



**Programme**

# 12<sup>TH</sup> CONGRESS OF THE EUROPEAN HIP SOCIETY

**6–9 SEPTEMBER  
2016**

**MUNICH,  
GERMANY**

**MUNICH**

Congress President: Prof. Dr. W. Siebert

**KASSEL**



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In cooperation with



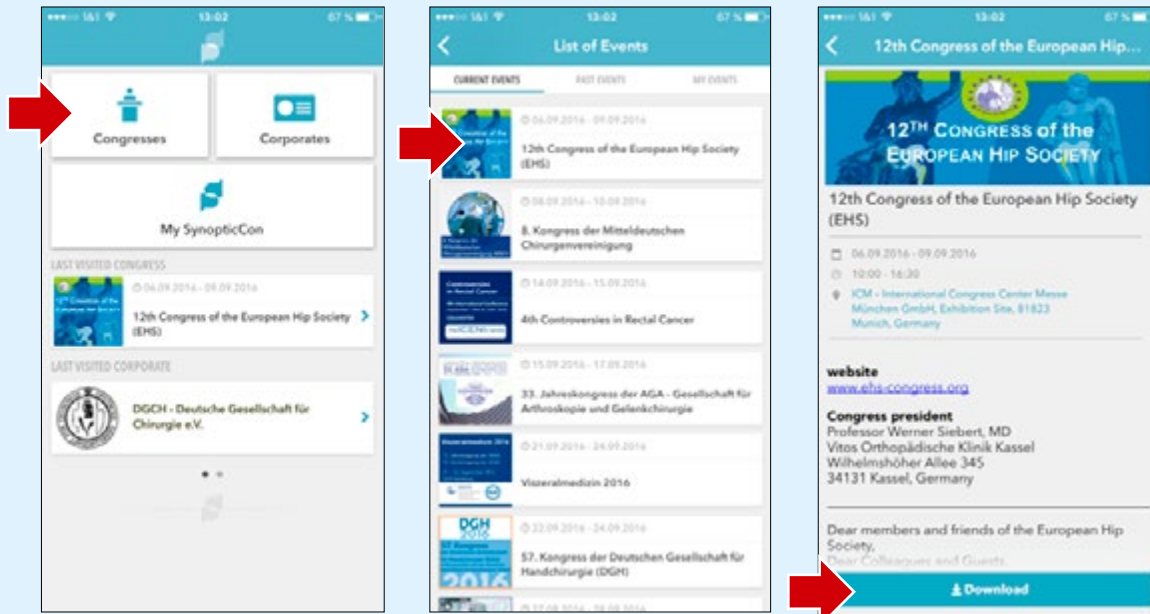


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Dear members and friends of the European Hip Society,  
Dear Colleagues and Guests,



I am delighted to announce that the 12<sup>th</sup> Congress of the European Hip Society (EHS) this year in Munich is on track to be an excellent event, offering a wide spectrum of hip events and symposia.

On 6<sup>th</sup> September, Prof. Reinhard Graf, the world famous inventor of ultrasound diagnostics in the infant hip, will present a full-day course on this very beneficial procedure, which has allowed our youngest hip patients to avoid so much suffering. Don't miss this course, or the chance to meet its outstanding speaker and teacher! On the same day, the industry will hold hip days in Munich's congress area. You will find a full-day programme on bone preserving procedures around the hip by Mathys. We will also hold our committee meetings.

The main programme of the congress will take place on 7<sup>th</sup> and 8<sup>th</sup> September with the help of our international and of course German friends, along with the ExCom, SciCom and EduCom of the EHS. We will be offering you a very interesting programme with over 30 symposia on the hottest topics on the hip.

Don't forget that the EHS covers not only arthroplasty, but also pediatric orthopaedic surgery and trauma, and you will find many varied symposia on these subjects.

The transatlantic sessions are not to be missed! Organised with the American Hip and Knee Society, my thanks go to Luigi Zagra (EHS) and Stefano Bini (AAHKS) who helped organise these special meetings. Also with the support of the American Hip and Knee Society, we will provide all attendees with the chance to learn the latest techniques via operating videos, in a special video booth. Watch, and learn!

In addition to the many symposia, we of course have a lot of meetings with free papers and posters on all the interesting hip topics. The programme is still a work in progress and if we hear about any new interesting topics, we will try to include them.

On Friday 9<sup>th</sup> September, we will offer you a hands-on course on arthroscopic surgery – a full-day programme organised by Europe's best arthroscopic surgeons.

Germany is less expensive than you may think and we have done what we can to keep the costs low. The industry exhibition will be huge and we are happy that so many companies will sponsor our meeting and bring contents and booths.

Everything is heading in the right direction for an excellent EHS congress in Munich in September 2016. The programme is great so far and I invite you all to join in and be part of this top-level orthopaedic event.

Hope to see you all there.  
Yours sincerely,

Prof. Dr. Werner Siebert  
President of the European Hip Society



**Congress president**

Professor Werner Siebert, MD  
Vitos Orthopädische Klinik Kassel  
Wilhelmshöher Allee 345  
34131 Kassel, Germany

**Associate organisers**

Stefano Bini (USA)  
AAHKS International committee

Oliver Marin-Peña (Spain)  
EHS member

Manuel Cassiano Neves (Portugal)  
President EPOS (European Pediatric  
Orthopaedic Society)

Ran Schwarzkopf (USA)  
International Member EHS

**Fiscal organiser, congress  
and exhibition management**

Intercongress GmbH  
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Julia Spier (exhibition)  
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ehs-congress@intercongress.de  
www.intercongress.de

**Congress venue**

ICM – International Congress Center  
Messe München GmbH  
Exhibition Site  
81823 Munich, Germany

**Local organising committee**

Peter Biberthaler (Germany)  
Michael Dienst (Germany)  
Thorsten Gehrke (Germany)  
Hans Gollwitzer (Germany)  
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Dieter C. Wirtz (Germany)  
Luigi Zagra (Italy)

«The EHS aims to advance the exchange of medical experiences, scientific developments and knowledge regarding juvenile and adult hip diseases.»

Professor Werner Siebert, President



«The EHS is your dynamic hip speciality society for the latest scientific results.»

Professor Gösta Ullmark, Past President

«Bringing orthopaedic hip surgeons together»

Dr. Wim Schreurs, President Elect



«Our international society has a vibrant academic and clinical leadership. Our close affiliation with EFORT, links with USA, developing relationship with China and the Far East, as well as Japan, position EHS at the top of our profession.»

Professor Eleftherios Tsiridis, Secretary General

### Why be part of EHS?

- The internationally renowned orthopaedic society established since 1992
- Develop a professional network
- Opportunities to lecture around the world with EHS support
- Visit international hip centres of excellence
- Actively participate in hip research with the support of EHS
- Members profit from reduced fees of the Hip International



If you are not already a member, the EHS would be delighted to welcome you!

If you are not an EHS member already, please consider joining and take advantage of the many benefits available. The EHS would be delighted to welcome you! The easy to complete on-line new membership application form can be found on the EHS website [www.europeanhipsociety.org](http://www.europeanhipsociety.org), or feel free to email Sam Stokes at [samstokesehs@gmail.com](mailto:samstokesehs@gmail.com) if you have any questions about EHS membership.

### EHS Executive committee

<b>President</b>	Werner Siebert, Germany
<b>Past President</b>	Gösta Ullmark, Sweden
<b>President Elect</b>	Wim Schreurs, The Netherlands
<b>Secretary General</b>	Eleftherios Tsiridis, Greece
<b>Treasurer</b>	Theofilos Karachalios, Greece
<b>Editor</b>	Richard Baker, United Kingdom

### Membership secretary

Samantha Stokes (Mrs)  
 PA to E. Tsiridis  
 Saint Luke's Clinic  
 55236 Panorama, Thessaloniki, Greece  
[samstokesehs@gmail.com](mailto:samstokesehs@gmail.com)  
[www.europeanhipsociety.org](http://www.europeanhipsociety.org)

### EHS Scientific committee

<b>Chairman</b>	Kjeld Søballe, Denmark
<b>Vice Chairman</b>	Theofilos Karachalios, Greece
	Eduardo Garcia-Cimbreno, Spain
	Klaus-Peter Günther, Germany
	Thomas Ilchmann, Switzerland
	Johan Kärrholm, Sweden
	Gerold Labek, Austria
	Manuel Ribas, Spain
	Wim Schreurs, Netherlands
	Evert Smith, United Kingdom
	Mazhar Tokgozoglou, Turkey
	Gösta Ullmark, Sweden
	Luigi Zagra, Italy

### EHS Education committee

<b>Chairman</b>	Gösta Ullmark, Sweden
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	Roberto Binazzi, Italy
	Rui M. V. Cabral, Portugal
	José Cordero-Ampuero, Spain
	Hans Gollwitzer, Germany
	Michael Nogler, Austria
	Søren Overgaard, Denmark
	Richard N. Villar, United Kingdom

### Official EHS committee meetings

Tuesday, 6 September 2016

13:00–15:00	Room 12a	Executive committee meeting
15:00–16:00	Room 12b	Scientific committee meeting
16:00–17:00	Room 12a	Educational committee meeting
17:00–18:00	Room 12b	National representatives meeting



## TUESDAY, 6 September 2016

	Saal 5	Saal 4	Saal 11	Foyer 1 <sup>st</sup> Floor	Saal 2	Saal 12a	Saal 12b		
09:00-18:00	Registration								
10:00			Refresher course: Sonography of Infant Hip p. 14	ePoster Exhibition p. 66					
13:15-14:15	SY01 Fractures of the proximal femur p. 14	OP01 Positioning p. 15				EHS Executive committee meeting		13:00	
14:30-15:30	SY02 Pelvic and acetabular fractures p. 16	OP02 Approach p. 16							
16:00-17:00	SY03 Periprosthetic fractures p. 17	OP03 Mid- and long-term results p. 17				Industry Symposium p. 72	EHS Educational committee meeting	16:00	
17:00-18:30	Get together in the International Congress Center p. 76						EHS National representatives meeting	17:00	

## WEDNESDAY, 7 September 2016

	Saal 13	Saal 5	Saal 4	Saal 2	Saal 3	Foyer 1 <sup>st</sup> Floor	
07:30-18:30	Registration						
08:30-10:00	SY04 Combined Symposium EHS – AAHKS on arthroplasty problems I p. 19	SY05 Paediatric Hip p. 19	SY06 Management strategies and outcomes of infected total hip arthroplasty p. 20	OP04 THA p. 20	ePO1 Conservative hip surgery p. 21	ePoster Exhibition p. 66	
10:00-10:30	Networking, ePoster viewing, visit of industry exhibition						
10:30-12:00	SY07 Combined Symposium EHS – AAHKS on arthroplasty problems II p. 23	SY08 Short Stem I p. 23	OP05 Paediatrics p. 24	OP06 Functional outcome p. 25	ePO2 Primary THA p. 26		
12:00-12:30	Networking, ePoster viewing, visit of industry exhibition						
12:30-13:30	SY09 The register world – what is going on? p. 27	SY10 Complex primary THA p. 28	SY11 Biomechanics & Biotribology p. 28	OP07 Hip Arthroscopy p. 29	AS1 Award Abstracts: ePoster p. 30		
13:30-14:30	Opening <b>Highlight</b> p. 31	Networking, ePoster viewing, visit of industry exhibition					
14:30-16:00	SY12 Modularity in primary hips p. 31	SY13 THA & Sport (EHS/AAHKS Symposium) p. 32	SY14 Trauma meets arthroplasty hip p. 33	OP08 Acetabular revision p. 33	ePO3 Trauma p. 34		
16:00-16:30	Networking, ePoster viewing, visit of industry exhibition						
16:30-17:30	SY15 Diagnostics, microbiology, pathology of infected THA p. 36	SY16 Hip arthroscopy I (Diagnostics, Anatomy, Indication) p. 36	SY17 Primary THA in European countries p. 37	OP09 Paediatrics p. 37	OP10 Tribology p. 38		
17:30-18:30	SY18 Treatment and outcome of infected THA p. 39	SY19 Hip arthroscopy II (Surgical Technique and Results) p. 39	SY20 What is going on in Orthopaedics in Europe? p. 40	OP11 Short Stem p. 40	OP12 Hip spine p. 41		
20:00	Authentic Bavarian Evening in the Augustinerkeller in Munich p. 76						



## THURSDAY, 8 September 2016

	Saal 13a	Saal 13b	Saal 5	Saal 4	Saal 2	Foyer 1 <sup>st</sup> Floor	
07:30-18:30	Registration						
08:30-10:00	SY21 Revision femoral arthroplasty p. 42	SY22 AFACOT / SO-TEST Symposium – The French perspective p. 42	OP13 Hip Arthroscopy p. 43	OP14 PROM's p. 44	ePO4 Revision THA p. 45	ePoster Exhibition	
10:00-10:30	Networking, ePoster viewing, visit of industry exhibition						
10:30-12:00	SY23 Revision acetabular arthroplasty p. 46	SY24 Short Stem II p. 47	SY25 Rapid rehabilitation – 24 hours discharge – after THA p. 47	AS2: Award Abstracts: oral p. 48	ePO5 THA p. 49		
12:00-12:30	Networking, ePoster viewing, visit of industry exhibition						
12:30-13:30	SY26 Hip Revision p. 50	SY27 Management of rheumatoid hip p. 51	SY28 Functional outcome after hip surgery p. 51	OP15 Conservative hip surgery p. 51	OP16 Fast track surgery p. 52		
13:30-14:30	EHS General Assembly p. 53	Networking, ePoster viewing, visit of industry exhibition					
14:30-16:00	SY29 Dual mobility: A fifty years old French concept? p. 53	SY30 Therapeutic options in joint preserving surgery p. 54	OP17 Infection p. 54	OP18 Revision THA p. 55	OP19 THA varia p. 56		
16:00-16:30	Networking, ePoster viewing, visit of industry exhibition						
16:30-17:30	SY31 Classification of DDH sequelae in adulthood p. 58	SY32 Arthroplasty in geriatric patients p. 58	SY33 What would you do? Challenges in hip surgery p. 59	OP20 Trauma 1 p. 59	OP21 Imaging p. 60		
17:30-18:30	SY34 Patient selection in DDH and FAI surgery p. 60 <span style="background-color: red; color: white; padding: 2px;">Voting</span>	SY35 Perioperative preparations in THA p. 61		OP22 Trauma 2 p. 61	ePO6 Paediatrics, infection p. 62		
18:30-19:00	Closing & Awards p. 63						

## FRIDAY, 9 September 2016

### Hands on Hip Arthroscopy Course

Venue: ArthroLab, Munich

Address: Arthrex GmbH  
ArthroLab  
Erwin-Hielscher-Straße 9  
81249 Munich, Germany

**Different venue!**

Details see p. 64

07:45	Doctor's Lounge Registration	
08:00	Doctor's Lounge Welcome	
08:15	Basic level	Experienced level
	Seminar room 1 Theory I	Seminar room 2 Theory I
09:15	Wet lab Practical exercises	Wet lab Practical exercises
11:15	Doctor's Lounge Coffee break	
11:30	Seminar room 1 Theory II	Seminar room 2 Theory II
12:30	Doctor's Lounge Lunch	
13:30	Wet lab Practical exercises	Wet lab Practical exercises
15:00	Wet lab Demo mini-open labral reconstruction	
16:00	Doctor's Lounge Coffee and farewell	

**10:00–17:00 Saal 11**

**Refresher Course: Sonography of Infant Hip**

Chair Graf R. (Austria), Tschauer C. (Austria)

This refresher course is suitable for medical professionals who look after infants with hip dysplasia or who provide a hip screening service, including sonographers, orthopaedic surgeons, radiologists, paediatricians and physiotherapists.

A sound understanding of the role of ultrasound in the diagnosis and treatment of hip dysplasia will be provided. Participants will be enabled to perform and to interpret ultrasound scans.

Topics covered: basic principles of hip sonography, common mistakes, screening technique, classification, measurement technique, sonography controlled therapy.

This course is limited to **45 participants**.

- 10:00** Essential basics (Checklist 1 & 2)  
Measurement and sonographic classification (Hip types of GRAF)  
Theory & Demo: Standard of positioning and scanning  
Chair: Ribas Fernández M. (Spain)
- 13:15** Lunch break
- 14:00** **Demo: Scanning of "LIVE" babies**
- 15:00** Tilting errors and diagnostic consequences
- 15:30** Coffee break
- 15:45** Sonography-based biomechanical treatment (reposition/retention/maturation)  
Tips & Tricks, Discussion, Summary
- 17:00** End

**10:00–18:30 Foyer 1<sup>st</sup> Floor** ePoster exhibition

**13:15–14:15 Saal 5** Invited Symposium

**SY01 Fractures of the proximal femur**

Organizer Biberthaler P. (Germany), Ilchmann T. (Switzerland)  
Chair Ilchmann T. (Switzerland), Raschke M. (Germany)

- SY01-1171** Fast-track in the treatment of proximal femoral fractures:  
12'+3' Economic aim or improved care?  
*Thorngren K. (Sweden)*
- SY01-1160** Biomechanics of therapeutic strategies  
12'+3' *Braun K. (Germany)*

- SY01-1161** Cephallomedillary systems: surgical technique, pearls and pitfalls  
12'+3' *Raschke M. (Germany)*
- SY01-1162** Augmentation systems: new techniques and new data  
12'+3' *Kirchhoff C. (Germany)*

**13:15–14:15 Saal 4** Oral presentation

**OP01 Positioning**

Chair Mai Sabine (Germany), Braun K. (Germany)

- OP01-287** Preoperative setting and intraoperative motion errors during total hip arthroplasty in lateral position  
6'+1' *Sueajui J. (Thailand), Suksathien Y.*
- OP01-107** Simple intraoperative technique for limb length measurement during total hip arthroplasty  
6'+1' *Papadopoulos D. (Greece), Koulouvaris P., Tsantes A., Plakoutsis S., Gkiatas G., Aggelidakis G., Mavrodontidis A.*
- OP01-167** Cup position influence on results of total hip arthroplasty  
6'+1' *Tikhilov R. (Russian Federation), Shubnyakov I., Boyarov A., Denisov A.*
- OP01-81** IPAR (inferior edge of the posterior acetabular rim) and its relevance in positioning of the cup  
6'+1' *Jose Edakalathur J. (United Kingdom), Bhaskar D., Board T., Rajpura A., Thomas S.*
- OP01-346** MAASH technique. A new philosophy  
6'+1' *Salvador A., Broch A. (Spain), Delgado F.*
- OP01-429** The roof step cut technique for bony reconstruction in acetabular roof deficiency – follow up  
6'+1' *Csernatony Z. (Hungary), Gyorfi G., Huszanyik G., Mano S.*
- OP01-185** Femur first technique: a smart non-computer-based surgery to achieve the combined anteversion in primary total hip arthroplasty  
6'+1' *Loppini M. (Italy), Astore F., Caldarella E., Della Rocca A., Mazziotta G., Traverso F., Grappiolo G.*

**14:15–14:30 Networking, ePoster viewing, visit of industry exhibition**

**13:30–18:30 Saal 2**

Industry Symposium (details see p. 72)

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**14:30–15:30 Saal 5 Invited Symposium**

- SY02 Pelvic and acetabular fractures**  
**Organizer** Biberthaler P. (Germany), Ilchmann T. (Switzerland)  
**Chair** Biberthaler P. (Germany), Ruchholtz S. (Germany)
- SY02-1163 Epidemiology and classifications with a focus on fragility fractures  
 12'+3' Huber-Wagner S. (Germany)
- SY02-1164 Surgical strategies of osteosynthesis: which column, which implant  
 12'+3' Stuby F. (Germany)
- SY02-1165 Stoppa and pararectus approaches: pearls and pitfalls  
 12'+3' Böcker W. (Germany)
- SY02-1166 Fragility fractures: primary endoprosthesis  
 12'+3' Biberthaler P. (Germany)

**14:30–15:30 Saal 4 Oral presentation**

- OP02 Approach**  
**Chair** von Lewinski Gabriela (Germany), Delgado F. (Spain)
- OP02-437 Does surgical approach affect perioperative morbidity of same-day bilateral total hip arthroplasty?  
 6'+1' Poultsides L. (United States of America), Oi Kathryn, Memtsoudis S., Do Huang, Su E., Sculco T., Alexiades M.
- OP02-173 Midterm implant survivorship of the Accolade TMZF hip stem; is there a learning curve or effect of different surgical approaches on survival rate?  
 6'+1' van den Hout J. (Netherlands), Koenraadt K., Wagenmakers R., Bolder S.
- OP02-182 Posterolateral versus direct anterior approach for THA (POLADA). Is there a difference in muscle damage?  
 6'+1' Rykov K. (Netherlands), Ten Have B., Knobben B., Meys T., Sietsma M., Reininga Inge, Bulstra S.
- OP02-374 Anterolateral approach protects gluteal muscles compared to transgluteal approach for implantation of a short stem total hip arthroplasty – prospective, randomised clinical and gait analysis study  
 6'+1' Flörkemeier T. (Germany), Budde S., Radtke Kerstin, Jakubowitz E., Hurschler C., Seehaus F., Ezechieli M., Windhagen H., von Lewinski Gabriela
- OP02-183 Assessing tissue damage caused by different surgical approaches in total hip arthroplasty using leukocyte kinetics  
 6'+1' Rykov K. (Netherlands), Van Den Bossche W., Ten Have B., Knobben B., Sietsma M., Van Raay J., Van Dongen J.

