950 E-mail <a href="mailto:EFORT@mci-group.com">EFORT@mci-group.com</a>
<b>Registration desk opening hours</b>	The registration and information desks will be located in the main entrance hall. Tuesday, 30 May from 14.00 to 18.00 Wednesday, 31 May from 07.00 to 18.00 Thursday, 01 June from 07.00 to 18.00 Friday, 02 June from 07.00 to 18.30
<b>Registration fee for participants includes</b>	Admission to scientific sessions and industry symposia Congress bags with Congress documents Opening/ Award Ceremony Admission to the industry exhibition European CME credits Certificate of attendance

# General Congress Information

## Registration fee for participants in the CRC includes

Admission to the full-day CRC course on 02 June 2017  
Admission to the industry exhibition (day of CRC course only)  
Congress bag with numerous congress documents  
Lunch package  
Certificate of attendance

Participants with a CRC ticket are not granted access to other scientific sessions running on the same day.

More details at: [www.efort.org/vienna2017](http://www.efort.org/vienna2017)

## Registration fee does not include

Lunch and refreshments  
Hotel costs

## Speaker Preview Centre opening hours

Tuesday, 30 May	from 14.00 to 18.00
Wednesday, 31 May	from 07.00 to 18.00
Thursday, 01 June	from 07.00 to 18.00
Friday, 02 June	from 07.00 to 18.00

## Abstracts

The abstracts are available on EFORTnet, the Orthopaedics & Traumatology Community Platform. [www.efort.org](http://www.efort.org)

## Badges

All delegates and guest will receive a name badge at the registration desk. The badge will be the official meeting document and should be worn at all times in order to gain entry into the meeting rooms and exhibition halls. With a delegate's badge, participation will be granted into the scientific programme. Admission to the congress will not be allowed without badge identification. Vouchers for courses and workshops that have been booked will be handed out with the registration material.

## Bank services

Banks are open from Monday to Friday, usually from 09:00 am to 06:00 pm. Branch opening times differ from place to place. Most ATMs (cash machines) can be accessed 24 hours a day.

Outside of the premises at the airport:

- 13 ATM machines, accessible to the public
- 10 ATM machines, accessible for passengers only
- 6 "Interchange" exchange offices (2 open to public, 4 accessible for passengers only): international currency exchange
- "Erste Bank" open to public on Wednesday 08:30 AM – 03:00 PM
- "Raiffeisenbank" open to public

All major credit cards are accepted widely, but not everywhere. If in doubt, ask in advance. Cash-on-card services are available from selected American Express, Diners Club, MasterCard and VisaCard addresses. These cards are also mostly accepted by all GWK currency exchange outlets and Change Express Offices.

## Certificate of attendance

All registered attendees, whether they register in advance or on site, will receive a certificate of attendance on-site. The personal certificate of attendance can be printed only on-site from Thursday afternoon.



<b>Certificate of European CME credits</b>	To obtain your CME certificated, download the EFORT2017 Congress app. The 18th EFORT Congress 2017 is designated for up to 18 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. The EACCME credit system is based on 1 ECMEC per hour. Scanning in and out of each scientific session in therefore required.
<b>Climate</b>	The mean temperature in Vienna in May/June is around 17,5 degrees Celsius.
<b>Cloakroom and storage</b>	A cloakroom and luggage deposit located at the lower level will be available during the official congress time schedule. The congress centre and the organisers are not responsible for any items lost or left behind.
<b>Congress app</b>	Download the Congress programme to your mobile device (iPhone, Android). You will be able to view the day-by-day programme, select sessions and create your own agenda. Just download the "EFORT 2017" app from the Apple app Store or Android App Market.
<b>Congress registration</b>	Registration is only valid if the complete fee and charges for other services have been paid in full. Registration on-site is possible during the entire Congress within registration desk opening hours. Only credit cards and cash payment will be accepted for on-site registration. Valid proof of status must be presented on-site when registering at lower rates.
<b>Congress language</b>	English is the official language of the congress. Please note that no simultaneous translation will be provided.
<b>Currency</b>	The currency used in Austria is the EURO (€).
<b>Disabled person</b>	The congress center is easily accessible to disabled persons. Kindly address any request for special assistance to the congress secretariat:L EFORTinfo@mci-group.com.
<b>First aid</b>	<p>The first aid room is located close to the registration area. An European emergency telephone number 112 is available in case of emergency.</p> <p>For emergencies:</p> <ul style="list-style-type: none"><li>• Fire: 122</li><li>• Police: 133</li><li>• Ambulance: 144</li></ul>

# General Congress Information

<b>Food and refreshments</b>	Lunch and refreshments are not included in the registration fee. You can buy lunch and refreshments in several catering areas within the congress centre.
<b>Industry exhibition</b>	The industry exhibition is open to pharmaceutical companies, manufacturers of medical and surgical equipment, software equipment and scientific publishers. The industry exhibition is located in Hall B and will be open from 31 May to 02 June 2017 according to the session timetable.
<b>Industry exhibition opening hours</b>	Wednesday, 31 May                      from 09.00 to 17.30 Thursday, 01 June                      from 09.00 to 17.30 Friday, 02 June                          from 09.00 to 17.00
<b>Insurance</b>	The organisers are not responsible for individual medical, travel or personal insurance. Participants and guests should arrange their own cover.
<b>Internet connections</b>	WiFi connection will be available in defined areas of the congress centre.
<b>Lost and found</b>	For lost and found items, please refer to the cloakroom on-site.
<b>Mobile phones</b>	Mobile phones will be requested to participate to all voting sessions. However, phone calls, photos, video and/or audio recording are strictly forbidden within the scientific rooms.
<b>No-smoking policy</b>	Smoking is strictly prohibited during all meetings and sessions and in exhibition halls at all times.
<b>Posters</b>	Scientific posters will be displayed as Wall print posters in a dedicated space within the exhibition area in Hall B.. Every poster is presented only during one day, as preliminary allocated and authors are requested to stay in front of their work during the poster session. Daily set up of posters is done from 09.00 to 12.00 and dismantling is mandatory after 14.45. Posters not removed before 17.45 will be discarded. For any question please ask the poster help desk  Poster presentations Wednesday, 31 May                      from 13.00 to 14.30 Thursday, 01 June                      from 13.15 to 14.45 Friday, 02 June                          from 13.15 to 14.45



# General Congress Information

## Shopping hours

The most common business hours are Monday through Saturday, 09:30 am to 18:00 pm. Different pharmacies are open around the clock on different days of the week. To find out which pharmacy is open on a particular night, visit the pharmacy nearest to you. It will have a note in the window or on the door listing the address of the emergency pharmacy. The pharmacy emergency section in the local newspapers also have a list.

Note: you might have to ring a bell for attention out of hours, and that there is an additional charge for night and weekend services.

## Time zone

Vienna follows Central European Time (CET) which is one hour ahead of Greenwich Mean Time (GMT) and six hours ahead of Eastern Standard Time (EST). At the time of the Conference, summer daylight saving will be in operation which is two hours ahead of GMT.



### A CITY OF RICH CULTURAL AND HISTORICAL HERITAGE

The Austrian capital is world-famous for its rich cultural and historical heritage that can be sampled in the 100 museums or just by strolling the streets of the old city centre that belongs to the UNESCO world cultural heritage. Vienna is known as one of the music capitals of the world.



There is no other city where so many famous composers have lived, and music tradition is kept alive in Vienna's famous opera house and concert halls. Modern musicals have replaced the old operetta, with two theatres devoted to this genre alone.

Nowadays Vienna is also known as a modern art centre and a city with a very high quality of life. In addition to sites of historical interest the city offers fine examples of innovative architecture, fashionable shopping areas, and moreover samples of Viennese lifestyle in its traditional coffee houses, the Heurigen (wine taverns), trendy bars, sausage vendors and discos.

#### Headquarter City

Vienna is one of the 4 official seats of the United Nations and home to 15 UN organizations, OSZE and OPEC as well as 18 other international organizations. 200 international corporations have their Eastern European headquarters in Vienna (incl. JVC, Heineken, Henkel, Beiersdorf, Siemens) in addition to Austrian companies of global significance (e.g. Wienerberger AG, OMV). Every year, over 100 international companies open a branch office in Vienna.

#### Knowledge City

Over 34,000 people work in Vienna in the field of research and development, 43% of all research activities in Austria take place in Vienna. The city has 9 public universities, 5 advanced technical colleges and 6 private universities, with a population of over 160,000 students, the largest university city in the German-speaking region.