- OP02-109 Effect of surgical approach and head size on revision rate after total hip arthroplasty in the Netherlands  
 6'+1' Zijlstra W. (Netherlands), De Hartog B., Van Steenberghe Liza, Schreurs B., Nelissen R.

- OP02-145 Does direct anterior approach work in difficult primary THA?  
 6'+1' Aminjavaheri S. (Iran), Mostafavi Tabatabaee R., Mortazavi S.

- OP02-123 Comparison of postoperative range of motion after total hip arthroplasty using posterior, anterolateral and direct anterior approach: a single surgeon series  
 6'+1 Fujishiro T. (Japan), Hiranaka T., Hashimoto S., Hayashi S.

**15:30–16:00 Networking, ePoster viewing, visit of industry exhibition**

**16:00–17:00 Saal 5 Invited Symposium**

- SY03 Periprosthetic fractures**  
**Organizer** Biberthaler P. (Germany), Ilchmann T. (Switzerland), Tsiridis E. (Greece)  
**Chair** Biberthaler P. (Germany), Tsiridis E. (Greece)

- SY03-1167 Classifications and epidemiology  
 12'+3' Tsiridis E. (Greece)

- SY03-1168 Vancouver A, B and C: Principles of osteosyntheses  
 12'+3' Biberthaler P. (Germany)

- SY03-1169 Vancouver B2/B3: Principles of revision endoprosthesis  
 12'+3' Ilchmann T. (Switzerland)

- SY03-1170 Fragility fractures: new augmentation strategies and results  
 12'+3' Kirchoff C. (Germany)

**16:00–17:00 Saal 4 Oral presentation**

- OP03 Mid- and long-term results**  
**Chair** Stöckl B. (Austria), Thorey F. (Germany)

- OP03-279 Mid-term outcomes of a clinical and densitometric prospective study on Trabecular Titanium cups  
 6'+1' Massari L., Bistolfi A., Grillo P., Borrè Alda, Gigliofiorito G., Pari Carlotta, Francescotto A., Deledda D., Ravera Laura, Causero A. (Italy)

- OP03-248 Midterm outcomes of total hip replacement using a delta-on-delta articulation  
 6'+1' Fitch D. (United States of America)

- OP03-211 Midterm results of ReCap/Magnum/TaperLock metal on metal total hip arthroplasty with mean follow-up of 7.1 years.  
 6'+1' Koutalos A. (United Kingdom), Scholes Susan, Joyce T., Kourtis A., Smith E.

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- OP03-194 6'+1' Outcome of a hemispherical porous-coated acetabular cup with proximally hydroxyapatite-coated anatomic stem. A concise follow-up report at a mean of twenty years  
*Carbonell Escobar R. (Spain), Garcia Rey E., Garcia Cimbrello E.*
- OP03-233 6'+1' Clinical and radiographic outcomes at 25 to 30 years of 347 THAs with HA-coated stems.  
*Jacquot L. (France), Rollier J., Chouteau J., Machenaud A., Vidalain J.*
- OP03-264 6'+1' Long-term results of total hip arthroplasty for the treatment of Ankylosed hips  
*Ozden V. (Turkey), Dikmen G., Beksac B., Tozun I.*
- OP03-65 6'+1' Long-term results of primary hip arthroplasty at a mean of 20 years of follow-up in patients with hip dysplasia  
*Colo Ena (Netherlands), Rijnen W., Gardeniers J., van Kampen A., Schreurs B.*
- OP03-323 6'+1' Mid- to long-term outcomes of a modular femoral stem in total hip arthroplasty  
*Fitch D. (United States of America)*

**17:00–18:30 Foyer ICM**  
 Get together (details see p. 76)



**8:30–18:30 Foyer 1<sup>st</sup> Floor** ePoster exhibition

**8:30–10:00 Saal 13** Invited Symposium

**SY04 Combined Symposium EHS-AAHKS on arthroplasty problems**



**Organizer Chair** Siebert W. (Germany), Zagra L. (Italy)  
 Bini S. (United States of America), Zagra L. (Italy)

SY04-1159 3'+0' Welcome  
*Zagra L. (Italy), Bini S. (United States of America), Jiranek W. (United States of America)*

SY04-1104 15'+0' Highlights from AAHKS  
*Jiranek W. (United States of America)*

SY04-1105 10'+2' Why THA fails in 2016  
*Bolognesi M. (United States of America)*

SY04-1107 10'+2' Diagnosis of taperosis  
*Bini S. (United States of America)*

SY04-1108 10'+2' Post-traumatic hip  
*Vail T. (United States of America)*

SY04-1109 10'+2' Evaluation of the unstable hip  
*Macaulay W. (United States of America)*

SY04-1102 10'+2' Acetabular bone loss  
*Huddleston J. (United States of America)*

SY04-1106 10'+2' The diagnosis of infected THA  
*Parvizi J. (United States of America)*

**8:30–10:00 Saal 5** Invited Symposium

**SY05 Paediatric Hip**

**Organizer Chair** Graf R. (Austria), Tschauner C. (Austria)  
 Ganger R. (Austria), Seidl Tamara (Germany)

SY05-1032 10'+0' Optimized outcome of ultrasonography-based earliest treatment  
*de Pellegrin M. (Italy)*

SY05-1033 10'+0' 20 years of general sonographic hip-screening in Vienna  
*Stiegler H. (Austria)*

SY05-1034 10'+0' 30 years of general sonographic hip-screening in Salzburg  
*Landauer F. (Austria)*

SY05-1035 10'+0' The Austrian way – general sonographic hip screening since 1992  
*Thallinger C. (Austria)*

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**SY05-1036** Chiari-osteotomy as a reliable salvage-procedure in special indications  
10'+0'  
*Chiari Catharina (Austria)*

**SY05-1037** Morbus Perthes – state of the art 2016  
20'+0'  
*Wirth T. (Germany)*

**SY05-1038** SCFE – state of the art 2016  
20'+0'  
*Krauspe R. (Germany)*

**8:30–10:00 Saal 4 Invited Symposium**

**SY06** **Management strategies and outcomes of infected total hip arthroplasty**  
Organizer Karachalios T. (Greece)  
Chair Karachalios T. (Greece), Perka C. (Germany)

**SY06-1135** Guidelines for diagnosis  
12'+0'  
*Babis G. (Greece)*

**SY06-1136** A critical view on the diagnostic accuracy of aspiration and cultures  
12'+0'  
*Cordero-Ampuero J. (Spain)*

**SY06-1137** One stage revision strategy  
12'+0'  
*Perka C. (Germany)*

**SY06-1138** Two stage revision strategy  
12'+0'  
*Macheras G. (Greece)*

**SY06-1139** A critical view on modern spacer technology  
12'+0'  
*Tokgozoglou A. (Turkey)*

**SY06-1140** Assessment of outcome and functional recovery after infected THA  
12'+0'  
*Karachalios T. (Greece)*

**SY06-1141** Discussion  
0'+18'

**8:30–10:00 Saal 2 Oral presentation**

**OP04** **THA**  
Chair Halder A. (Germany), Rui Manuel V. (Portugal)

**OP04-500** Patient-individualized cup navigation using a new positioning system  
8'+2'  
*Zilkens C. (Germany)*

**OP04-365** Post-surgical nerve lesion, not only surgeon responsibility: HNPP a rare cause of nerve liability  
6'+1'  
*Donati F., De Ieso C., Del Tedesco F., Cambise C., Coraci D., Padua L., Logroscino G. (Italy)*

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**OP04-73** Relationship between the pain of hip osteoarthritis and intensity change of the femoral head on magnetic resonance imaging or atrophy of psoas major muscle  
6'+1'  
*Kijima H. (Japan), Yamada S., Konishi N., Kubota H., Tazawa H., Kamo K., Okudera Y., Sasaki K., Kawano T., Shimada Y.*

**OP04-14** How important is bone mineral density in hip arthroplasty?  
6'+1'  
*Maier G., Kolbow Kristina, Lazovic D., Maus U. (Germany)*

**OP04-135** Teriparatide seems to improve recovery after pertrochanteric hip fracture: comparison with risedronate in a randomized, controlled trial  
6'+1'  
*Aspenberg P. (Sweden), Tarantino U., Corradini C., Overgaard S., Borris L., Frihagen F., Papavasiliou K., Malouf J., García-Hernández P., Marin F.*

**OP04-87** Cementless one-stage bilateral total hip arthroplasty in osteoarthritis patients: functional outcomes and complications  
6'+1'  
*Taheriazam A. (Iran), Saeidinia A., Safdari F.*

**OP04-166** Hip arthroplasty in patients with complex femoral deformity after surgical treatment of dysplasia  
6'+1'  
*Tikhilov R. (Russian Federation), Shubnyakov I., Denisov A., Bliznyukov V.*

**OP04-119** Medium term outcome of cementless total hip arthroplasty in patients with juvenile rheumatoid arthritis  
6'+1'  
*Aminjavaheri S. (Iran), Mortazavi S., Mostafavi Tabatabaee R.*

**OP04-394** Clinical outcome of dual mobility cup in total hip replacement for acute femoral neck fractures  
6'+1'  
*Shah N. (United Kingdom), Anathallee Y., Tariq A., Jong Georgiana, Ng A., Bhamra M.*

**OP04-215** Which is the evidence of total hip arthroplasties implanted in Catalonia according the Catalanian Registry (RACat).?  
6'+1'  
*Pons M. (Spain), Chaverri D., Lobo L.*

**8:30–10:00 Saal 3 ePoster and Oral presentations**

**ePO1** **Conservative hip surgery**  
Chair Dantas P. (Portugal), Heyden M. (Germany)

**ePO1-213** Ceramic on ceramic hip arthroplasty with 36 mm femoral head in young patients  
4'+1'  
*Pons M. (Spain), Gaviria Elena*

**ePO1-128** Outcome of core decompression in osteonecrosis of femoral head  
4'+1'  
*Aminjavaheri S. (Iran), Mortazavi S.*

**ePO1-227** Validation of radial center edge angle calculated by acetabular coverage analysis software "ACX dynamics".  
4'+1'  
*Nishikino S. (Japan), Koyama H., Nakamura H., Hoshino H., Matsuyama Y.*





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- ePO1-21 4'+1' The validity and accuracy of MRI arthrogram in the diagnosis of pathology of the hip  
*Rajeev A. (United Kingdom), Mohammed A., Tumia N., Loughead J.*
- ePO1-337 4'+1' Treatment of hip chondral defects with bone marrow stimulation and BST-Cargel  
*Capurro Soler B. (Spain), Tey M., Mas J., Leon A., Marques López F.*
- ePO1-449 4'+1' Outcomes of femoral head marrow stimulation techniques with minimum two year follow-up.  
*Hartigan D., Perets I. (United States of America), Walsh J., Close Mary, Chaharbakshi E., Domb B.*
- ePO1-19 4'+1' Femoroacetabular impingement treatment using anterior mini-open approach, short term results  
*Diranzo García J. (Spain), Estrems Díaz V., Castillo Ruiperez Laura, Hernández Ferrando L., Bru Pomer A.*
- ePO1-9 4'+1' Femoral neck fracture after arthroscopic FAI CAM surgery – case report of a female patient with a review of literature  
*Sobau C., Zimmerer A. (Germany)*
- ePO1-439 4'+1' Clinical outcomes of iliopsoas fractional lengthening in competitive athletes undergoing hip arthroscopy – minimum 2 year follow-up.  
*Perets I. (United States of America), Chaharbakshi E., Ashberg L., Close Mary, Walsh J., Domb B.*
- ePO1-338 4'+1' Polyurethane based novel implant for arthroscopic hip labral reconstruction  
*Capurro Soler B. (Spain), Tey M., Torres R., Leon A., Marques López F.*
- ePO1-382 4'+1' 1 year follow-up of 100 Patients after arthroscopic assisted mini-open approach for the treatment of femoroacetabular impingement  
*Ezechieli M. (Germany), Flörkemeier T., DeMeo F., Marin-Peña O., Windhagen H., Ribas Fernández M.*
- ePO1-320 4'+1' Modify Dunn osteotomy in chronic slipped proximal femoral capital epiphysis  
*de Sandes Kimura O. (Brazil), Freitas E., Linhares Garcia P., Leal D., Cury Fernandes M.*
- ePO1-380 4'+1' Triple pelvic osteotomy in the treatment of dysplastic coxarthrosis in adults  
*Sakalouski A. (Belarus), Minakouski I., Darya Sakalouskaya*
- ePO1-155 4'+1' Reconstructive procedures in treatment of complex dysplastic coxarthrosis stage 2-3 in young patients  
*Korolkov A., Bondarenko S., Mezentsev V., Akonjom M. (Ukraine)*
- ePO1-344 4'+1' Outcome measures of total hip arthroplasty in patients with neglected developmental dysplasia of hip among the patients referred to the Sina hospital during 2008–2015  
*Savadkoohi D. (Iran), Siavashi B., Golbakhsh M., Roshandel H., Karimnia A.*

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- 10:00–10:30 **Networking, ePoster viewing, visit of industry exhibition**
- 10:30–12:00 **Saal 13 Invited Symposium**
  - SY07 Combined Symposium EHS-AAHKS Case based discussion**  
Organizer Chair Siebert W. (Germany), Zagra L. (Italy)  
Zagra L. (Italy), Bini S. (United States of America)
  - SY07-1112 0'+20' Case based discussion: Primary  
*Vail T. (United States of America), Jiranek W. (United States of America), Siebert W. (Germany), Castelli C. (Italy)*
  - SY07-1113 0'+20' Case based discussion: Primary DDH  
*Macaulay W. (United States of America), Vail T. (United States of America), Karachalios T. (Greece), Argenson J. (France)*
  - SY07-1114 0'+20' Case based discussion: Revision  
*Huddleston J. (United States of America), Bolognesi M. (United States of America), Perka C. (Germany), Kärrholm J. (Sweden)*
  - SY07-1115 0'+20' Case based discussion: Infection  
*Parvizi J. (United States of America), Huddleston J. (United States of America), Haddad F. (United Kingdom), Cordero-Ampuero J. (Spain)*
- 10:30–12:00 **Saal 5 Invited Symposium**
  - SY08 Short stem I**  
Organizer Chair Pfeil J. (Germany)  
Nakata K. (Japan), Pfeil J. (Germany)
  - SY08-1015 10'+0' Classification of short stems  
*Pfeil J. (Germany)*
  - SY08-1016 10'+0' Reconstruction of hip geometry using a short stem prosthesis  
*Helmy N. (Switzerland), Röthlisberger Marion (Switzerland)*
  - SY08-1017 15'+0' Short stem choice and anatomical positioning consequences  
*Windhagen H. (Germany)*
  - SY08-1018 15'+0' 3D preoperative planning and patient specific template for short stem  
*Nakata K. (Japan)*
  - SY08-1019 10'+0' Indications for short stems–difference to standard stems  
*Seeger J. (Germany)*
  - SY08-1020 10'+0' Failure mechanism in short stem hip arthroplasty – what can we learn for the future?  
*von Lewinski Gabriela (Germany)*
  - SY08-1021 10'+0' Short stems suitable for all patients? A prospective study  
*Nitsche L. (Germany)*



**10:30–12:00 Saal 4 Oral presentation**

**OP05 Paediatrics**

**Chair** Krauspe R. (Germany), Chiari Catharina (Austria)

**OP05-301** 6'+1' The evaluation of early results of using total hip replacement in treatment of painful hip dislocation in young adults with spastic plegia  
*Sionek A. (Poland), Czubak J., Czwojdzinski A., Grochowski K.*

**OP05-163** 6'+1' Preoperative planning features of total hip arthroplasty in patients with DDH  
*Shubnyakov I. (Russian Federation), Tikhilov R., Boyarov A.*

**OP05-334** 6'+1' Assessment of femoroacetabular impingement using motion capture and MRI  
*Landgraeber S. (Germany), Cichon R., Raab D., Theysohn J., Lazik-Palm Andrea, Jäger M., Kescemethy A., Kowalczyk W.*

**OP05-31** 6'+1' Does the position of acetabular component affect femoral head autograft healing and survival in developmental hip dysplasia patients?  
*Ozden V. (Turkey), Dikmen G., Beksac B., Tozun I.*

**OP05-340** 6'+1' Total hip arthroplasty (THA) in Developmental Dysplasia of the Hip (DDH). The relevance of the anatomical rotation centre to clinical outcomes.  
*Oñate Martínez Olascoaga D. (Spain), Goodarz Mehdikhani K., Platas Gabriel Laura, Eusamio Mazagatos Beatriz, De Uña Zoe, Gallego Juncal Pilar, Pozas Rodriguez L., Zarzoso Sanchez R.*

**OP05-359** 6'+1' The effect of dislocation type (Crowe Types I-IV) on pelvic development in developmental dysplasia of the hip.  
*Bilgen Ö. (Turkey), Mutlu M., Yaray O.*

**OP05-93** 6'+1' Total hip arthroplasty in crowe type III and IV developmental dysplasia of the hip  
*Taheriazam A. (Iran), Safdari F.*

**OP05-426** 6'+1' Two-stage hip replacement in case of congenital high hip dislocation using soft tissue expander  
*Csernatony Z. (Hungary), Gyorfi G., Huszanyik G., Mano S.*

**OP05-168** 6'+1' Total hip arthroplasty for developmental dysplasia of the hip with lateral uncoverage of acetabular components-what are limits?  
*Tikhilov R. (Russian Federation), Shubnyakov I., Denisov A., Mazourenko A.*

**OP05-293** 6'+1' Impact of the fixing method on acetabular offset in dysplastic hip-joint.  
*Kolodziejczyk K. (Poland), Czwojdzinski A., Sionek A., Czubak J.*