#### Diverse City

Formerly the capital of a multicultural and multilingual empire, Vienna has retained its international flair. 570,000 people of international origins from 198 countries live in Vienna, 200,000 from EU Member States. 49% of Viennese have a migrant background (either personally born outside of Austria or with at least one parent born elsewhere).





## TRAVELLING TO VIENNA

- By Air** Vienna International Airport, Wien-Schwechat, is located just outside the city of Vienna, a few kilometers southeast of the Schwechat suburb.
- By Car** Entering Austria via a highway requires the payment of the Highway annual tax. Those with no further plans to use the Austria highway system should enter via a "regular" road.
- By Airport Train – CAT** The City Airport Train / CAT takes just 16 minutes direct from central Vienna to the airport and vice versa. The CAT operates daily from 05.36 am to 23.36 pm, every 30 minutes. The City Airport Train station is just 10 minutes from St. Stephan's Cathedral at Wien Mitte station, which can be reached easily by tram, underground, bus or taxi.
- Regional Buses** Vienna Airport Lines (Postbus) connects Vienna Airport with the main Vienna transport hubs. The 3 Vienna Airport Lines serve all of Vienna's underground railway lines and also Wien West and Wien Meidling railway stations. Buses to the city centre (Morzinplatz/ Schwedenplatz) run 24 hours a day; journey time is 20 minutes. See the airport map to locate the departure points at the airport.
- Taxi** Taxi stands are located outside the arrival terminals. It takes around 20 minutes to the city centre.
- Vienna Card** This card allows its holder to make use of the great diversity of the Vienna tourist offers enjoying preferential fares and use the public transport for free. Valid for 24, 48 or 72 hours it is your "open Sesame" to museums, cruises, visits, tours and many other surprises. Ask at the reception of your hotel for further information.



## GETTING TO THE CONGRESS VENUE

**Messe Wien Exhibition & Congress Center is centrally located, not far from the famous Viennese Prater. The Vienna International Airport (VIE) is only 20 minutes away by car/taxi**

### By Car

No fewer than 4,326 parking spaces are available to visitors and exhibitors directly on the Messe Wien site.

In town speed is limited to 50 km/h or 30 km/h in some areas, on national roads beyond city limits 100 km/h, and on motorways 130 km/h. A motorway sticker, « vignette », is compulsory on highways and semi-highways. It is valid for 10 days (8,80€), two month (25,70€) or 1 year (85,70€) and available at gas stations, tobacconists and automobile clubs near highways. Wearing seat belts, both in the front and in the back of a vehicle is compulsory.

GPS: 1020 Vienna, Austellungsstrasse or Trabrennsstrasse

- From the South, take the motorway Südautobahn A2 – Südosttangente A23 direction Praha/Brno – exit at Handelskai/Messezentrum.
- From the East, take the motorway Ostautobahn A4 / Südosttangente A23 direction Praha/Brno – exit at Handelskai/Messezentrum.
- From the West, take the motorway Westautobahn A1 – at the Steinhäusl junction take Außenringautobahn A21 – then, at the Vösendorf / Südosttangente junction take the A23 direction Praha/Brno – exit at Handelskai/Messezentrum.
- From the North, follow the motorway Donauuferautobahn A22 – exit at Reichsbrücke direction Zentrum – after the bridge, turn left at the first traffic light into Vorgartenstraße and drive to the junction to Ausstellungsstraße.

### Public Transport

Vienna has an excellent Public Transport System which is very effective and inexpensive. Tickets are available from machines at underground stations (maestro debit cards accepted), at news agent's, or at Vienna Transport Authority's ticket offices.

You can reach Messe Wien Exhibition & Congress Center using either:

- metro line U2 from Karlsplatz direction Seestadt, exit at the station Messe/Prater. The station Messe/Prater is just a short walk from Reed Messe or;
- bus lines 11A from Heiligenstadt and line 80b from Kaiserebersdorf direction Seestadt, stop Messe/Prater or;
- tramway line D direction Südbahnhof to Schottentor and tramway line 5 direction Praterstern to Praterstern, change there to U2 metro line.