**OP05-234** 6'+1' Lateral rim mesh in primary total hip arthroplasty: A suitable option to reconstruct segmental acetabular bone defects in young patients?  
*Colo Ena (Netherlands), Leenders Liz A.M., Rijnen W., Schreurs B., Hannink G.*

**OP05-80** 6'+1' The long-term results of cementless anatomical short stem especially made for DDH patients.  
*Matsubara M. (Japan)*

**10:30–12:00 Saal 2 Oral presentation**

**OP06 Functional outcome**

**Chair** Heller K. (Germany), Smith E. (United Kingdom)

**OP06-441** 6'+1' Effects of local infiltration analgesia on functional outcome and length of stay in patients with total hip arthroplasty: A randomized controlled trial  
*Unver B., Yuksel E., Kalkan Serpil (Turkey), Maltepe F., Karatosun V.*

**OP06-310** 6'+1' Early hospital readmission after total hip replacement: etiology, risk factors and outcomes  
*Garcia P. (Brazil), Lima G., Garcia P., Kimura O., Freitas E., Fernandes M.*

**OP06-327** 6'+1' Test-retest reliability and minimal detectable change of the timed up and go test and the two minute walk test in patients with total hip arthroplasty  
*Kalkan Serpil (Turkey), Yuksel E., Cekmece S., Unver B., Karatosun V.*

**OP06-362** 6'+1' Effectiveness of balance exercises on falling risk in the acute post-operative period following total hip arthroplasty – a pilot study  
*Elibol Nuray (Turkey), Unver B., Karatosun V.*

**OP06-419** 6'+1' Impaired range of hip motion in patients reporting mobility problems after total hip arthroplasty  
*Mohaddes M. (Sweden), Zügner R., Tranberg R., Rolfson O.*

**OP06-239** 6'+1' Better early functional outcome after short stem total hip arthroplasty?  
*van Beers Loes W.A.H. (Netherlands), Scholtes Vanessa A.B., van Oldenrijk J., Geerdink C., Niers B., Runne W., Bhandari M., Poolman R.*

**OP06-442** 6'+1' The first one hundred total hip arthroplasties in an outpatient setting  
*Coenders M. (Netherlands), Mathijssen Nina, Vehmeijer S.*

**OP06-417** 6'+1' Does changes in health-related quality of life determine patient satisfaction after total hip replacement?  
*Mohaddes M. (Sweden), Nemes S., Garellick G., Rolfson O.*

**OP06-53** 6'+1' Investigation of common postoperative daily activities including snow shoveling andweeding for patients after total hip arthroplasty  
*Kawano T. (Japan), Kijma H., Yamada S., Konishi N., Kubota H., Tarawa H., Suzuki N., Kamo K., Okudera Y., Shimada Y.*

**OP06-288** 6'+1' Can patients really practice sport after THA?  
*Bonnin M., Rollier J., Ait Si Selmi T., Chatelet J., Jacquot L. (France), Chouteau J., Fessy M.*

**OP06-114** 6'+1' Fast-track surgery in total hip arthroplasty: 5 years experience and value-based ealthcare results  
*van der Weegen W. (Netherlands), Hoekstra H., Sijbesma Thea, Das D.*



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**10:30–12:00 Saal 3 ePoster and Oral presentations**

**ePO2 Primary THA**

**Chair** Macheras G. (Greece), Volishin V. (Russian Federation)

**ePO2-364** 4'+1' Direct anterior total hip replacement in supine position using a standard or table: review of complication and reoperation rate.  
*Vanryckeghem V. (Belgium), Londers J.*

**ePO2-26** 4'+1' No increased dislocation rate with minimal precautions after total hip arthroplasty surgery using the posterolateral approach. A prospective, comparative safety study  
*van der Weegen W. (Netherlands), Kornuijt Anke, Das D.*

**ePO2-131** 4'+1' Retrospective comparison of minimally invasive anterolateral and transgluteal lateral approach in primary cementless total hip replacement regarding blood loss and necessity of perioperative allogenic blood transfusion  
*Jungel E. (Germany), Aldinger P.*

**ePO2-40** 4'+1' The introduction of new antibiotic prophylaxis in THR and TKR and impact on patient's renal functions.  
*Ara A. (United Kingdom), Ng A., Shetty A., Akram F., Qamar F.*

**ePO2-125** 4'+1' Short-term outcomes of one-stage bilateral total hip arthroplasty in young patients under 30  
*Taheriazam A. (Iran), Safdari F., Saeidinia A.*

**ePO2-7** 4'+1' One-stage bilateral total hip arthroplasty through a minimally invasive anterior approach (AMIS): Functional outcomes and complications in 45 patients with 2-year follow-up  
*Petridis G. (Germany), Nolde M.*

**ePO2-398** 4'+1' Is bilateral total hip arthroplasty safe? An institutional analysis of 3901 patients  
*Poultides L. (United States of America), Triantafyllopoulos G., Memtsoudis S., Do Huong, Alexiades M., Sculco T.*

**ePO2-16** 4'+1' Predicting long-term outcome in cemented total hip arthroplasty: determining prognosis by early radiological findings  
*Hirose S. (Japan), Morishima T., Watanabe K., Inamori S., Deie M.*

**ePO2-302** 4'+1' The first 6 weeks of recovery after primary total hip arthroplasty with fast-track  
*Klapwijk Lisette, Mathijssen Nina, van Egmond J. (Netherlands), Vehmeijer S.*

**ePO2-47** 4'+1' A comparative study between fast track total hip arthroplasty and standard care  
*Savadkoohi D. (Iran), Siavashi B., Pendar E., Aalirezaei A.*

**ePO2-388** 4'+1' Does handgrip strength effect kinesiophobia in patients with total hip arthroplasty  
*Cekmece S. (Turkey), Ünver B., Karatosun V., Günal I.*

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**ePO2-404** 4'+1' Test-retest reliability of the timed supine-to-stand test in patients with total hip replacement  
*Cekmece S. (Turkey), Yüksel E., Ünver B., Karatosun V.*

**ePO2-371** 4'+1' Does preoperative body weight affect early postoperative functional activities in patients with total hip arthroplasty?  
*Unver B. (Turkey), Karatosun V.*

**ePO2-33** 4'+1' The role of Edmonton Frailty Score and ASA Grading in assessing the morbidity and mortality of fracture neck of femurs in elderly patients  
*Rajeev A. (United Kingdom), Anto J.*

**ePO2-132** 4'+1' Cementless THA following consequences of proximal femur fractures  
*Bondarenko S. (Ukraine), Filipenko V., Mandus A., Mezentsev V.*

**ePO2-177** 4'+1' Midterm outcome of modified Wagner cone modular femoral component in complex primary total hip arthroplasty using anterolateral approach  
*Steno B. (Slovakia)*

**ePO2-11** 4'+1' Excellent mid-term results of a new polished tapered modular cemented stem  
*Somers J., Vanbiervliet J. (Belgium)*

**12:00–12:30 Networking, ePoster viewing, visit of industry exhibition**

**12:30–13:30 Saal 13 Invited Symposium**

**SY09 The register world – what is going on?**

**Organizer** Jansson V. (Germany), Kärrholm J. (Sweden), Smith E. (United Kingdom)  
**Chair** Jansson V. (Germany), Kärrholm J. (Sweden), Tucker K. (United Kingdom)

**SY09-1130** 10'+5' The potential use of registries in the introduction of new implants  
*Tucker K. (United Kingdom)*

**SY09-1131** 10'+5' Dual articular cups in primary and revision total hip replacements  
*Kärrholm J. (Sweden)*

**SY09-1132** 10'+5' Quality and Patient Safety – the Netherlands perspective  
*Nelissen R. (Netherlands)*

**SY09-1133** 10'+5' Structure and first results of the German Registry EPRD  
*Steinbrück A. (Germany)*



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**12:30–13:30 Saal 5 Invited Symposium**

- SY10 Complex primary THA (classification proposal)**  
 Organizer Matziolis G. (Germany)  
 Chair Matziolis G. (Germany), Restrepo N. (Colombia)
- SY10-1188** DDH – femoral side (anatomical variation, appropriate stems, shortening osteotomy indication and technique)  
 10'+2'  
*Restrepo N. (Colombia)*
- SY10-1189** DDH – acetabulum (high COR vs. anatomical COR, fixation of the cup (pressfit/threaded/cemented/bone graft)  
 10'+2'  
*Matziolis G. (Germany)*
- SY10-1190** The super-obese patient (surgical approach, prevention of complications, outcome)  
 10'+2'  
*Brodts S. (Germany)*
- SY10-1191** Prevention of dislocations in patients at risk (dementia, spastic patients, drug abuse)  
 10'+2'  
*Rehbein P. (Germany)*
- SY10-1192** Is there a place for custom made implants in primary hips?  
 10'+2'  
*Steinert A. (Germany)*

**12:30–13:30 Saal 4 Invited Symposium**

- SY11 Biomechanics & Biotribology**  
 Organizer & Chair Grupp T. (Germany), Chevalier Y. (Germany)
- SY11-1116** New aspects of biotribological behaviour of ceramic-on-ceramic THA bearings  
 10'+2'  
*Streicher R. (Switzerland)*
- SY11-1117** Advanced polyethylene materials in total hip arthroplasty  
 10'+2'  
*Grupp T. (Germany)*
- SY11-1118** Biological response to vitamin E stabilised polyethylene particulate debris in an in vivo model  
 10'+2'  
*Hamadouche M. (France)*
- SY11-1119** In vitro micromotion analysis of the cementless Excia T hip stem  
 10'+2'  
*Jäger S. (Germany)*
- SY11-1120**  $\mu$ CT- &  $\mu$ FEA-based stress analysis around the cementless Excia T hip stem  
 10'+2'  
*Chevalier Y. (Germany)*

**12:30–13:30 Saal 2 Oral presentation**

- OP07 Hip Arthroscopy**  
 Chair Villar R. (United Kingdom), Dallari Dante (Italy)
- OP07-228** Hip arthroscopy for paediatric and adolescent pathologies. Indications and outcomes.  
 6'+1'  
*Capurro Soler B. (Spain), Dantas P., Más Martínez J., León García A., Marques López F., Tey Pons M.*
- OP07-457** Mini anterior approach or hip arthroscopy in Tönnis 2 femoroacetabular impingement cases, should we do it?  
 6'+1'  
*Marin-Peña O. (Spain), Ribas Fernández M., Ezechieli M., Chawla A., Lopez-Subías J., Oñorbe F., Montoya J., Larrainzar R.*
- OP07-427** Arthroscopic capsular plication for the treatment of borderline dysplasia of the hip in the adolescent population: A cohort study with minimum two-year follow-up  
 6'+1'  
*Evans P., Redmond J., Hammarstedt J., Liu Yuan, Chaharbakshi E., Domb B., Perets I. (United States of America)*
- OP07-438** Mid-term outcomes and survivorship of hip arthroscopy for the treatment of labral tears and/or femoro-acetabular impingement  
 6'+1'  
*Perets I. (United States of America), Chaharbakshi E., Ashberg L., Walsh J., Close Mary, Domb B.*
- OP07-450** Hip arthroscopy for the treatment of labral tears and/or femoro-acetabular impingement in patients aged 50 years or older: minimum five-year follow-up  
 6'+1'  
*Perets I. (United States of America), Chaharbakshi E., Ashberg L., Close Mary, Walsh J., Domb B.*
- OP07-436** Hip arthroscopy for the treatment of labral tears and/or femoro-acetabular impingement in patients younger than 50 years old: minimum five-year outcomes, survivorship, and risk factors for reoperation  
 6'+1'  
*Perets I. (United States of America), Chaharbakshi E., Ashberg L., Close Mary, Walsh J., Domb B.*
- OP07-241** Arthroscopic treatment of labral tears in patients aged 65 years and older: A multi-center study of prospectively collected outcomes  
 6'+1'  
*Hartigan D. (United States of America), Beradelli Rebecca, Krych A., Levy B., Domb B.*
- OP07-447** The relationship between acetabular labral tear and acetabular chondral damage with the type of femoroacetabular impingement  
 6'+1'  
*Suarez-Ahedo C., Gui C., Rabe Stephanie, Chaharbakshi E., Lodhia P., Domb B., Perets I. (United States of America)*



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**12:30–13:30 Saal 3 Oral presentation**

**13:30–14:15 Saal 13**

- AS1 Chair Award Abstracts: ePoster**  
 Karachalios T. (Greece), Zagra L. (Italy)
- AS1-328 4'+1'** Mid-term stem survival and patient activity after hemiarthroplasty comparing an Exeter, Accolade TMZF and Accolade HFX stem.  
*Spaans Elsa (Netherlands), Wagenmakers R., Koenraadt K., Elmans L., van den Hout J., Bolder S.*
- AS1-150 4'+1'** The direct anterior approach total hip arthroplasty learning curve: evaluation of the first 70 cases  
*Kurincic N. (Slovenia), Cerneka K.*
- AS1-188 4'+1'** Our mid-term results with dual mobility acetabular cup after 1218 cases  
*Kavcic G., Bedencic K. (Slovenia), Gosnik B.*
- AS1-235 4'+1'** Primary total hip arthroplasty in Japanese octogenarians who have longest life span in the world  
*Abe I. (Japan), Shirai C.*
- AS1-396 4'+1'** Comparing three different post-operative chemical venous thrombo-embolism prophylaxis (VTE) in arthroplasty patients  
*Shah N., Siddiq F., Baskaran D. (United Kingdom), Qamar F., Shetty A., Ng A.*
- AS1-434 4'+1'** Costs analysis of femoral heads donation procedure in total hip arthroplasty and bone grafting for hip revision surgery  
*Rizzi L. (Italy), Castelli C.*
- AS1-88 4'+1'** Conversion of hemiarthroplasty to total hip arthroplasty  
*Taheriazam A. (Iran), Safdari F.*
- AS1-247 4'+1'** Trabecular metal for acetabular defects in hip revision surgery. Short term clinical and radiographic evaluation  
*Marongiu G. (Italy), Campacci A., Capone A.*
- AS1-191 4'+1'** A radiological review of hip centre of rotation in revision total hip arthroplasty, trabecular metal versus non trabecular metal.  
*Keogh C. (Ireland), O'Brien C., Harty J.*
- AS1-89 4'+1'** Revision total hip arthroplasty using acetabular reconstruction cage  
*Taheriazam A. (Iran), Safdari F.*
- AS1-223 4'+1'** Fungal periprosthetic hip joint infections  
*Peirano F. (Argentina)*

- Opening**
- Welcome by the President of the European Hip Society  
*Siebert W. (Germany)*
- Highlight** Highlight lecture: Value of ultra sound diagnostics in the infant hip – A lifelong experience  
*Graf R. (Austria)*
- Awarding of EHS Honorary Membership Professor Reinhard Graf  
*Siebert W. (Germany)*

**12:00–12:30 Networking, ePoster viewing, visit of industry exhibition**

**14:30–16:00 Saal 13 Invited Symposium**

- SY12 Modularity in primary hips: which problems does it solve, which problems does it create?**  
 Organizer Zagra L. (Italy)  
 Chair Haddad F. (United Kingdom), Zagra L. (Italy)
- SY12-1039 10'+0'** Which benefits from modularity?  
*Toni A. (Italy)*
- SY12-1040 10'+0'** What is the problem with modular junctions?  
*Skinner J. (United Kingdom)*
- SY12-1122 10'+0'** Can we avoid fretting and corrosion? Technical and surgical factors  
*Morlock M. (Germany)*
- SY12-1041 10'+0'** Stem modularity: pros and cons  
*Benazzo F. (Italy)*
- SY12-1042 10'+0'** Clinical problems with exchangeable necks  
*Bini S. (United States of America)*
- SY12-1043 10'+0'** Clinical relevance of taperosis at the head-neck junction  
*Günther K. (Germany)*
- SY12-1044 10'+0'** Any concern on the acetabular modularity?  
*Epinette J. (France)*
- SY12-1123 0'+20'** Discussion





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**14:30–16:00 Saal 5 Invited Symposium**

**SY13 THA & Sport (EHS/AAHKS Symposium)**  
Organizer Kirschner S. (Germany), Ribas Fernández M. (Spain)  
Chair Imhoff A. (Germany), Ribas Fernández M. (Spain)



**1st PART Effects of high/mild/low impact sports in artificial joints**

SY13-1006 The view of the expert and joint registries  
10'+0' Van der Straeten Catherine (Belgium)

SY13-1007 A new methanalysis: what about evidence to date  
10'+0' Marin-Peña O. (Spain)

**2nd PART Debate: my preferred option**

**The MODEL for the young OA active patient**

SY13b-1218 Resurfacing  
5'+0' Girard J. (France)

SY13b-1219 Short stems  
5'+0' Dallari D. (Italy)

SY13b-1220 Std cementless stem  
5'+0' Dantas P. (Portugal)

SY13b-1221 New generation cemented stem  
5'+0' Schreurs B. (Netherlands)

**The BEARING for the young OA active patient**

SY13b-1222 Ceramic on ceramic  
5'+0' Zagra L. (Italy)

SY13b-1223 Ceramic on polyethylene  
5'+0' Chiron P. (France)

SY13b-1224 Innovative bearing couples  
5'+0' Haddad F. (United Kingdom)

SY13b-1225 Still metal on metal?  
5'+0' Calistri A. (Italy)

**3rd PART Discussion & Open Questionnaire**

SY13-1008 Discussion to specific questions by moderators  
20'+0'

SY13-1009 Audience will provide their own opinions in ARS system to 5 specific  
10'+0' questions after having heard all speakers and positionings

**14:30–16:00 Saal 4 Invited Symposium**

**SY14 Trauma meets arthroplasty hip – Indications, standards, complications**  
Organizer Josten C. (Germany)  
Chair Josten C. (Germany), Röhm Cordula (Germany)

SY14-1212 Primary and secondary arthroplasty after acetabular fractures  
10'+5' Bühren V. (Germany)

SY14-1213 Fractures around arthroplasty of the acetabulum/ cup.  
10'+5' Josten C. (Germany)

SY14-1214 Medial femoral neck fracture of the elderly patients- arthroplasty with or  
10'+5' without cement  
Bonnaire F. (Germany)

SY14-1215 Pertrochanteric fractures – are there indications for immediate hip arthroplasty?  
10'+5' Südkamp N. (Germany)

SY14-1216 Prothetic replacement after failed internal fixation of the proximal femur  
10'+5' Hofmann R. (Germany)

SY14-1217 Periprosthetic fractures - when and how to save the implant?  
10'+5' Stöckle U. (Germany)

**14:30–16:00 Saal 2 Oral presentation**

**OP08 Acetabular revision**  
Chair Tokgozoglu M. (Turkey), Aamodt A. (Norway)

OP08-190 Bone mineral density changes of acetabular impaction bone grafting in  
6'+1' revision total hip arthroplasty  
Gerhardt D. (Netherlands), de Visser E., Hendrickx B., Schreurs B.,  
van Susante J.

OP08-195 Results of dual mobility polar cups in acetabular revisions  
6'+1' Dikmen G. (Turkey), Ozden V., Beksac B., Tozun I.

OP08-252 Promising Short-term data on dual mobility cups used in revision performed  
6'+1' due to dislocation  
Cnudde P. (Sweden), Rolfson O., Kärrholm J., Mohaddes M.

OP08-311 Acetabular reconstruction with combination of structural allograft and  
6'+1' various sizes of grain allograft in Paprosky type 3 bone deficiency, short to  
medium-term result  
Sriphirom P. (Thailand), Jariengprasert A.

OP08-90 Acetabular revision with large bony defects using jumbo cups  
6'+1' Taheriazam A. (Iran), Safdari F.