### Public Transport Ticket

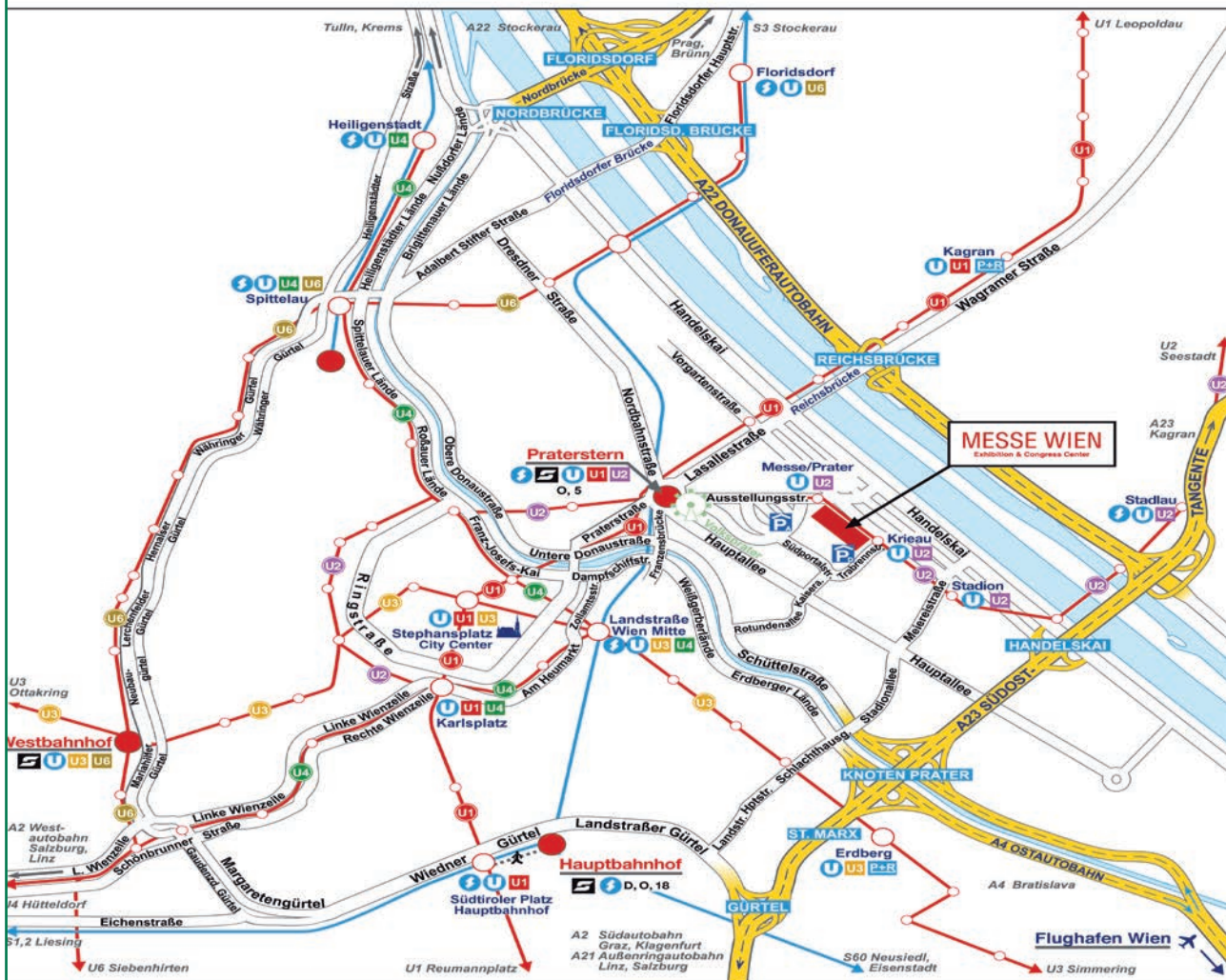
Tickets are available from machines at underground stations (maestro debit cards accepted), at news agent's, or at Vienna Transport Authority's ticket offices.