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- OP08-384 6'+1' Reconstruction of large acetabular defects with pelvic discontinuity through a cup-cage construct  
*Wassilew G. (Germany), Perka C.*
- OP08-29 6'+1' The use of titanium augmentation combined with cemented cup for acetabular bone defect in revision THA  
*Yo H. (Japan), Ohashi H., Sugama R., Ikawa T.*
- OP08-139 6'+1' Trabecular metal cups for acetabular revision arthroplasty. Survivorship and clinical outcomes.  
*Capurro Soler B. (Spain), Marí Molina Raquel, Gamba C., Sala Pujals A., Tey Pons M., León García A., Marques López F.*
- OP08-127 6'+1' Do trabecular metal cups improve the results of hemispherical porous titanium cups in acetabular revision surgery? A midterm follow-up study.  
*Cruz Pardos Ana (Spain), Garcia Rey E., Fernandez Fernandez R., Ortega Chamarro J., Garcia Cimbrello E.*
- OP08-421 6'+1' Porous tantalum uncemented acetabular shells in total hip replacement  
*de Sandes Kimura O. (Brazil), Freitas E., Linhares Garcia P., Leal D., Cury Fernandes M.*
- 14:30–16:00 Saal 3 ePoster and Oral presentations**
- ePO3 Trauma Chair**  
Bondarenko S. (Ukraine), Tikhilov R. (Russian Federation)
- ePO3-171 4'+1' Hip-spine syndrome in the etiopathogenesis of avascular necrosis of the femoral head  
*Shilnikov V. (Russian Federation), Tikhilov R., Denisov A., Shubnyakov I.*
- ePO3-67 4'+1' Pathology about absence of joint space narrowing coxarthrosis of DDH.  
*Matsubara M. (Japan), Kimura A., Kase M., Ogawa H., Yamada J., Okuda N., Sato Atsuko*
- ePO3-54 4'+1' Dislocation fracture of the hip caused by a depressed fracture of the femoral head corresponding to a Hill-Sachs lesion of the shoulder: a case report  
*Okudera Y. (Japan), Kijima H., Yamada S., Konishi N., Kubota H., Tazawa H., Tani T., Suzuki N., Kamo K., Shimada Y.*
- ePO3-156 4'+1' Surgical treatment of posterior wall fracture combined with femoral head fracture - effectiveness of surgical dislocation for femoral head fracture  
*Nakamura Y. (Japan), Chosa E., Sakamoto T., Ikejiri H., Hiyoshi M., Kawano K.*
- ePO3-351 4'+1' Risk factors for medical and orthopaedic complications after a hip fracture: surgical delay as a risk factor for wound infection  
*Cordero-Ampuero J. (Spain), Iborra S., Maldonado A.*
- ePO3-345 4'+1' Analysis of the treatment failures for intertrochanteric fractures with dynamic hip screw (DHS)  
*Savadkoohi D. (Iran), Siavashi B., Golbakhsh M., Karimnia A., Roshandel H.*

- ePO3-272 4'+1' Use of long cephalomedullary nail in osteoporotic trochanteric fractures with wide medullary canal  
*Choo S. (South Korea (ROK)), Oh H., Koh K., Oh S., Chang Y.*
- ePO3-265 4'+1' Cementless bipolar hemiarthroplasty for femoral neck fractures in elderly-early results of 42 cases  
*Rastogi S. (India), Marya S.*
- ePO3-122 4'+1' Bipolar hemiarthroplasty in elderly with femoral neck fracture: surgical approach matters  
*Salehi N., Mortazavi S., Aminjavaheri S. (Iran)*
- ePO3-273 4'+1' Six months functional outcome of hip fractures in the elderly, mid term report  
*Choo S. (South Korea (ROK)), Oh H., Koh K., Chang Y., Kim Y., Yeom J.*
- ePO3-452 4'+1' Dislocation and complications after THR for acute femoral neck fractures  
*Turaev A. (United Kingdom), Cockburn Hannah Jane, Fadulemola A., Radhakrishnan A., Shah N., Wynn Jones H.*
- ePO3-91 4'+1' Total hip arthroplasty following failed internal fixation of the proximal femoral fractures  
*Taheriazam A. (Iran), Safdari F.*
- ePO3-154 4'+1' Preliminary clinical experience of an innovative device for prophylactic reinforcement of contralateral hip fracture  
*Aebi M. (Switzerland), Szpalski M., Gunzburg R., Reynders P., Jayankura M., Le Huec J.*
- ePO3-32 4'+1' Risk factors for bone cement implantation syndrome: a retrospective study and a protocol for high risk patients  
*Assiotis A. (United Kingdom), Nahas S., Smith J., Pengas I., Bartlett G., Ahearne D.*
- ePO3-23 4'+1' Short term results of the use of constrained acetabular cup for dislocation of hemiarthroplasty of the hip in elderly patients  
*Rajeev A. (United Kingdom), Banaszkiwicz P.*
- ePO3-197 4'+1' Arthroscopic labral repair versus labral debridement in patients with femoroacetabular impingement: a minimum 2.5 year follow-up study  
*Toker B., Cetinkaya S., Ozden V., Dikmen G. (Turkey), Taser O.*
- ePO3-214 4'+1' Publication rate of abstracts presented at the 11th European Hip Society Congress  
*Nalbant A. (Turkey), Unver B., Akkan H.*
- ePO3-254 4'+1' Linking Swedish health data registers to establish a research database. Adding an extra dimension to the Swedish Hip Arthroplasty Register?  
*Cnudde P. (Sweden), Rolfson O., Nemes S., Kärrholm J., Rehnberg C., Rogmark Cecilia, Timperley J., Garellick G.*



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**16:00–16:30 Networking, ePoster viewing, visit of industry exhibition**

**16:30–17:30 Saal 13 Invited Symposium**

- SY15** **Diagnostics, microbiology and pathology of infected THA**  
Organizer Gollwitzer H. (Germany), Gravius S. (Germany), Matziolis G. (Germany), Wirtz D. (Germany)  
Chair Gollwitzer H. (Germany), Tiemann A. (Germany)
- SY15-1183** Imaging diagnostics – new procedures in periprosthetic infections  
12'+0' Braunschweig R. (Germany)
- SY15-1184** Histopathological diagnostics in periprosthetic infections: possibilities and limitations  
12'+0' Krenn V. (Germany)
- SY15-1185** Possibilities and limitations of the Multiplex-PCR in diagnosing periprosthetic infection  
12'+0' Gravius S. (Germany)
- SY15-1186** Periprosthetic hip infections – only a problem of biofilm or more?  
12'+0' Ochsner P. (Switzerland)
- SY15-1187** Discussion  
0'+12'

**16:30–17:30 Saal 15 Invited Symposium**

- SY16** **Hip arthroscopy I - Basics & indications**  
Organizer Dienst M. (Germany), Thorey F. (Germany), Villar R. (United Kingdom)  
Chair Thorey F. (Germany), Villar R. (United Kingdom)
- SY16-1065** Indications for arthroscopic treatment  
8'+4' Rego P. (Portugal)
- SY16-1066** FAI – what can be done arthroscopically?  
8'+4' Dantas P. (Portugal)
- SY16-1067** Central vs. peripheral first  
8'+4' Flecher X. (France)
- SY16-1068** Capsular release - portal site incisions, longer cuts & repair  
8'+4' Ribas Fernández M. (Spain)
- SY16-1069** Dysplastic hip - when osteotomy, when arthroscopy, when both?  
8'+4' Dienst M. (Germany)

**16:30–17:30 Saal 4 Invited Symposium**

- SY17** **Primary THA in European countries - what is your preferred technique?**  
Organizer & Chair Siebert W. (Germany), Schreurs B. (Netherlands)
- SY17-1171** Direct anterior approach  
6'+2' Vehmeijer S. (Netherlands)
- SY17-1172** MIS anterolateral approach  
6'+2' Rehbein P. (Germany)
- SY17-1173** Direct lateral approach  
6'+2' Günther K. (Germany)
- SY17-1174** MAASH-technique  
6'+2' Delgado Lopez F. (Spain)
- SY17-1175** Early results and learning curve data for hip replacment using a novel, supracapsular, tissue sparing approach "SuperPATH"  
6'+2' Cronin M. (United Kingdom)
- SY17-1176** Posterior approach  
6'+2' Smith E. (United Kingdom)
- SY17-1177** What is important? Advantages and disadvantages of the different approaches – my personal view  
6'+2' Zagra L. (Italy)

**16:30–17:30 Saal 2 Oral presentation**

- OP09** **Paediatrics**  
Chair Tschauer C. (Austria), Peterlein C. (Germany)
- OP09-379** Posterior rotational femur osteotomy in treatment for type II avascular necrosis in young children  
6'+1' Sakalouski A. (Belarus), Lihachevskiy U., Dosanov B., Darya Sakalouskaya
- OP09-245** Individual approach to hip joint arthroplasty in children  
6'+1' Baskov V. (Russian Federation), Baidurashvili A., Neverov V., Filippova Anastasia, Bortulev P.
- OP09-237** The application of 3D modeling technology in the femur correcting osteotomy and iliac pelvic osteotomy  
6'+1' Baidurashvili A., Baskov V., Filippova Anastasia (Russian Federation), Bortulev P.
- OP09-20** Doppler ultrasound examination of the blood supply to the hip joint in children with femoral head dystrophic changes  
6'+1' Kozhevnikov V. (Russian Federation), Grigoricheva Ludmila, Bobrysheva Elena



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- OP09-378 Triple pelvic osteotomy in children with Perthes Disease  
6'+1'  
*Sakalouski A. (Belarus), Dementsov A., Darya Sakalouskaya*
- OP09-220 Triple pelvic osteotomy for Legg-Calve-Perthes disease: effective optin in severe cases  
6'+1'  
*Barsukov D. (Russian Federation), Baskov V., Pozdnikin I., Bortulev P.*
- OP09-277 Long-term results of triple pelvic osteotomy from anterior approach in adolescents with DDH  
6'+1'  
*Sakalouski A. (Belarus)*
- OP09-283 Long-term results of posterior rotational femur osteotomy in treatment of postseptic hip deformity in children  
6'+1'  
*Sakalouski A. (Belarus)*

**16:30–17:30 Saal 3 Oral presentation**

- OP10 Tribology**  
Chair Necas L. (Slovakia), Baker R. (United Kingdom)
- OP10-242 Can femoral component alignment increase metal ion levels in metal-on-metal hip resurfacing?  
6'+1'  
*Cuenca Llavall Marta (Spain), León García A., Fraile Suari Anna, Marqués López F.*
- OP10-10 Metal ion levels in ceramic-on-ceramic THR with Cobalt-Chrome modular necks  
6'+1'  
*Somers J. (Belgium)*
- OP10-206 Fretting and corrosion - what are the influencing factors?  
6'+1'  
*Pandorf T. (Germany), Kurtz S., Streicher R.*
- OP10-178 Lessons learnt from a patient trial with a polymer-on-polymer resurfacing hip arthroplasty.  
6'+1'  
*van Susante J. (Netherlands), Verdonschot N., Bom P., Buma P., Tomaszewski P., Campbell Pat, Ebramzadeh E., Schreurs B.*
- OP10-161 New polyethylenes in total hip replacement: a 15-year follow-up study  
6'+1'  
*García Rey E. (Spain), Garcia Cimbreló E., Cruz Pardos Ana*
- OP10-387 Low incidence of complications with third generation 36 mm ceramic on ceramic in active young adult  
6'+1'  
*Marin-Peña O. (Spain), Chawla A., Lopez-Subías J., Limousin B., Fernandez E., Oñorbe F., Montoya J., Larrainzar R.*
- OP10-408 Influence of impaction force and support compliance on initial taper stability  
6'+1'  
*Nevelos J., Scholl Laura, Pierre D., Lee R., Ambrosi M., Faizan A. (United States of America), Ten Huisen K.*

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- OP10-202 Outcomes of unrevised hip resurfacing patients: function, metal ion concentrations and MARS-MRI results with a minimum 10 years follow up  
6'+1'  
*van der Weegen W. (Netherlands), Koolen Noortje, Das D., Brakel K., Sijbesma Thea*

**17:30–18:30 Saal 13 Invited Symposium**

- SY18 Treatment and outcome of infected THA**  
Organizer Gollwitzer H. (Germany), Gravius S. (Germany), Matziolis G. (Germany), Wirtz D. (Germany)  
Chair Gehrke T. (Germany), Wirtz D. (Germany)
- SY18-1178 The 1-stage revision strategy – the ENDO Clinic Experience  
12'+0'  
*Gehrke T. (Germany)*
- SY18-1179 Pros and Cons of two-stage revision of infected THA  
12'+0'  
*Brodt S. (Germany)*
- SY18-1180 Patient tailored revision strategy in PJI – The Liestal Approach  
12'+0'  
*Clauss M. (Switzerland)*
- SY18-1181 Megaimplants – all problems solved?  
12'+0'  
*Ascherl R. (Germany)*
- SY18-1182 Discussion  
0'+12'

**17:30–18:30 Saal 5 Invited Symposium**

- SY19 Hip Arthroscopy II - Surgical techniques and results**  
Organizer Dienst M. (Germany), Thorey F. (Germany), Villar R. (United Kingdom)  
Chair Dienst M. (Germany), Ribas Fernández M. (Spain)
- SY19-1070 Restoration of bony deformation & disorientation – technical pearls  
8'+4'  
*Zingg P. (Switzerland)*
- SY19-1071 Cartilage Repair – Microfracture vs. AMIC vs. ACI  
8'+4'  
*Thorey F. (Germany)*
- SY19-1072 Labrum – Resect vs. Repair vs. Reconstruction  
8'+4'  
*Bataillie F. (Belgium)*
- SY19-1073 Extraarticular Arthroscopy – established vs. experimental  
8'+4'  
*Gollwitzer H. (Germany)*
- SY19-1074 Results and complications of arthroscopic hip surgery – evidence vs. eminence  
8'+4'  
*Villar R. (United Kingdom)*



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**17:30–18:30 Saal 4 Invited Symposium**

- SY20** **What is going on in Orthopaedics in Europe? Who makes the decisions?**  
 Organizer & Chair  
 Günther K. (Germany), Kjaersgaard-Andersen P. (Denmark)
- SY20-1082** Introduction: Hip surgeons in the new regulative world:  
 15'+0'  
 How much freedom is left?  
 Günther K. (Germany)
- SY20-1083** Panel discussion  
 0'+45'  
 Günther K. (Germany), Nelissen R. (Netherlands), Overgaard S. (Denmark), Tucker K. (United Kingdom), Vermeulen R. (Belgium), Weidringer J. (Germany)

**17:30–18:30 Saal 2 Oral presentation**

- OP11** **Short Stem**  
 Chair  
 Hochreiter J. (Austria), Marin-Peña O. (Spain)
- OP11-175** Our experience with short stem hip replacement surgery  
 6'+1'  
 Rastogi S. (India), Marya S.
- OP11-160** Restauration of offset in partial neck preserving short stem hip arthroplasty  
 6'+1'  
 and its influence on clinical outcome  
 Köster G. (Germany), Poulidis Z.
- OP11-144** Does extensive varus/valgus stem alignment in calcar guided  
 6'+1'  
 short-stem THA cause trouble?  
 Kutzner K. (Germany), Kovacevic M., Donner Stefanie, Freitag T., Rehbein P., Schneider M., Pfeil J., Bieger R.
- OP11-393** "Stemless" versus traditional implants in total hip arthroplasty:  
 6'+1'  
 A retrospective case-control study  
 Donati F., De Ieso C., Campana V., Sarracco Michela, Logroscino G. (Italy)
- OP11-432** Short stem and conventional hip arthroplasty comparison:  
 6'+1'  
 Functional and radiological results  
 Kallivokas A. (United Kingdom), Daivanjna S., Villar R., Bajwa A.
- OP11-353** Early functional recovery after cementless total hip arthroplasty (THA)  
 6'+1'  
 with a metaphyseal short stem.  
 Giannini M., Zagra L. (Italy)
- OP11-212** Clinical and radiographic results with a new short stem at 5 years of follow-up  
 6'+1'  
 Loppini M. (Italy), Astore F., Caldarella E., Della Rocca F., Mazziotta G., Ricci D., Ruggeri R., Santoro G., Traverso F., Grappiolo G.

**17:30–18:30 Saal 3 Oral presentation**

- OP12** **Hip & spine**  
 Chair  
 Heller K. (Germany), Krismer M. (Austria)
- OP12-210** Analysis of the functional pelvic orientation in the sagittal plane: a radio-  
 6'+1'  
 graphic study with EOS 2D/3D Technology  
 Loppini M. (Italy), Astore F., Caldarella E., Della Rocca A., Della Rocca F., Ricci D., Grappiolo G.
- OP12-113** Evaluation of dynamic sagittal alignment in elderly people with pelvic  
 6'+1'  
 retroversion  
 Sasaki K. (Japan), Kijima H., Yamada S., Konishi N., Kubota H., Tazawa H., Okudera Y., Kawano T., Shimada Y.
- OP12-120** Are the radiographic indices of pelvic tilt the same in dysplastic hip?  
 6'+1'  
 Koyama H. (Japan), Togawa D., Nishikino S., Furuhashi H., Nakamura H., Hoshino H., Matsuyama Y.
- OP12-169** Chronic pain in the lumbosacral spine after total hip replacement  
 6'+1'  
 Denisov A. (Russian Federation), Shilnikov V., Tikhilov R., Shubnyakov I.
- OP12-205** Dislocation of primary total hip arthroplasty is more common in patients  
 6'+1'  
 with lumbar spinal fusion  
 Vigdorich J., Buckland A., Puvanesarajah V., Jain A., Schwarzkopf R. (United States of America), Hart R., Klineberg E.
- OP12-267** Risk of total hip arthroplasty dislocation after adult spinal deformity  
 6'+1'  
 correction  
 Vigdorich J., Buckland A., Schwarzkopf R. (United States of America), Hart R., Lafage Virginie, Bess S.
- OP12-270** Total hip arthroplasty in the spinal deformity population: Does degree  
 6'+1'  
 of deformity affect rates of safe zone placement, instability, or revision?  
 Schwarzkopf R. (United States of America), DelSole E., Errico T., Vigdorich J., Buckland A.



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**8:30–10:00 Saal 13a Invited Symposium**

- SY21 Revision femoral arthroplasty**  
Organizer Ullmark G. (Sweden)  
Chair Thorey F. (Germany), Malchau H. (Sweden)
- SY21-1010** Problems to face and solve in a femur revision situation  
15'+0' *Malchau H. (Sweden)*
- SY21-1011** Minor defect revision  
15'+0' *Smith E. (United Kingdom)*
- SY21-1012** Major defect revision using uncemented distal anchoring stem or maybe long cemented  
15'+0' *Wretenberg P. (Sweden)*
- SY21-1013** Major defect revision using impaction bone grafting  
15'+0' *Schreurs B. (Netherlands)*
- SY21-1014** Discussion  
0'+30'

**8:30–10:00 Saal 13b Invited Symposium**

- SY22 AFACOT / SOTEST Symposium – The French perspective**  
Organizer Chiron P. (France), Henky P. (France), Pfeil J. (Germany)  
Chair Henky P. (France), Sautet A. (France), Kuhn H. (Germany) 
- SY22-1022** Is the search for nasal carriage staphylococcus essential before arthroplasty  
8'+0' *Chiron P. (France), Cavaignac E. (France)*
- SY22-1023** Fast track and total hip arthroplasty: implementation and results in a continuous series of 430 total hip arthroplasties  
8'+0' *Henky P. (France)*
- SY22-1024** Is metalback useful for a polyethylene insert?  
8'+0' *Chiron P. (France), Cavaignac E. (France)*
- SY22-1025** Mosaic plasty of the femoral head for focal AVN: a case series of 5 patients at 18 months mean follow up  
8'+0' *May O. (France)*
- SY22-1026** Necrosis and interest of dual mobility  
8'+0' *Baulot E. (France)*
- SY22-1027** Endoscopic treatment for refractory greater trochanteric pain syndrome  
8'+0' *May O. (France)*
- SY22-1028** 5 years follow up – hip arthroscopy for CAM impingement  
8'+0' *Donner Stefanie (Germany)*

- SY22-1029** The medial approach of the hip, an original action  
8'+0' *Cavaignac E. (France), Chiron P. (France)*
- SY22-1030** Incidence of heterotopic ossifications using minimal-invasive approaches – Do short-stems offer advantages?  
8'+0' *Kutzner K. (Germany)*
- SY22-1031** Discussion  
0'+12'

**8:30–10:00 Saal 5 Oral presentation**

- OP13 Hip Arthroscopy**  
Chair Dienst M. (Germany), Ribas Fernández M. (Spain)
- OP13-445** Does a prior hip arthroscopy affect clinical outcomes in total hip arthroplasty? A matched cohort study.  
6'+1' *Poultides L. (United States of America), Sosa B., Lee Yuo-y, Oi Kathryn, Buly R.*
- OP13-444** Minimum two-year outcomes of hip arthroscopy in patients with acetabular over coverage and profunda acetabulae in comparison to a matched control with normal acetabular coverage.  
6'+1' *Chandrasekaran S., Darwish N., Chaharbakhshi E., Suarez-Ahedo C., Lodhia P., Domb B., Perets I. (United States of America)*
- OP13-413** Clinical outcomes of hip arthroscopy in radiographically diagnosed retroverted acetabula  
6'+1' *Hartigan D., Perets I. (United States of America), Walsh J., Close Mary, Chaharbakhshi E., Domb B.*
- OP13-448** Clinical outcomes of hip arthroscopy in patients with femoral retroversion: a matched study with patients with normal femoral anteversion.  
6'+1' *Hartigan D., Perets I. (United States of America), Walsh J., Chaharbakhshi E., Close Mary, Domb B.*
- OP13-418** Does the femoral cam lesion regrow after arthroscopic femoroplasty in the skeletally immature patient with an open femoral head physis? Radiographic review and clinical outcomes with minimum two-year follow-up  
6'+1' *Perets I. (United States of America), Gupta A., Chaharbakhshi E., Hartigan D., Ashberg L., Domb B.*
- OP13-84** Femoral neck fracture after arthroscopic femoroplasty: a systematic review of literature  
6'+1' *Zimmerer A. (Germany), Miehlke W., Sobau C.*
- OP13-443** Endoscopic repair of partial thickness undersurface tears of the abductor tendon (PUSTA): Clinical outcomes with minimum two-year follow-up  
6'+1' *Domb B., Perets I. (United States of America), Ho S., Walsh J., Close Mary, Hartigan D.*



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- OP13-381 6'+1' Arthroscopic assisted mini-open approach of the hip for the treatment of benign tumours of the femoral head and neck- a case series of 6 patients  
*Ezechieli M. (Germany), Calliess T.*
- OP13-416 6'+1' Results of hip arthroscopy in patients with MRI diagnosis of sub-chondral cysts – A case series  
*Hartigan D., Perets I. (United States of America), Close Mary, Walsh J., Chaharbakhshi E., Domb B.*
- OP13-415 6'+1' Is the evaluation of the anterior inferior iliac spine (AIIS) in conventional x-rays possible? Analysis of conventional x-rays and 3D-CT reconstructions.  
*Krüger D. (Germany), Windler M., Perka C., Schröder J.*
- OP13-62 6'+1' Which is the most useful patient based measurement in femoroacetabular impingement?  
*Nalbant A. (Turkey), Bozan Özgür, Unver B.*
- OP13-430 6'+1' The relationship between arthroscopically defined acetabular cartilage defects and preoperative dGEMRIC indices: Refining the use of dGEMRIC  
*Perets I. (United States of America), Chaharbakhshi E., Hartigan D., Jester J., Musabji A., Domb B.*

**8:30–10:00 Saal 4 Oral presentation**

- OP14 PROM's Chair  
Nogler M. (Austria), Bachmann S. (Germany)
- OP14-360 6'+1' Which is the most useful patient based measurement in total hip replacement?  
*Nalbant A. (Turkey), Unver B.*
- OP14-370 6'+1' Relationships between performance-based tests and patient-based outcome measures in patients with total hip arthroplasty  
*Yuksel E., Cekmece S., Kalkan Serpil (Turkey), Unver B., Karatosun V.*
- OP14-395 6'+1' Are healthy quality surveys useful to measure the patients anxiety and depression  
*Cekmece S. (Turkey), Yüksel E., Ünver B., Karatosun V.*
- OP14-392 6'+1' Does preoperative anxiety and depression reduce the postoperative functional level in patients with hip arthroplasty due to hip fracture?  
*Cekmece S. (Turkey), Ünver B., Karatosun V.*
- OP14-369 6'+1' Assessing minimal detectable change and reliability of balance tests in patients with total hip arthroplasty  
*Unver B., Yuksel E., Kalkan Serpil (Turkey), Cekmece S., Karatosun V.*
- OP14-329 6'+1' Reliability of ten step agility test in patients with hip arthroplasty  
*Cekmece S. (Turkey), Yüksel E., Ünver B., Karatosun V.*

- OP14-253 6'+1' Does pre-operative patient-reported health status determine mortality after total hip replacement?  
*Cnudde P. (Sweden), Nemes S., Mohaddes M., Timperley J., Garellick G., Burström Kristina, Rolfson O.*
- OP14-133 6'+1' The effect of patient education on length of stay using value-based discharge criteria  
*Meermans G. (Netherlands), Van Doorn J., Kats J.*
- OP14-391 6'+1' Investigation of relationship between preoperative grip strength measurement and duration of hospital stay in patients with total hip arthroplasty  
*Cekmece S. (Turkey), Ünver B., Karatosun V., Günal I.*
- OP14-261 6'+1' Same day mobilisation following total hip arthroplasty improves outcome in enhanced recovery programmes  
*Haggis P. (United Kingdom), Popat R., Buddhdev P., Holloway I.*
- OP14-324 6'+1' Patient experience in day care total hip arthroplasty using a standard posterior approach  
*Boevé Margreet (Netherlands), Bolder S., van den Hout J., Koenraadt K., van Geenen R.*

**8:30–10:00 Saal 2 ePoster and Oral presentations**

- ePO4 Revision THA Chair  
Asparuhov A. (Bulgaria), Dungal P. (Czech Republic)
- ePO4-401 4'+1' Importance of proper placement of implants in hip arthroplasty  
*Martinez-Espinosa M. (Spain), Donaire-Hoyas D., Albert-Ullibarri A.*
- ePO4-298 4'+1' Conversion from hip joint arthrodesis into total hip replacement in young adults: assesment of results  
*Sionek A. (Poland), Czubak J., Czwojdzinski A., Grochowski K.*
- ePO4-225 4'+1' Ceramic insert fracture in cementless THR with modular neck, ceramic on ceramic  
*Peirano F. (Argentina), Canale C., Varas G., Ortiz C.*
- ePO4-64 4'+1' An unusual phenomenon seen after ceramic-on-ceramic total hip replacement: case report  
*Kivrak A. (Turkey), Unlu M., Terzi E., Botanlioglu H., Kaynak G., Pirincci Y., Can A.*
- ePO4-52 4'+1' Long-term outcome of a modular head adapter system in revision hip arthroplasty for multimorbid patients  
*Kock H. (Germany), Cho S.*
- ePO4-61 4'+1' Anterior femoral osteotomy for revision hip arthroplasty  
*Janipireddy S. (United Kingdom)*



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ePO4-314 Femoral revision hip arthroplasty: a modular stem in medium term  
4'+1'  
Garcia P. (Brazil), Sousa Filho P., Garcia P., Kimura O., Freitas E., Fernandes M.

ePO4-60 Revision THA with impacted bone allografts and cemented Lubinus SP II stem  
4'+1'  
Ullmark G. (Sweden), Stigbrand H.

ePO4-94 Dual mobility cups for recurrent dislocation of total hip arthroplasty  
4'+1'  
Taheriazam A. (Iran), Safdari F.

ePO4-332 Revision total hip arthroplasty for metal-on-metal devices: blood management and efficiency of an orthopaedic autotransfusion system  
4'+1'  
Friesenbichler J. (Austria), Maurer-Ertl W., Fellner A., Holzer L., Weger C., Leithner A.

ePO4-397 Long term results of acetabular reconstruction with Mueller reinforcement ring  
4'+1'  
Maeda A. (Japan)

ePO4-68 Cup Ccge reconstruction for massive acetabular defects and pelvic discontinuity  
4'+1'  
Fraile Suari Anna (Spain), Marqués López F., Tey Pons M., Cuenca Llavall Marta, León García A.

ePO4-106 Acetabular revision arthroplasty by Pinnacle Gription revision cup, augments and Chronos vivify allografts with PRP/MSCs  
4'+1'  
Zanasi S. (Germany)

ePO4-165 The management of severe acetabular bone defects in revision hip arthroplasty: Burch-Schneider Cage  
4'+1'  
Tikhilov R. (Russian Federation), Shubnyakov I., Tsybin A., Denisov A., Karpukhin A.

ePO4-403 Reconstruction of massive acetabular defects using allogeneic cancellous bone graft and a Burch-Schneider ring  
4'+1'  
Santos Leite P. (Portugal), Neves P., Barreira P., Serrano P., Ramos J.,

8:30–18:00 Foyer 1<sup>st</sup> Floor ePoster exhibition

10:00–10:30 Visit of industry exhibition, ePoster viewing

10:30–12:00 Saal 13a Invited Symposium

**SY23 Revision acetabular arthroplasty**  
Organizer Ullmark G. (Sweden)  
Chair Schreurs B. (Netherlands), Siebenrock K. (Switzerland)

SY23-1000 Problems to face and solve in an acetabular revision situation  
15'+0'  
Thorey F. (Germany)

SY23-1002 Minor defect revision  
15'+0'  
Epinette J. (France)

SY23-1003 Major defect revision using augments  
15'+0'  
Gehrke T. (Germany)

SY23-1004 Major defect revision using impaction bone grafting  
15'+0'  
Stigbrand H. (Sweden)

SY23-1005 Discussion  
0'+30'

10:30–12:00 Saal 13b Invited Symposium

**SY24 Short stem II**  
Organizer Pfeil J. (Germany)  
Chair Siebert W. (Germany), Pfeil J. (Germany)

SY24-1045 Osteological Competence of Short Bone Conserving Hip Stems  
15'+0'  
Koch F. (Germany), Kälicke T. (Germany)

SY24-1046 Osteological Competence of Short Bone Conserving Hip Stems  
15'+0'  
Nitsche L. (Germany), Scheerlinck T. (Belgium)

SY24-1047 The value of intraoperative X-ray examination in short stem arthroplasty. Do we need it during short stem arthroplasty?  
8'+0'  
Schneider M. (Germany)

SY24-1048 Subsidence of short stems  
8'+0'  
Kutzner K. (Germany)

SY24-1049 Primary stability of bone preserving and short hip stems  
8'+0'  
Thomson M. (Germany)

SY24-1050 Short stem in hip necrosis  
8'+0'  
Felmeden U. (Germany)

SY24-1051 Difficult THR – Indications and limits for different short stem prosthesis  
8'+0'  
Kuhn H. (Germany)

SY24-1052 Short stem as revision implant  
8'+0'  
Rehbein P. (Germany)

10:30–12:00 Saal 5 Invited Symposium

**SY25 Rapid rehabilitation – 24hours discharge – after THA**  
Organizer & Chair Schwarzkopf R. (United States of America), Tsiridis E. (Greece)

SY25-1149 Outpatient hip replacement surgery. When am I ready to do it? Which of my patients are ready to have it?  
15'+0'  
Davidovitch R. (United States of America)





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- SY25-1150 15'+0' Perioperative Orthopaedic Surgical Home – POSH  
*Schwarzkopf R. (United States of America)*
- SY25-1156 15'+0' Direct superior approach and 48h LOS in 200 cases.  
Management and outcomes  
*Tsiridis E. (Greece)*
- SY25-1157 15'+0' MIS and short LOS arthroplasty in HSS NY  
*Poultides L. (United States of America)*
- SY25-1158 0'+30' Discussion

**10:30–12:00 Saal 4 Oral presentation**

- AS2 Chair Award Abstracts: Oral**  
Günther K. (Germany), Ullmark G. (Sweden)
- AS2-112 7'+2' Results of the Austrian ultrasound screening program for developmental dysplasia of the hip  
*Thallinger C. (Austria), Pospischill Renata, Ganger R., Radler C., Krall C., Grill F.*
- AS2-405 7'+2' Does cartilage composition change after joint preserving hip surgery for FAI – Preliminary data of a prospective comparative longitudinal study using delayed gadolinium enhanced MRI of cartilage (dGEMERIC) at 3 T  
*Schmaranzer F. (Switzerland), Haefeli P., Hanke M., Todorski Inga, Werlen S., Tannast M., Siebenrock K.*
- AS2-349 7'+2' 30 year follow-up after Bernese periacetabular osteotomy  
*Lerch T. (Switzerland), Tannast M., Steppacher S., Siebenrock K.*
- AS2-357 7'+2' Intraoperative two-stage evaluation of muscle contractures in crowe type IV hips in total hip arthroplasty  
*Bilgen Ö. (Turkey), Yaray O., Mutlu M.*
- AS2-411 7'+2' Introduction of new acetabular designs does not influence risk of early failure in hip arthroplasty  
*Mohaddes M. (Sweden), Nemes S., Kärrholm J.*
- AS2-86 7'+2' Bilateral total hip arthroplasty: one-stage versus two-stage procedure  
*Taheriazam A. (Iran), Safdari F.*
- AS2-218 7'+2' Cement-in-cement stem revisions. The Swedish experience.  
*Cnudde P. (Sweden), Rolfson O., Timperley J., Kärrholm J., Mohaddes M.*
- AS2-184 7'+2' Possibility of DRR images as a substitute for X-ray images  
*Nakamura H. (Japan), Koyama H., Nishikino S., Hoshino H., Matsuyama Y.*

**10:30–12:00 Saal 2 ePoster and Oral presentations**

- ePO5 Chair THA**  
Kvederas G. (Lithuania), Richter J. (Germany)
- ePO5-70 4'+1' Change in femoral neck anteversion relative to the retrocondylar coordinate system and computed tomography axial plane  
*Imai N. (Japan), Dai M., Hirano Y., Suzuki H., Endo N.*
- ePO5-262 4'+1' Total hip arthroplasty in a patient with systemic mastocytosis  
*Santos Leite P. (Portugal), Neves P., Barreira P., Serrano P., Silva Marta, Barros L., Esteves J., Cardoso P.*
- ePO5-221 4'+1' The results of total hip arthroplasty for tumors of the proximal femur  
*Protsenko V., Chorneyi V. (Ukraine), Duda B.*
- ePO5-414 4'+1' Gout, a rare cause of the painful hip arthroplasty  
*Afinowi R. (United Kingdom), Taggart T., Hahnel J.*
- ePO5-451 4'+1' Intraoperative femoral fractures during cementless total hip arthroplasty  
*Miura Yoko (Japan)*
- ePO5-342 4'+1' Adverse reactions to metal debris in DUROM hip resurfacing – pseudotumor incidence and metal ion concentrations  
*Hartmann A. (Germany), Kieback J., Lütznier J., Günther K., Gorony J.*
- ePO5-152 4'+1' Total hip arthroplasty with application of single-crystal corundum in the friction pair  
*Filipenko V. (Ukraine), Bondarenko S., Tankut O., Mezentsev V., Marushchak O., Hetman A.*
- ePO5-309 4'+1' Results and complications of total hip arthroplasty with ceramic-ceramic  
*Garcia P. (Brazil), Leal D., Kimura O., Freitas E., Fernandes M.*
- ePO5-268 4'+1' The metasul metal-on-metal total hip arthroplasty: A minimum 15 year follow-up  
*Stavropoulos N. (Canada), Alkhalidi S., Epure Laura, Zukor D., Huk Olga, Antoniou J.*
- ePO5-312 4'+1' Medium term durability of the CLS cementless femoral prosthesis  
*Garcia P. (Brazil), Lugin D., Kimura O., Freitas E., Fernandes M.*
- ePO5-216 4'+1' 30-years of experience with the cementless implanted Alloclassic total hip arthroplasty system – An ultra-long-term follow-up  
*Böhler N., Pisecky L. (Austria), Schauer B.*



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**ePO5-373** 4'+1' A short stem with metaphyseal fixation reveals a more physiological strain pattern compared to a standard stem - an experimental study in cadaveric bone  
*Flörkemeier T. (Germany), Weltin Jennifer, Budde S., Hurschler C., Windhagen H., von Lewinski Gabriela, Gronewold J.*

**ePO5-238** 4'+1' Clinical results of minimally invasive anterolateral THA using a short femoral stem  
*Sasaki Toshie (Japan), Kodama T., Okai H., Hasegawa T., Katsuyama Eri*

**ePO5-366** 4'+1' Clinical and radiographic results of short stems for total hip arthroplasty at midterm follow-up  
*Logroscino G. (Italy), Donati F., Campana V., De Ieso C., Cerulli G.*

**ePO5-98** 4'+1' RM acetabular cup: multicentric experience in colombia  
*Restrepo N. (Colombia), Arbelaez W., Martínez C.*

**ePO5-375** 4'+1' The postoperative reduction in bone density around the cement – less acetabular cup in primary THA  
*Mizushima M. (Japan), Ichikawa R., Yonemori K.*

**ePO5-99** 4'+1' Correcting the high hip center in hartofilakidis low dislocation or crowe II dislocated hips: surgical technique and mid-term follow-up  
*Restrepo N. (Colombia)*

**ePO5-201** 4'+1' Total hip arthroplasty after complex acetabular fractures. A comparative and prospective study  
*Sirianni Rossella (Spain), Garcia Rey E., Garcia Cimbrello E.*

**10:00–10:30** Networking, ePoster viewing, visit of industry exhibition

**12:30–13:30** Saal 13a Invited Symposium

**SY26** Hip revision  
 Organizer & Chair Hube R. (Germany), von Eisenhart-Rothe R. (Germany)

**SY26-1092** 12'+0' Approaches in total hip revision  
*Perka C. (Germany)*

**SY26-1093** 12'+0' Algorithm in the treatment of acetabular defects  
*Prodinger P. (Germany)*

**SY26-1094** 12'+0' Treatment of femoral defects Paprosky I–II  
*Hube R. (Germany)*

**SY26-1095** 12'+0' Treatment of femoral defects Paprosky III–IV  
*von Eisenhart-Rothe R. (Germany)*

**SY26-1096** 12'+0' Debate extended femoral osteotomy  
*Gehrke T. (Germany), Halder A. (Germany)*

**12:30–13:30** Saal 13b Invited Symposium

**SY27** Management of the Rheumatoid Hip  
 Organizer Chair Rehart S. (Germany), Mai B. (Germany)

**SY27-1079** 20'+0' Juvenile arthritis of the hip  
*Rehart S. (Germany)*

**SY27-1080** 20'+0' Special aspects of the adult rheumatic hip destructions  
*Mai B. (Germany)*

**SY27-1081** 20'+0' Discussion

**12:30–13:30** Saal 5 Invited Symposium

**SY28** Functional outcome after hip surgery. Can we meet today's expectations of the patients?  
 Organizer & Chair Karachalios T. (Greece), Günther K. (Germany)