Tickets bought in advance are cheaper and must be punched in a blue ticket cancelling machine on the tram or bus, or at the barrier before boarding the underground train

## HOW TO REACH MESSE REED

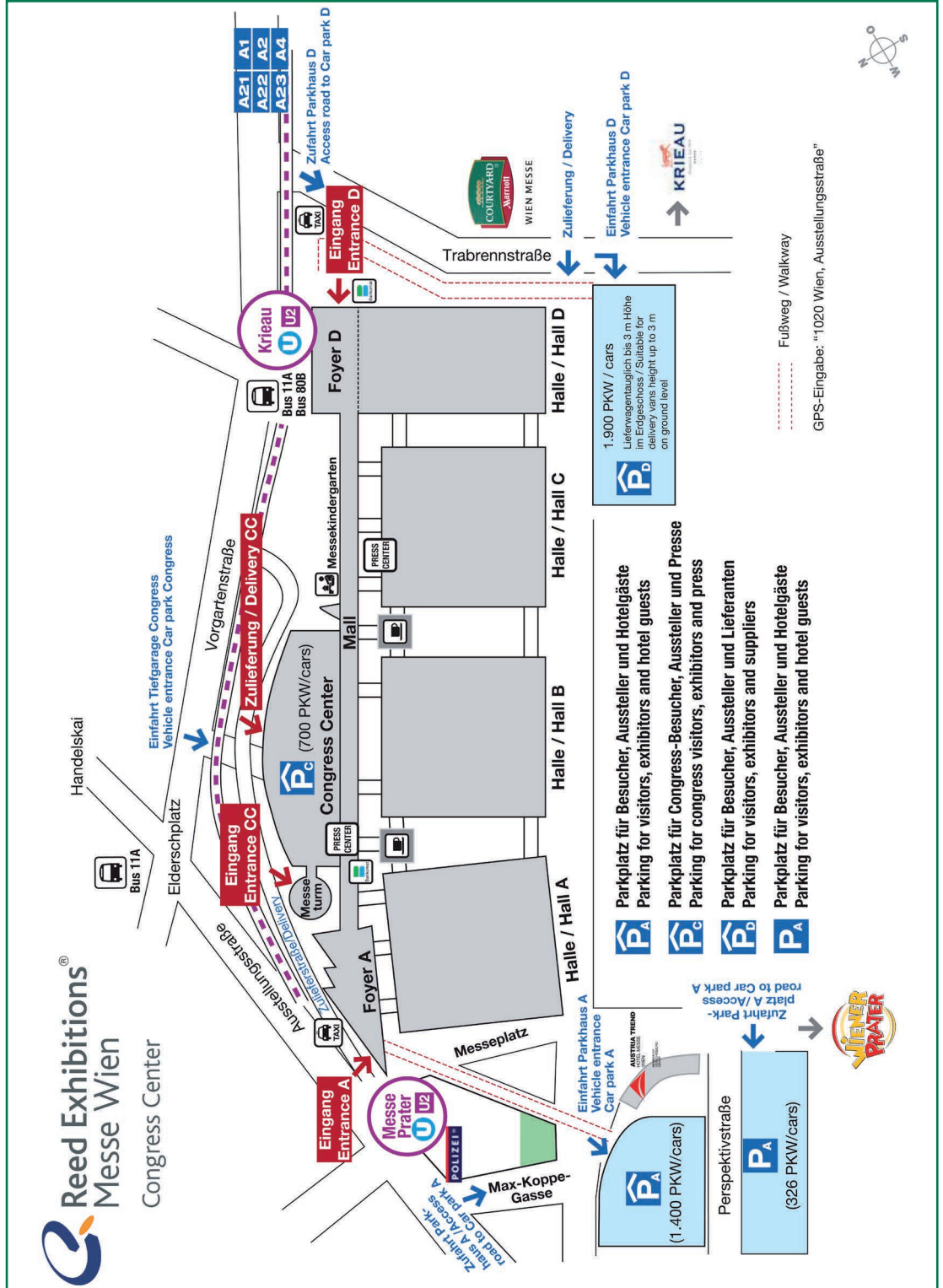
### MESSE WIEN Exhibition & Congress Center

 **Messeplatz 1**  
1020 Wien





## HOW TO REACH MESSE REED







## Obtain your CME credits

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- Download the EFORT2017 Congress app



- Scan your badge walking in & out of each scientific session room



- Fill in the survey feedback for the attended sessions



- Download your CME certificate at the end of the congress

New 2017 regulations require scanning in and out of each session to collect the total amount of hours. In Vienna, a CME column is located at the entrance of each scientific session to scan your badge.

Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. The EACCME credit system is based on 1 ECMEC per hour.

The 18<sup>th</sup> EFORT Congress 2017 is designated for up to 18 hours of European external CME credits.