**SY28-1075** 10'+5' Patients' expectations and functional outcome after primary total hip arthroplasty  
*Günther K. (Germany)*

**SY28-1076** 10'+5' Patients' expectations and functional outcome after aseptic revision total hip arthroplasty  
*Hube R. (Germany)*

**SY28-1077** 10'+5' Patients' expectations and functional outcome after septic revision total hip arthroplasty  
*Matziolis G. (Germany)*

**SY28-1078** 10'+5' Functional outcome after hip fracture surgery  
*Karachalios T. (Greece)*

**12:30–13:30** Saal 4 Oral presentation

**OP15** Conservative hip surgery  
 Chair Soballe K. (Denmark), Siebenrock K. (Switzerland)

**OP15-347** 6'+1' More than half of the patients eligible for joint preserving hip surgery present with a pathological femoral torsion  
*Lerch T. (Switzerland), Todorski Inga, Steppacher S., Schmaranzer F., Siebenrock K., Tannast M.*

**OP15-336** 6'+1' Labral repair restore normal biomechanics of the hip  
*Tey M. (Spain), Leon A., Marques López F., Reina de la Torre F., Monllau J.*



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- OP15-294 6'+1' Floor and ceiling effects in patient-reported outcome measures after periacetabular osteotomy  
*Jakobsen S. (Denmark), Jakobsen S., Mechlenburg Inger, Soballe K.*
- OP15-377 6'+1' Midterm follow-up of patients with periacetabular osteotomy with and without simultaneously treated cam deformity.  
*Franken Lea (Germany), Goronzy J., Thielemann F., Hartmann A., Günther K.*
- OP15-400 6'+1' The implantation of a hemicap for treatment of local cartilage lesions of the femoral head – first results  
*Flörkemeier T. (Germany), Budde S., Gronewold J., Windhagen H., von Lewinski Gabriela, Ezechieli M.*
- OP15-192 6'+1' Changes in periacetabular bone mineral density five years after resurfacing hip arthroplasty versus conventional total hip arthroplasty  
*Gerhardt D. (Netherlands), Smolders Jose, de Visser E., Roovers L., Rijnders T., van Susante J.*
- OP15-200 6'+1' The fate of the neck with the Collum Femoris Preserving (CFP) prosthesis. A 19-years single center experience.  
*Cavagnaro L. (Italy), Basso M., Zanirato A., Divano S., Biggi S., Palermo A., Formica M., Felli L.*

**12:30–13:30 Saal 2 Oral presentation**

- OP16 6'+1' **Fast track surgery**  
Chair Niemeier A. (Germany), Masterson E. (Ireland)
- OP16-224 6'+1' Patient positioning affects anteversion in total hip arthroplasty  
*Vigdorchik J., Schwarzkopf R. (United States of America), Milone M., Jerabek S., Carroll Kaitlin, Meere P.*
- OP16-251 6'+1' The influence of local infiltration analgesia by catheter in postoperative control pain after total hip replacement  
*Fraille Suari Anna (Spain), Cuenca Llavall Marta, Perez-Prieto D., León García A., Santiveri Papiol X., Marqués López F.*
- OP16-35 6'+1' Monitoring of blood pressure during total hip arthroplasty using the interface bioactive bone cement technique  
*Fujita H. (Japan)*
- OP16-236 6'+1' Intermittent pneumatic compression for venous thromboembolism prophylaxis after total hip arthroplasty in Germany  
*Saunders R. (Germany), Mittard Virginia, Sullivan Michelle*
- OP16-410 6'+1' Audit of peri-op anticoagulation protocol in primary hip and knee arthroplasty patients  
*Jose Edakalathur J. (United Kingdom), Panchani S., Gambhir A.*

- OP16-102 6'+1' Using tranexamic acid to decrease postoperative hemorrhage: local versus intravenous administration  
*Taheriazam A. (Iran), Safdari F.*
- OP16-229 6'+1' Tranexamic acid 20 mg/kg versus 30 mg/kg in total hip replacement. A prospective randomized trial.  
*Hourlier H. (France), Fennema P., Reina N.*
- OP16-322 6'+1' Tranexamic acid in high risk transfusion group: a comparative study  
*de Sandes Kimura O. (Brazil), Freitas E., Linhares Garcia P., Leal D., Cury Fernandes M.*

**13:30–14:30 Networking, ePoster viewing, visit of industry exhibition**

**13:30–14:30 Saal 13a**  
**EHS General Assembly**  
 EHS members only



**14:30–16:00 Saal 13a Invited Symposium**

- SY29 Organizer & Chair**  
**Dual mobility: A fifty years old French concept?**  
Pfeil J. (Germany), Tracol P. (France)
- SY29-1084 10'+0' Introduction: historic principle  
*Tracol P. (France)*
- SY29-1085 12'+0' Biomechanical aspects  
*Massin P. (France)*
- SY29-1086 12'+0' Specifics Complications  
*Guyen O. (Switzerland)*
- SY29-1087 12'+0' Dual mobility in primary surgery indications, technique, results  
*Epinette J. (France)*
- SY29-1088 12'+0' Dual mobility in revision: indications, technology, results  
*Rehbein P. (Germany)*
- SY29-1089 12'+0' Update on use of a dual mobility cup in femoral neck fractures  
*Bonnomet F. (France)*
- SY29-1090 12'+0' Indications and limitations: the dual mobility “paradox” or is the dual mobility system good for all the seasons?  
*Zagra L. (Italy)*
- SY29-1091 5'+0' Conclusion: indications, take home message  
*Pfeil J. (Germany), Tracol P. (France)*



**14:30–16:00 Saal 13b Invited Symposium**

- SY30 Therapeutic options in joint preserving surgery**  
 Organizer Villar R. (United Kingdom), Günther K. (Germany), Siebenrock K. (Switzerland), Soballe K. (Denmark)  
 Chair Günther K. (Germany), Siebenrock K. (Switzerland)
- SY30-1053** Treatment algorithm in undercoverage and instability  
 10'+0' Witt J. (United Kingdom)
- SY30-1054** Treatment algorithm in overcoverage and FAI  
 10'+0' Gollwitzer H. (Germany)
- SY30-1055** Treatment algorithm in femoral deformities  
 10'+0' Siebenrock K. (Switzerland)
- SY30-1056** Management of failures  
 10'+0' Soballe K. (Denmark)
- SY30-1057** Analysis of outcome – drawbacks of current assessment  
 10'+0' Impellizzeri F. (Switzerland)
- SY30-1058** Discussion  
 0'+10'
- SY30-1059** Round table „how to treat“  
 30'+0' Siebenrock K. (Switzerland)

**14:30–16:00 Saal 5 Oral presentation**

- OP17 Infection**  
 Chair Tiemann A. (Germany), Clauss M. (Switzerland)
- OP17-284** Risk reduction on PJI with S. Aureus eradication therapy in THA  
 6'+1' Thomas R. (Netherlands), Koenraadt K., Joosten P., van Geenen R., Bolder S.
- OP17-431** Pre-printed sticker bundles improve antibiotic prophylaxis compliance in elective orthopaedic surgery in a district general hospital  
 6'+1' Dass D. (United Kingdom), Silk G., Brennan A., Price M.
- OP17-355** Use of iodinated contrast in aspirating infected hip joints: an in vitro study of antimicrobial properties  
 6'+1' Assiotis A. (United Kingdom), Pengas I., Kidd S., Cortes N.
- OP17-159** Surface Chemico-Physical Properties of ceramics for arthroplasty reduce the occurrence of biofilm formation  
 6'+1' Rimondini Lia (Italy), Cochis A., Barbati Gloria, Caracava C., Chiesa R.
- OP17-297** Aspiration pneumonia post hip fracture in an elderly population; a deadly complication  
 6'+1' Fadulelmola A., Turaev A. (United Kingdom), Balasubramanian D.

- OP17-315** Staples or sutures for wound closure after total hip arthroplasty, a multi-center randomized controlled trial  
 6'+1' Wijsbek Anne (Netherlands), Mallee W., Schafroth M., Wolkenfelt J., Vervest T.
- OP17-269** Timing of irrigation and debridement for peri-prosthetic total hip infections  
 6'+1' Schwarzkopf R. (United States of America), Sayeed Y., Camus T., Quien M., Adler E.
- OP17-115** Diagnosis and treatment of early surgical site infection after hip arthroplasty  
 6'+1' Filipenko V. (Ukraine), Marushchak O., Bondarenko S., Mandus A.
- OP17-367** Comparison of sonication technique with other microbiologic diagnosis techniques (tissue cultures and histopathologic exam) in orthopedic implant infections  
 6'+1' Ege D., Gul H., Artuk C., Artuk C., Kilic A., Gunal A., Ege T., Yildiz C. (Turkey), Besirbellioglu B.
- OP17-423** One-stage exchange arthroplasty for chronic periprosthetic hip infection  
 6'+1' de Sandes Kimura O. (Brazil), Freitas E., Linhares Garcia P., Leal D., Cury Fernandes M.
- OP17-352** Two-stage exchange surgery plus extended oral combined antibiotics: infectious and orthopaedic results of original series after more than 10 years follow-up  
 6'+1' Cordero-Ampuero J. (Spain), García-Rey E., Esteban J.
- OP17-101** Two-stage revision of infected hip prosthesis followed by a shortened course of postoperative antibiotics  
 6'+1' Taheriazam A. (Iran), Safdari F.

**14:30–16:00 Saal 4 Oral presentation**

- OP18 Revision THA**  
 Chair Grading R. (Germany), Cordero-Ampuero J. (Spain)
- OP18-198** Revision reasons after revision total hip arthroplasty: single center mid-term results  
 6'+1' Dikmen G. (Turkey), Ozden V., Beksac B., Tozun I.
- OP18-350** Furlong-HAP revision-stem: Mid-term clinical and radiographic results and proximal bone regeneration  
 6'+1' Cordero-Ampuero J. (Spain), Payo J., González-Fernández E., Peñalver P.
- OP18-103** Local tranexamic acid plus diluted epinephrine vs. intravenous tranexamic acid for reducing bleeding in revision total hip arthroplasty  
 6'+1' Taheriazam A. (Iran), Safdari F., Sahebalzamani M.

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**OP18-181** 6'+1' Revision hip arthroplasty at stem fractures of the prosthesis: a retrospective analysis of 10 cases.  
*Mezentsev V. (Ukraine), Filippenko V., Zhigun A.*

**OP18-246** 6'+1' Distal interlocking screws with modular revision stem for revision total hip arthroplasty in severe bone defects  
*Sala Pujals A. (Spain), Leon Garcia A., Mingo Fernandez F., Andriola V., Capurro Soler B., Tey Pons M., Marqués López F.*

**OP18-148** 6'+1' Clinical results of cable grip and plate system for greater trochanteric reattachment in revision total hip arthroplasty  
*Imagama T. (Japan), Tokushige A., Taguchi T.*

**OP18-92** 6'+1' Total hip arthroplasty for fused hip  
*Taheriazam A. (Iran), Safdari F.*

**OP18-455** 6'+1' Slooff acetabular reconstruction in AAOS type III defects: fifteen years follow-up  
*Marin-Peña O. (Spain), Castel-Oñate A., Valles-Purroy A., Chawla A., Lopez-Subías J., Arraiz-Diaz C., Fernandez E., Limousin B., Larrainzar R.*

**OP18-158** 6'+1' A minimum 25-year survival of acetabular reconstructions with impaction bone-grafting and a cemented cup in patients younger than fifty years old  
*Schmitz Marloes W.J.L. (Netherlands), Hannink G., Gardeniers J., Verdonschot N., Slooff T., Schreurs B.*

**OP18-4** 6'+1' Five to 13-year results of a cemented Dual Mobility Socket to treat recurrent dislocation  
*Hamadouche M. (France), Ropars M., Musset T., Gaucher F., Rodaix Camille, Courpied J., Hutten D., Biau D.*

**14:30–16:00 Saal 2 Oral presentation**

**OP19** **THA varia**  
Chair Csernatony Z. (Hungary), Röttinger H. (Germany)

**OP19-266** 6'+1' Co-infection with hepatitis C and HIV in total hip arthroplasty: an incremental effect of disease burden  
*Schwarzkopf R. (United States of America), Mahure S., Slover J., Vigdorichik J., Bosco J., Iorio R.*

**OP19-189** 6'+1' Ochronosis as the darker osteoarthritis – clinical case  
*Sá Rodrigues A. (Portugal), Seara M., Dopico C., Antunes A., Mateus A., Pinto Rui*

**OP19-313** 6'+1' Liposclerosing myxofibrous tumor: a rare tumor in the hip  
*Garcia P. (Brazil), Rinaldi E., Caruso A., Almeida Ana, Aymoré Ierecê, Meohas W., Aguiar D.*

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**OP19-75** 6'+1' The interaction of knee, hip and L5-S1 joint contact forces between sound and prosthetic leg in patients with unilateral below-knee amputation during walking  
*Kamali M. (Iran)*

**OP19-6** 6'+1' Incidence and outcome of Acute Kidney Injury (AKI) in total joint arthroplasty (TJA) post introduction of enhanced recovery protocol: A Grantham experience.  
*Rajagopalan S. (United Kingdom), Bagheri H., Ismail Jannah, Abou-Foul M.*

**OP19-124** 6'+1' Total hip arthroplasty in end stage renal disease with femoral neck fracture  
*Aminjavaheeri S. (Iran), Mortazavi S.*

**OP19-308** 6'+1' Total hip arthroplasty in sickle cell anemia  
*Garcia P. (Brazil), Sousa Filho P., Bitu O., Kimura O., Freitas E., Fernandes M.*

**OP19-290** 6'+1' Primary and revision THA in patients with Sickle Cell Disease. Experience from 50 cases (41 primary THA, 9 revision THA) over 5 years. Retrospective analysis of disease specific treatment demands.  
*Röttinger H. (Germany)*

**OP19-240** 6'+1' Greater muscle damage in direct anterior approach when compared to the direct superior approach for total hip arthroplasty  
*Nevelos J., Amanatullah D., Masini M., Roger D., Pagnano M., Faizan A. (United States of America)*

**OP19-149** 6'+1' Chronic hip abductor deficiency repair: A comparison of direct repair versus muscle transfer  
*Kurincic N. (Slovenia), Trebse R.*

**OP19-433** 6'+1' Clinical outcomes for the treatment of amorphous calcification of the labrum during hip arthroscopy with minimum two-year follow-up  
*Perets I. (United States of America), Hartigan D., Chaharbakshi E., Walsh J., Close Mary, Domb B.*

**OP19-25** 6'+1' Functional outcome of total hip arthroplasty after previous a hip arthroscopy: A retrospective comparative cohort study  
*Jain M. (United Kingdom), Board T., Hakimi M., Shaw Debbie, Jackson R., Siney P., Jain M.*

**16:00–16:30 Networking, ePoster viewing, visit of industry exhibition**



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**16:30–17:30 Saal 13a Invited Symposium**

- SY31 Classification of neglected congenital hip disease in adulthood. Can we improve it?**  
 Organizer Karachalios T. (Greece)  
 Chair Tokgozoglu M. (Turkey), Karachalios T. (Greece)
- SY31-1097 Introduction**  
 5'+0' Karachalios T. (Greece), Tabutin J. (France)
- SY31-1098 Crowe classification**  
 10'+0' Tokgozoglu M. (Turkey)
- SY31-1099 Hartofilakidis classification**  
 10'+0' Karachalios T. (Greece)
- SY31-1110 DDH, the French classification (Cochin)**  
 10'+0' Gaucher F. (France)
- SY31-1100 The evolution of SFHG classification**  
 10'+0' Musset T. (France)
- SY31-1101 Study on reliability and predictability**  
 10'+0' Lefevre C. (France)
- SY31-1103 Conclusion**  
 5'+0' Karachalios T. (Greece)

**16:30–17:30 Saal 13b Invited Symposium**

- SY32 Arthroplasty in the geriatric patient**  
 Organizer & Chair Lohmann C. (Germany), Köster G. (Germany)
- SY32-1145 Cementless fixation of primary THA in the geriatric patient**  
 12'+3' Köster G. (Germany)
- SY32-1146 Periprosthetic Hip Fracture - major challenge!**  
 12'+3' Martinez Cerdan Eva (Spain)
- SY32-1147 Do we need Personalized Medicine in the Geriatric patient?**  
 12'+3' Märtson A. (Estonia)
- SY32-1148 The paraneoplastic Bone - how to place a Primary THA**  
 12'+3' Tokgozoglu M. (Turkey)

**16:30–17:30 Saal 5 Invited Symposium**

- SY33 What would you do? Challenges in hip surgery 8–10 case discussions**  
 Organizer & Chair Matziolis G. (Germany), Wirtz D. (Germany)

**16:30–17:30 Saal 4 Oral presentation**

- OP20 Trauma 1**  
 Chair Cordero-Ampuero J. (Spain), Richter J. (Germany)
- OP20-28 Leg length discrepancy following hip hemiarthroplasty in the management of intracapsular femoral neck fractures: A retrospective comparison of thompson vs exeter trauma stem**  
 6'+1' Robinson P. (United Kingdom), Tyler J., Slater G.
- OP20-300 Comparison of treatment outcomes in unstable intertrochanteric fracture's patients between cemented non-calcar replacement bipolar hemiarthroplasty with wiring and cephalomedullary nailing fixation**  
 6'+1' Vejjajiva A. (Thailand), Sriphirom P.
- OP20-71 Choice of internal fixator for fractures around the femoral trochanter depends on area classification**  
 6'+1' Kijima H. (Japan), Yamada S., Konishi N., Kubota H., Tazawa H., Tani T., Suzuki N., Kamo K., Okudera Y., Shimada Y.
- OP20-390 Bipolar hemiarthroplasty or screw fixation after femoral neck fracture. What is the best option for our patient in the midterm?**  
 6'+1' Arraiz-Diaz C. (Spain), Fernandez E., Limousin B., Marin-Peña O., Brañas-Baztan Fatima, Larrainzar R.
- OP20-226 A novel fracture mechanics model for osteoporotic bone: enabling the design of safer and more effective orthopaedic implants for elderly patients**  
 6'+1' Kulper S. (Hong Kong), Fang C., Lu W., Leung F., Ngan A., Sze K.
- OP20-399 A new mini-invasive neck length preserving device in the fixation of pertrochanteric femoral fractures**  
 6'+1' Massin P. (France)
- OP20-43 The Clinical use of a new fixation device for osteosynthesis of the medial femoral neck fractures**  
 6'+1' Pyrohov E. (Ukraine)
- OP20-15 Can orthopedic surgeons help create a better head start for osteoporosis treatment after hip fracture?**  
 6'+1' Rinat B. (Israel), Rubin G., Orbach H., Giwnewer U., Rozen N.



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**16:30–17:30 Saal 2 Oral presentation**

- OP21 Chair Imaging**  
 Epinette J. (France), Maurer-Ertl W. (Austria)
- OP21-385** 6'+1' First experiences and one year EBRA results with innovative short stem  
 Maurer-Ertl W. (Austria), Friesenbichler J., Maier M., Bratschitsch G., Holzer L., Leithner A.
- OP21-217** 6'+1' Roentgen stereophotogrammetry analysis (RSA) of the Bonemaster coated Taperloc compared with the porous coated Taperloc stem (5 year FU)  
 Keizer S. (Netherlands), Koster L., Thomassen Bregje
- OP21-219** 6'+1' Roentgen stereophotogrammetry analysis (RSA) of a short THA stem compared with a uncemented porous coated Taperloc stem, a two year follow up  
 Keizer S. (Netherlands), Mathijssen Nina, Vehmeijer S., Thomassen Bregje
- OP21-179** 6'+1' X-ray imaging of acetabular shells: Do radiolucent lines always correlate to physical gap?  
 Nevelos J., Faizan A. (United States of America), Chuang P., Aponte C.
- OP21-134** 6'+1' Improving acetabular component inclination in total hip arthroplasty by using a digital protractor  
 Meermans G. (Netherlands), Van Doorn J., Kats J.
- OP21-383** 6'+1' Validity of THR planning 3D versus 2D software for using a novel short stem  
 Maurer-Ertl W. (Austria), Friesenbichler J., Maier M., Bratschitsch G., Holzer L., Sinz G., Leithner A.
- OP21-186** 6'+1' Assessment of the relationship between pelvic tilt and functional acetabular position after total hip arthroplasty with EOS 2D/3D Technology  
 Loppini M. (Italy), Astore F., Caldarella E., Della Rocca A., Della Rocca F., Ricci D., Grappiolo G.

**17:30–18:30 Saal 13a Invited Symposium**

- SY34 Organizer Patient selection in DDH and FAI surgery**  
 Gollwitzer H. (Germany), Günther K. (Germany), Siebenrock K. (Switzerland), Soballe K. (Denmark)
- Voting Chair**  
 Gollwitzer H. (Germany), Soballe K. (Denmark)
- SY34-1060** 12'+0' How to avoid failures: Key steps in clinical diagnosis  
 Marin-Peña O. (Spain)
- SY34-1061** 12'+0' How to avoid failures: Key steps in imaging  
 Tannast M. (Switzerland)
- SY34-1062** 12'+0' Outcome of surgical procedures – better than natural course?  
 Günther K. (Germany)

- SY34-1063** 0'+9' Discussion

- SY34-1064** 15'+0' Case Presentation with TED-voting  
 Gollwitzer H. (Germany)

**17:30–18:30 Saal 13b Invited Symposium**

- SY35 Perioperative preparations in THA: minimizing the risk, blood management, templating**  
**Organizer** Scheerlinck T. (Belgium)  
**Chair** Scheerlinck T. (Belgium), Bereiter H. (Switzerland)
- SY35-1152** 12'+3' Identifying patients with general risk factors  
 Ilchmann T. (Switzerland)
- SY35-1153** 12'+3' Identifying patients with biomechanical risk factors  
 Scheerlinck T. (Belgium)
- SY35-1154** 12'+3' Sense and non-sense of infection prevention  
 Ten Broeke R. (Netherlands)
- SY35-1155** 12'+3' Blood management: Can blood transfusion be avoided  
 Meermans G. (Netherlands)

**17:30–18:30 Saal 4 Oral presentation**

- OP22 Chair Trauma 2**  
 Südkamp N. (Germany), Atilla B. (Turkey)
- OP22-108** 6'+1' Surgical treatment for periprosthetic fracture around hip arthroplasty  
 Yo H. (Japan), Ohashi H., Sugama R., Ikawa T.
- OP22-157** 6'+1' Reduced mortality using ORIF in periprosthetic Vancouver B1/2 and C fractures  
 Stark M. (Austria), Schuler M., Ortner F.
- OP22-440** 6'+1' Is arthroplasty indicated in the treatment of extra capsular fractures of the upper femur in the elderly?  
 Massin P. (France), Duriez Pauline, Chantelot C., Devaux T.
- OP22-422** 6'+1' Combination of risk factors as an indication for total hip arthroplasty in transacetabular fractures  
 Voloshin V. (Russian Federation), Galkin A., Sankaranarayanan Arumugam S.
- OP22-203** 6'+1' Surgical hip dislocation; increasing indications in acetabular fractures  
 Abdelnasser M. (Egypt), Farouk O., Elrefai O., Badran M., Fergani A.
- OP22-129** 6'+1' Total hip arthroplasty in patient with missed posterior wall fractures  
 Aminjavaheri S. (Iran), Mortazavi S., Mostafavi Tabatabaee R.



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**OP22-331** 6'+1' Is there a difference in early outcome or complication rate between high-volume versus low-volume surgeons in hip hemiarthroplasty?  
*Spaans Elsa (Netherlands), Wagenmakers R., van den Hout J., Koenraadt K., Elmans L., Bolder S.*

**17:30–18:30 Saal 2 ePoster and Oral presentations**

**ePO6 Chair** **Paediatrics, infection**  
 Trebse R. (Slovenia), Karimi M. (Iran)

**ePO6-59** 4'+1' Evaluation of the loads applied on the hip joints in walking with and without Scottish rite orthosis in subjects with Perthes disease  
*Karimi M. (Iran)*

**ePO6-50** 4'+1' Prophylactic pinning in epiphysiolysis capitis femoris  
*Holiuk Y. (Ukraine), Filipchuk V., Kabatsii M.*

**ePO6-51** 4'+1' The role of epiphyseal remodeling for treatment of epiphysiolysis capitis femoris  
*Holiuk Y. (Ukraine), Filipchuk V.*

**ePO6-339** 4'+1' Outcomes of single-stage open reduction, Salter innominate osteotomy, and proximal femoral osteotomy for the management of developmental dysplasia of the hip in children aged from the ages of 1 and 10 years  
*Pozdnykin I. (Russian Federation), Baskov V., Barsukov D., Bortulev P.*

**ePO6-260** 4'+1' Long-term results of posterior femoral rotational osteotomy at children with DDG  
*Sakalouski A. (Belarus)*

**ePO6-456** 4'+1' Survival rate of hip resurfacing in a low volume center: 9 years follow-up  
*Marin-Peña O. (Spain), Castel-Oñate A., Valles-Purroy A., Chawla A., Lopez-Subías J., Limousin B., Fernandez E., Arraiz-Diaz C., Larrainzar R.*

**ePO6-376** 4'+1' 7-year results of total hip arthroplasty with the uncemented Avenir stem  
*Erivan R. (France), Villatte G., Brientini J., Descamps S., Boisgard S.*

**ePO6-249** 4'+1' Infection of revision hip prosthesis by *Granulicatella adiacens* with abdominal abscess formation  
*Fraile Suari Anna (Spain), Puig Verdié L., Marqués López F., Tey Pons M., Alier Fabrego A., Cuenca Llavall Marta, Lizano Diez J., León García A.*

**ePO6-46** 4'+1' Refractory periprosthetic hip arthroplasty infection, risk factor evaluation and treatment with direct local antibiotic injection, an experimental study  
*Savadkoobi D. (Iran), Siavashi B., Pendar E., Aalirezaei A.*

**ePO6-105** 4'+1' Two-stage revision treatment for staphylococcal prosthetic hip joint infection  
*Demyanchuk A., Grigoricheva Lyudmila, Karbysheva Svetlana (Russian Federation), Syukov I.*

**ePO6-420** 4'+1' Two-staged revision hip arthroplasty following severe chronic infection associated with total hip replacement – an individual approach  
*Tzachev N., Stoichkov V. (Bulgaria), Ivanov N.*

**18:30–19:00 Saal 13a Closing & Awards**

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## Hands-on Hip Arthroscopy Course

Hip arthroscopy today is an essential tool in joint-preserving hip surgery. The EHS hands-on hip arthroscopy course will provide a valuable insight into technical pearls of hip arthroscopy. Different levels matching the experience of the participants include basic practical approaches as well as improvement of skills for advanced hip arthroscopists. The course is focused on hands-on experience with cadaveric specimens in small groups with internationally renowned experts in the field of hip arthroscopy.

**This course is limited to 36 participants.**

**Venue:** ArthroLab, Munich  
**Address:** Arthrex GmbH  
 ArthroLab  
 Erwin-Hielscher-Straße 9  
 81249 Munich  
 Germany

**Different venue!**

**8:00** *Doctor's Lounge*

**Welcome**

Chair: Gollwitzer H. (Germany), Büchler L. (Switzerland)

**8:15** *Seminar room 1*

**Basic level** – Theory I  
 Moderator: Gollwitzer H. (Germany)

Anatomy of the hip  
*Sobau C. (Germany)*

Patient set-up  
*Ribas Fernández M. (Spain)*

Landmarks and portal placement  
*Banke I. (Germany)*

Arthroscopic view, anatomy and variations  
*Gollwitzer H. (Germany)*

**9:15** *Wet lab*  
 Practical exercises

**11:15** **Coffee break**

*Seminar room 2*

**Experienced level** – Theory I  
 Moderator: Büchler Lorenz (Switzerland)

Cartilage repair  
*Fickert S. (Germany)*

Pincer resection  
*Büchler L. (Switzerland)*

Cam resection  
*Gebhart C. (Austria)*

Labral repair  
*Bataillie F. (Belgium)*

**11:30** *Seminar room 1*  
**Basic level** – Theory II  
 Moderator: Gollwitzer H. (Germany)

Labral debridement/repair  
*Bataillie F. (Belgium)*

Cam resection  
*Gebhart C. (Austria)*

Pincer resection  
*Sobau C. (Germany)*

Complications  
*Fickert S. (Germany)*

**12:30** **Lunch break**

**13:30** *Wet lab*  
 Practical exercises

**15:30** *Wet lab*  
 Demo mini-open labral reconstruction  
*Ribas Fernández M. (Spain)*

**16:00** *Doctor's Lounge*  
**Coffee and Farewell**

*Seminar room 2*  
**Experienced level** – Theory II  
 Moderator: Büchler L. (Switzerland)

Prognostic factors for outcome – whom not to operate on?  
*Thorey F. (Germany)*

Handling of joint capsule: Capsulotomy, capsular thinning, capsular repair, capsular plication  
*Thorey F. (Germany)*

Endoscopic iliopsoas release  
*Banke I. (Germany)*

Labral reconstruction  
*Ribas Fernández M. (Spain)*

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## ePoster exhibition

The ePoster terminals are located in the Foyer 1<sup>st</sup> Floor of the ICM. Terminals are in service equivalent to regular session hours in the lecture rooms.

All contributions of the following ePoster sessions are available as ePoster at the terminals as well.

- ePO1 Conservative hip surgery (details see p. 21)
- ePO2 Primary THA (details see p. 26)
- ePO3 Trauma (details see p. 34)
- ePO4 Revision THA (details see p. 45)
- ePO5 THA (details see p. 49)
- ePO6 Paediatrics, infection (details see p. 62)

## ePosters without presentation

- eP1-354 Perioperative pain management in hip arthroscopy, what options are there?  
*Haverkamp D. (Netherlands), Bech N., Hulst B., Spuijbroek J., van Leuken L.*
- eP1-372 The Single Back Mattress Labrum Suture technique for anatomical labrum refixation and positioning.  
*Gebhart C. (Austria), Casari F., Felsing C.*
- eP1-454 Effect of duration of disease, the use of corticosteroids, anti-nuclear antibodies and lupus nephritis in avascular necrosis of the femoral head in patients with systemic lupus erythematosus  
*Badrzadeh Fariba (Iran), Aghaei M., Abdollahi N., Amoli S. Z.*
- eP1-85 Bilateral total hip arthroplasty in femoral head avascular necrosis: functional outcomes and complications  
*Taheriazam A. (Iran), Saeidinia A., Safdari F.*
- eP1-446 Hip problems mimicking gynecologic pathology. Case report and review: Hip as a source of groin pain.  
*Ashberg L. (United States of America), Close Mary, Perets I., Chaharbakhshi E., Walsh J., Domb B.*
- eP1-425 One year results following hip arthroscopy for non-arthritic hip pathology in a district general hospital  
*Silk G. (United Kingdom), Vetharajan N., Dass D.*
- eP1-72 Arthroscopic labral repair and open capsular plication (ALOCAP) for acetabular labral tear with borderline hip dysplasia: a case report  
*Kijima H. (Japan), Yamada S., Konishi N., Kubota H., Tazawa H., Tani T., Suzuki N., Sasaki K., Kawano T., Shimada Y.*

- eP1-368 Early outcome of hip arthroscopy for the treatment of pincer femoroacetabular impingement  
*Aboelnasr K. (Egypt)*
- eP1-386 Reconstruction of the acetabular labrum with autologous capsule via arthroscopic assisted direct anterior mini open approach  
*Ezechieli M. (Germany), Cardenas C., Ribas Fernández M.*
- eP1-22 Autologous conditioned plasma (ACP) injection for the treatment of chronic trochanteric bursitis after total hip replacement  
*Rajeev A. (United Kingdom), Skindilias Y., Kashyap S.*
- eP1-358 Ischio-femoral impingement syndrome: case report and review of the literature.  
*Bilgen Ö. (Turkey), Mutlu M., Yaray O.*
- eP1-280 Surgical management of valgus SCFE by epiphysial realignment: report of two cases  
*Gharanizadeh K. (Iran), Macheras G.*
- eP1-38 Short stems in door femoral type C.: a prospective study  
*Restrepo N. (Colombia)*
- eP1-111 Treatment of infected Exeter prosthesis with two stage revisions and cement in cement implantation.  
*Bjarnason A. (Denmark), Broeng L.*
- eP1-58 Evaluation the hip joint contact force in subjects with Perthes based on open SIMM  
*Mohammad Taghi Karimi (PhD) Karimi M. (Iran)*
- eP1-164 Bone remodelling after total hip arthroplasty with two different types of the uncemented femoral stems  
*Shubnyakov I. (Russian Federation), Tikhilov R., Karagodina Marina*
- eP1-121 Cementless total hip replacements without femoral osteotomies in severe dysplasia cases – a valid option  
*Aleixo H. (Portugal), Camelo N., Carvalho L., Fernandes L., Castro D., Lino T., N. Araújo S.*
- eP1-174 The evolution of an uncemented acetabular component in alumina-on-alumina total hip replacement has improved clinical outcome. A prospective, comparative five- to 15-year follow-up study  
*Garcia Cimbrello E. (Spain), Garcia Rey E., Cruz Pardos Ana*
- eP1-305 AMIStem-H radiological assessment: 5 years outcome  
*Vié P. (France)*

- eP1-146** Stress-shielding after total hip arthroplasty with different kinds of stem design  
*Pidgaiska Olga (Ukraine), Filipenko V.*
- eP1-204** CFP stem, the second generation of the femoral neck preserving: results in 15 years follow-up  
*Palermo A. (Italy), Cannizzaro S., Marconi G.*
- eP1-303** The anatomical concept in hip stem: learning from the past  
*Franceschini M. (Italy), Calabro' F., De Bartolomeo O., Mineo G.*
- eP1-100** Metallosis and pseudotumor around ceramic-on-polyethylene total hip arthroplasty: case report  
*Taheriazam A. (Iran), Safdari F., Saeidinia A.*
- eP1-230** Direct anterior approach and anatomical femoral stem for primary THA. Mid-term outcome in 500 cases  
*Asparuhov A. (Bulgaria), Valeshkov Y.*
- eP1-306** Posterolateral versus lateral approach in total hip arthroplasty, a prospective study  
*Gharanizadeh K. (Iran), Macheras G.*
- eP1-299** 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 A. (Poland), Czubak J., Czwojdzinski A., Grochowski K.*
- eP1-143** Trabecular metal cups in difficult primary total hip arthroplasty. Survival and clinical outcomes.  
*Capurro Soler B. (Spain), Sala Pujals A., Gamba C., Marí Molina Raquel, León García A., Tey Pons M., Marques López F.*
- eP1-361** Single-time arthroplasty in a 25y military female with bilateral corticoid-induced osteonecrosis – case report  
*Pádua M. (Portugal), Pato M., Amaral F.*
- eP1-170** Total hip replacement with nonunion of the femoral neck  
*Shilnikov V. (Russian Federation), Tikhilov R., Denisov A., Shubnyakov I.*
- eP1-130** Total hip replacement in supine position  
*Aminjavaheeri S. (Iran), Mortazavi S.*
- eP1-104** Concurrent one-stage total knee and hip arthroplasty due to sequel of juvenile rheumatoid arthritis, a case report  
*Taheriazam A. (Iran), Safdari F., Saeidinia A.*
- eP1-44** Complications of total hip arthroplasty in dysplastic disorder of hip joint, 10 years experience  
*Savadkoohi D. (Iran), Siavashi B., Pendar E., Aalirezaei A.*

- eP1-39** Evaluation of patient satisfaction, presence of tradelenburg sign and plantar pressure distribution after two different lateral approaches to total hip replacement surgery  
*Yildirim A. (Turkey), Ataoglu M., Ozer M., Ayanoglu T., Kanatli U., Bolukbasi S.*
- eP1-24** The relationship between two uncemented femoral stems for preoperative templating  
*Banks D. (United Kingdom), Lim J.*
- eP1-281** Acetabular revision with uncemented cup and 36 MM head (4 to 11 years follow up results)  
*Kovac S. (Slovenia), Strahovnik A., Novak S., Levasic Vesna*
- eP1-45** Pelvic discontinuity, an unsolved problem in revision total hip arthroplasty  
*Savadkoohi D. (Iran), Siavashi B., Pendar E., Aalirezaei A.*
- eP1-407** Mortality after revision hip arthroplasty for patients older than 75 years old  
*Sanchez A. (Colombia), Escobar Sara, Martinez J.*
- eP1-278** Mid-term results of metal-on-metal total hip arthroplasty  
*Sasaki Toshie (Japan), Kodama T., Okai H., Hasegawa T., Katsuyama Eri*
- eP1-318** A simple solution for a rare vascular complication following hip arthroplasty  
*Sá Rodrigues A. (Portugal), Dopico C., Seara M., Mateus A., Pinto Isabel, Freitas Joana, Pinto Rui*
- eP1-428** Evaluation of the fixation of the trabecular metal wedge in patients undergoing revision of total hip arthroplasty  
*de Sandes Kimura O. (Brazil), Freitas E., Linhares Garcia P., Leal D., Cury Fernandes M.*
- eP1-48** Bipolar arthroplasty for the treatment of unstable intertrochanteric fractures, is it a good option?  
*Savadkoohi D. (Iran), Siavashi B., Pendar E., Aalirezaei A.*
- eP1-49** Subtrochanteric fractures: comparison of dynamic compression screw (DCS) and intramedullary nail fixation outcomes  
*Savadkoohi D. (Iran), Siavashi B., Pendar E., Aalirezaei A.*
- eP1-406** Total hip replacement for fracture neck of femur  
*Thimmaiah R. (United Kingdom), Mehra A.*
- eP1-285** Nerve growth factor affects characteristics of sensory innervation an synovia of the hip in rat  
*Omae T. (Japan)*
- eP1-274** Mathematical modeling of power distribution and load them on the verge of contact points between femoral component of the hip prosthesis and the femur  
*Torchynskiy V. (Ukraine), Nizalov T., Shmeliova Liudmyla, Suprun A., Kozak R., Haluzynskii O.*

## Faculty list

Please use congress app to find faculty members quick and easy.

## Instructions for speakers and presenting authors

Speaker presentations are centrally managed. Speakers must load and validate their presentations in the Speaker Preparation Room, located in the entrance foyer of the ICM close to the main entrance.

### Conflict of interest slide

Please insert a slide stating your potential Conflict of interest at the beginning of each PowerPoint presentation. A template slide (PowerPoint) is available as download at: [www.ehs-congress.org/faculty](http://www.ehs-congress.org/faculty)

### Presentation slide limitation

Invited Symposia (SY)

- Please consider an appropriate no. of slides according to the time scheduled for presentation.

Oral presentations (OP)

- Presentation and discussion time is 6'+2'
- Please limit presentation to maximum 8–10 slides.

ePoster with oral presentations (ePO)

- Presentation and discussion time is 4'+2'
- Please limit presentation to maximum 5 slides.

### Speaker Preparation Room

Please bring the computer file of your PowerPoint presentation (on USB stick or CD-Rom) to the technical staff in the Speaker Preparation Room no later than 2 hours before the start of your session.

If your presentation is scheduled early in the morning, we would appreciate if you submit your presentation to the technical staff the afternoon before the day of your presentation.

### Opening hours

Tuesday, 6 September 2016: 09:00–18:30 h  
 Wednesday, 7 September 2016: 07:30–18:30 h  
 Thursday, 8 September 2016: 07:30–19:00 h

### Format and technical requirements

Presentations in PowerPoint, Prezi or PDF format will be accepted. Speakers will find MS Windows 7 computers in the Speaker Preparation Room to load and check their slides. All computers will have PowerPoint 2013, Adobe Reader and Prezi Desktop installed. If you have created your PowerPoint presentation with a Mac, be aware that it will be projected from a PC. We recommend that you first test your presentation on a Windows PC. If you created your presentation using Apple Keynote, please save it as a PDF or as a PowerPoint presentation. Please make sure to come to the Speaker Preparation Room at least two hours before your talk.

Presentations using non-standard Windows 7 or Office 2013 fonts should be saved with embedded fonts. Linked videos should be saved as an extra file to the same location as the PowerPoint file. Please use standard Windows 7 codecs to create those videos.

To avoid potential problems with display fonts, please only use fonts common to both platforms (Arial, Courier, Courier New, Geneva, Georgia, Helvetica, Times, Times New Roman).

For presentations created in Office for Mac PowerPoint 2004, be sure to add the extension ppt at the end of your file (for example – mypresentation.ppt).

The projection will be in 4:3 format so please be aware that your presentation will show black bars if you are using wide-screen presentation format.

Most modern video formats are supported, for example all standards (\*.wmv, \*.mpg, \*.avi, for example), that can be played from standard MS Windows 7 installed computers with Windows Media Player. Additionally, MOV, DivX, MPEG-4 und H.264 video formats (plus many more) can be played, too. Please upload any video files in addition to your PowerPoint presentation.

No file size limit is imposed.

The technical team will be at your disposal to help you in Speaker Preparation Room.

### Meeting Room

There is no need to bring your laptop to the meeting room since it is not allowed to use it for the presentation. Your presentation will be sent directly to the meeting room by the computer network. In the meeting room a technician will assist you with starting your presentation from the laptop which is installed at the lectern. Click the mouse or press the arrow keys and your slides will advance as usual.

### Speaker and Chairman Information

All chairs and speakers are kindly requested to be in the session room at least 10 minutes before the session starts.

We highly recommend speaking slowly and clearly. If requested, we offer the chance to visit the room to get a first impression of technical and acoustic conditions during a break. Please contact media check staff.

Please consider your presentation time including time for discussion. There will be warning signs indicating the end of your presentation time. Discussions after the presentations give the audience a chance to ask questions. Please consider to keep your answers short.

The board members of the EHS, the EHS 2016 Scientific committee and local organizing committee members gratefully acknowledge the contribution of Mathys and wish to thank them for their support. We kindly invite you to attend the symposium.

**Tuesday, 6 September**

13:30–18:15 Saal 2



**Restoration of hip biomechanics and bone preservation:  
Making the right choices**  
Chair Scheerlinck T. (Belgium)

**BIOMECHANICS**

- 13:30 Biomechanics of the hip *Helmy*
- 13:45 Restoring patient specific biomechanics with standard implants *Baines*
- 14:05 The short stem prosthesis from a biomechanics perspective *Morlock*
- 14:25 The importance of cup positioning *Scheerlinck*
- 14:45 Break

**HOW TO CHOOSE A STEM**

- 15:05 How to choose a cemented stem *Scheerlinck*
- 15:17 What about uncemented stems *Baines*
- 15:29 Stress shielding on the femoral side. Is it an issue? *Klenke*
- 15:41 Short stems: overview of current concepts and their outcome *Stoffel*
- 15:53 optimys – what can we say after 5 years *Pfeil*

**HOW TO CHOOSE A CUP**

- 16:05 Why do cups fail *Helmy*
- 16:17 Stress shielding on the acetabular side. Is it an issue? *Stoffel*
- 16:29 A monoblock cup – the right solution? *Baines*
- 16:41 A modular cup – the right solution? *Scheerlinck*
- 16:53 Break

**EVIDENCE**

- 17:13 Factors for a successful hip joint replacement – how important is the implant? *Morlock*
- 17:28 Hip implants where do we find the evidence? *Baines*
- 17:43 Hip registries, the good, the bad and the ugly *Scheerlinck*
- 17:58 What about RCT – what do we get to know *Klenke*
- 18:15 End

**Faculty**

- Baines Joe, MD – UK
- Helmy Näder, Ass. Prof. MD – Switzerland
- Klenke Frank, Ass. Prof. MD – Switzerland
- Morlock Michael, Prof. MD – Germany
- Pfeil Joachim, Prof. MD – Germany
- Stoffel Karl, Prof. MD – Switzerland

The European Hip Society would like to thank the partners of the 12<sup>th</sup> Congress of the European Hip Society for their extraordinary support!

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LIMACORPORATE Spa  
33038 Villanova di San Daniele del Friuli, Italy



MicroPort Orthopedics BV  
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Zimmer Biomet  
8404 Winterthur, Switzerland

**Silver Partners**



DePuy Synthes  
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Mathys Ltd. Bettlach  
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Smith & Nephew Orthopaedics AG  
6340 Baar, Switzerland

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The European Hip Society would like to thank the exhibitors of the 12<sup>th</sup> Congress of the European Hip Society for their support! We kindly invite you to visit the exhibition.

**Opening hours**

Tuesday, 6 September 2016: 12:00–18:30 h  
 Wednesday, 7 September 2016: 09:00–17:30 h  
 Thursday, 8 September 2016: 09:00–17:30 h

**List of exhibitors**

Company	City, Country	Stand-No.
American Association of Hip and Knee Surgeons	Rosemont, IL 60018-4976, USA	11
Arthrex GmbH	81249 Munich, Germany	30
B. Braun Aesculap	78532 Tuttlingen, Germany	26
CeramTec GmbH	73207 Plochingen, Germany	36
Clinical Graphics B.V.	2629 JD Delft, The Netherlands	09
Condor GmbH	33154 Salzkotten, Germany	23
Corin GSA GmbH	66119 Saarbrücken, Germany	08
DePuy Synthes	4528 Zuchwil, Switzerland	31
Eberle GmbH & Co. KG	75449 Wurmberg, Germany	35
European Hip Society	55236 Panorama, Thessaloniki, Greece	07
Geistlich Biomaterials		
Vertriebsgesellschaft mbH	76534 Baden-Baden, Germany	32
Groupe Lepine	69730 Genay, France	34
Hip International	Cheshire CW6 0AB, Great Britain	06
INNOMED INC.	6330 Cham, Switzerland	13
Karl Storz GmbH & Co. KG	78532 Tuttlingen, Germany	18
LEXI Co., Ltd.	Toshima-ku, Tokyo, 170-0002, Japan	02
LIMACORPORATE Spa	33038 Villanova di San Daniele del Friuli, Italy	20
Waldemar Link GmbH & Co. KG	22339 Hamburg, Germany	27
Lyfstone	9294 Tromsø, Norway	05
Materialise	3001 Leuven, Belgium	17
Mathys Ltd. Bettlach	2544 Bettlach, Switzerland	29
MEDACTA INTERNATIONAL SA	6874 Castel San Pietro, Switzerland	16
MEDICHAICAL ENGINEERING	9000 Aalborg, Denmark	08
Merete Medical GmbH	12247 Berlin, Germany	19
MicroPort Orthopedics BV	1101 BA Amsterdam, The Netherlands	28
MTS Systems	14163 Berlin, Germany	03
NORE (Network of Othopaedic Registries of Europe)		12
PETER BREHM GmbH	91085 Weisendorf, Germany	25
SERF	69153 Decines, France	33
Smith & Nephew Orthopaedics AG	6340 Baar, Switzerland	14
stryker	1101 CM Amsterdam, The Netherlands	22
The Hague Convention Bureau	2511 BH The Hague, The Netherlands	01
Ziehm Imaging GmbH	90451 Nuremberg, Germany	21
Zimmer Biomet	8404 Winterthur, Switzerland	15



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**Get Together**  
in the International Congress Center

Tuesday, 6 September 2016, 17:00–18:30 h

The night before the first congress day, you will be given the perfect occasion to meet friends, colleagues and network. Join the Get Together of the 12<sup>th</sup> Congress of the European Hip Society which will be held within the congress exhibition area at the ICM. Chat and mingle with fellow visitors and enjoy a drink along with some typical Bavarian pretzels. WELCOME to Munich!

Price (per person): Free for registered delegates  
Venue: International Congress Center, 81823 Munich, Germany

**Authentic Bavarian Evening**  
in the Augustinerkeller in Munich

Wednesday, 7 September 2016, 20:00 h



© Happy Bavarians (2)  
© Augustinerkeller (1)

The congress dinner takes place at the Augustinerkeller, one of the traditional public beer houses in Munich. While drinking the freshly tapped Augustiner beer, enjoy the typical Bavarian cuisine and ambience.

The evening will be accentuated with a Bavarian show band, the **Happy Bavarians**. They are one of the finest bands when you talk about Bavarian music and also they are very successfully spreading this special „happy spirit“ of the Oktoberfest combined with authentic and spectacular shows all around the world. The band will present some folklore highlights like traditional slap-dancing, cow bell chiming, whip cracking and real Bavarian music. The audience is invited to participate! Afterwards the band will entertain with dancing music.

Price (per person): EUR 69  
(Please consider that you have to register for the congress dinner separately.)

Venue: Augustinerkeller, Arnulfstr. 52, 80335 Munich, Germany

Directions: The Augustinerkeller is in walking distance from the central station (about 15 Min). The best way to get there is by public transport, because parking is limited.  
Subway U3 and U5, Stop Central Station / Hauptbahnhof  
Urban rail S1–S8, Stop Central Station or Hackerbrücke  
Tram 16 and 17, Stop Hopfenstraße

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## Registration

All delegates are requested to register online at [www.ehs-congress.org](http://www.ehs-congress.org).

Registration fee includes industry day on Tuesday, scientific sessions on Wednesday and Thursday, access to the industrial exhibition, delegate's bag and badge, a copy of the final programme.

For group registrations please send an email to [ehs-congress@intercongress.de](mailto:ehs-congress@intercongress.de) and request the special group booking form.

### Registration fees

	Congress ticket	Day ticket
Physicians Members	EUR 490	EUR 315
Physicians Non members	EUR 570	EUR 355
Residents*/Subsidised Fee**	EUR 350	EUR 215
Students/Physiotherapists*	EUR 200	EUR 100
Industry – non exhibiting	EUR 400	EUR 215

\* registrations to be accompanied by a certificate signed by the head of department or valid student or professional ID (template form available at [www.ehs-congress.org/registration](http://www.ehs-congress.org/registration))

\*\* for delegates from low income countries (according to Worldbank)

### Accompanying person

Each accompanying person needs to register with a ticket to have access to the exhibition hall and to the Get together.

### Additional booking

Refresher course: Sonography of Infant Hip (limited no. of participants)	EUR 190
Hands-on hip arthroscopy course (limited no. of participants)	EUR 650

### Social events

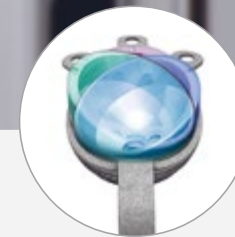
Get Together, 6 September 2016	EUR 0
Bavarian Evening, 7 September 2016	EUR 69

### Alterations & cancellation of congress registration

Written notification is required for all congress cancellations and name changes. Notifications should be sent to EHS congress office [ehs-congress@intercongress.de](mailto:ehs-congress@intercongress.de).

For alterations of reservations or any other invoiced item an administrative fee of EUR 20 will be charged. A cancellation fee of EUR 30 will be charged for cancellations until 9 August 2016. The fee for congress participation will not be refunded, even in case of non-participation, if a cancellation is not received in time. A refused visa application is no reason for refund. Alternative participants are readily accepted for an administrative charge of EUR 20. No reimbursement will be made in case of cancellation of a social event from a participant. Please find full terms and conditions online at [www.ehs-congress.org/registration](http://www.ehs-congress.org/registration).

# ONE COMBINATION LEADS TO SUCCESS



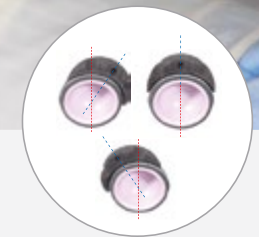
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## Congress venue

ICM – International Congress Center  
Messe München GmbH  
Exhibition Site  
81823 Munich, Germany

## Congress office onsite

Opening hours registration desk:  
Tuesday, 6 September 2016: 09.00–18.00h  
Wednesday, 7 September 2016: 07.30–18.30h  
Thursday, 8 September 2016: 07.30–19.00h

If you have any queries or need help during the congress, please contact staff at the registration desk.

## Congress website

[www.ehs-congress.org](http://www.ehs-congress.org)

## Congress language

The official congress language is English. There will be no translation of lectures.

### Important Delegate's Badge

Each participant receives a name badge upon the self-printing terminals at the registration desk. Please have your Badge Express Print document at hand.

The badge is the official Congress pass and must be worn at all times. In order to receive CME credits you have to make sure that your badge is scanned at the entrance of each hall when entering a session. Lost badges may only be replaced upon proof of original payment.

### Important Certificate of Attendance

In order to receive CME credits for your Congress participation you have to make sure that your badge is scanned at the entrance of each hall when entering a session – during the morning and during the afternoon. You will receive an email each day informing you about the CME credits collected, containing a link to download your certificate online.

A questionnaire regarding your Congress participation needs to be filled in online.

Self-printing terminals are available at the registration desk. In order to print your certificate, please have your personalised badge at hand.

## CME credits



European Accreditation is granted by the EACCME in order to allow participants who attend the above-mentioned activity to validate their credits in their own country.

The '12th Congress of the European Hip Society' is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), [www.uems.net](http://www.uems.net).

The '12th Congress of the European Hip Society' is designated for **up to 15 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.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at [www.ama-assn.org/go/internationalcme](http://www.ama-assn.org/go/internationalcme).

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada. 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 with a

maximum of 3 ECMECs for half a day and 6 ECMECs for a full-day event.

## Speaker preparation room

The speaker preparation room is located in the entrance foyer of the ICM close to the main entrance. Opening hours and detailed instructions for speakers/presenting authors are available on p. 70.

## Filming/photography

Please note that all lectures are copyrighted in favour of the respective speaker. Therefore, visual or sound recordings require the prior consent of the speaker (Section 53, subsec. 7 GCA). Any unapproved recording is unlawful and can cause compensation claims and injunctive relief by the copyright owner.

## ePoster



The ePoster terminals are located in the foyer first floor, ICM. Experience a state-of-the-art ePoster presentation, swipe and view the screens, search the database for topics, authors, keywords, etc. You may view the ePosters during the official opening hours of the Congress. Meet with your colleagues and research groups to check out new and interesting research presented in the ePoster format.

## Abstract book

The abstract book is a supplement of the journal 'Hip International', the official journal of EHS. Only abstracts of oral presentations and ePosters are published. Delegates may

pick up their copy of the supplement at the CeramTec booth (No. 36). Please have your abstract book voucher at hand.

## Awards

The two best abstract presentations, after due evaluation by the Scientific committee, will receive an award granted by Hip International of EUR 1,500 and EUR 1,000 respectively. The awarded abstracts will be published as full original article/review in a forthcoming issue of 'Hip International'.

## Award ceremony

The EHS Awards will be presented during the official Award session on Thursday, 8 September 2016, 18:30–19:00 h in Saal 13a, ICM.

## Catering facilities

During the networking breaks from Tuesday to Thursday participants will be provided with a selection of free catering in the exhibition hall. Drinks and snacks are available during the official opening hours of the Congress for purchase at the designated cash bar in the exhibition hall.

## Sit down area

In the Foyer first floor delegates may take a rest and sit down for a while, get a coffee from the cash bar and afterwards browse through the ePosters which are located just next to the sit down areas.

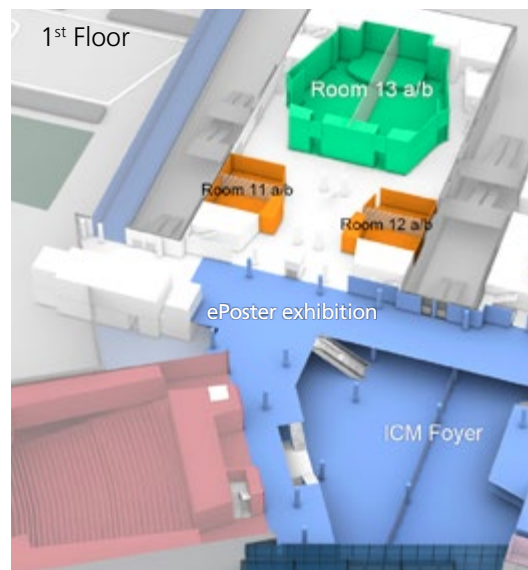
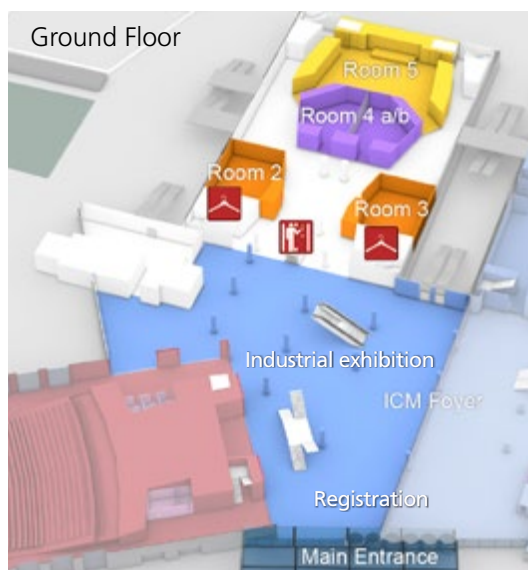
## Cloakroom

A cloakroom is available for participants in the ICM close to the rooms Saal 2 and Saal 3. No liability is taken for wardrobe.

## Disabled access

The congress venue is fully accessible.

Floor plan



Industrial Exhibition

An industrial exhibition will take place at the International Congress Center Munich. **34 exhibitors** will present a wide range of orthopaedic related products and services. Participants are encouraged to take advantage of this unique opportunity to be updated with the most recent advances and the latest news from our industry partners. For details see p. 72.

Insurance

Registration fees for the conference do not include any insurance. Neither the local organizing committee nor EHS Executive Committee will accept any responsibility or liability for any injuries, losses or damages sustained as a result of any cancellation, accidents, illness or other occurrences that may arise in connection with EHS Congress 2016, unless occur as a result of our own negligence.

Lost and found

In case you have lost or found anything in the venue, please consult the Congress office in the main entrance foyer.

Membership

You may apply for membership directly at the EHS booth in the entrance foyer. For details about your benefits, please see p. 8.

No smoking

The venue is a designated non-smoking premise.

WiFi internet access

WiFi will be available in all areas of the ICM used for the EHS Congress from Tuesday to Thursday free of charge. SSID: EHS-Congress

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