

EUROPEAN HIP SOCIETY



15TH CONGRESS OF THE EUROPEAN HIP SOCIETY

12-13 OCT. 2023



BERN, SWITZERLAND

Congress President:

Professor Klaus Siebenrock, M.D.
Bern, Switzerland

www.ehs-congress.com

Welcome



As the current president of the European Hip Society, I am more than happy to promote and to host the 15th Congress of the European Hip Society in Bern, Switzerland! The event will take place from October 12-13, 2023. Burning issues, newest developments as well as standards of modern hip surgery will be presented and discussed by international experts, industry partners and you all. The Congress will take place at the wonderful location called the Kursaal overlooking the old city of Bern and with a splendid mountain view provided there are good weather conditions.

I am looking forward to welcoming you.

Professor Klaus Siebenrock, M.D.
EHS President (2021-2023)



★ Highlight Topics

- > Hip joint preservation surgery
- > The young patient with a hip prosthesis
- > State of the art of customized 3D hip prostheses in hip revisions
- > Revision surgery in total hip arthroplasty
- > Hip registries

Key Facts

Venue

Kursaal Bern
Kornhausstrasse 3
3010 Bern
Switzerland 

Congress President

Professor Klaus Siebenrock, M.D.
University of Bern
Inselspital
Bern, Switzerland

Initiator

European Hip Society
www.europeanhipociety.com

Fiscal organiser

Intercongress GmbH
Ingeborg-Krummer-Schroth-Str. 30
79106 Freiburg
ehs-congress@intercongress.de



12 - 13 OCT. 2023
BERN, SWITZERLAND

www.ehs-congress.de



EUROPEAN HIP SOCIETY



INTERCONGRESS



About the EHS

The European Hip Society aims to advance the exchange of medical experiences, scientific developments and knowledge regarding juvenile and adult hip diseases.

www.europeanhipsociety.com

EHS membership

Be part of the growing European network of key opinion leaders
– become an EHS member!

Sign up on www.europeanhipsociety.com

Your benefits as a full member:

- › 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

SCIENTIFIC PROGRAMME



	Kursaal Arena	Szenario 1+2	Panorama 1	Panorama 2+4	Foyer
08:00	How to get into the joint safely during hip arthroscopy	Geriatric acetabular fractures - how To Manage?	Short stems	Outcome/Proms in Hip surgery 1	Poster exhibition
08:50	Infection prevention in THA	Periprosthetic acetabular fracture - How to manage?			
09:35	COFFEE BREAK, VISIT OF EXHIBITION				
10:10	The 7 best ranked abstracts	Trauma of hip and pelvis	Infection around the hip	FAI & Hip arthroscopy	
10:05 - 10:10h	Introduction remarks				
11:15	The primary complex THA - case discussion	Femoral revision in THA			
12:15	LUNCH BREAK, VISIT OF EXHIBITION, INDUSTRY SYMPOSIA				Award posters 12:30 - 13:30h
13:45	Round table: Drawback of various approaches for THA	Interfaces and implant stability in primary THA			
14:50	Open hip joint preservation surgery	Instability - early and late dislocation in THA			
15:50	COFFEE BREAK, VISIT OF EXHIBITION				
16:20	Hip joint preservation 1	Hip Instability	Miscellaneous around primary THA	Complications in hip surgery	
17:25	Awards & Japanese guests' presentation				
18:20	EHS General Assembly 18:20 - 19:20				
19:00					

	Kursaal Arena	Szenario 1+2	Panorama 1	Panorama 2+4	Foyer
08:00	Reconstruction of muscular deficiencies around the hip	The painful hip in the young adult	New technologies 1	Femoral fractures/ Femoral revision	Poster exhibition
08:50	Management of intra-articular problems in FAI - open and by HAS	How to perform a well cemented THA			
09:35	COFFEE BREAK, VISIT OF EXHIBITION				
10:05	Hip joint preservation 2	False easy primary total hips/outcome	Hip surgery in the young	Revision Surgery in THA	
11:10	Fast track outpatient THA	Case discussion: Periprosthetic femoral fractures in THA			
12:10	LUNCH BREAK, VISIT OF EXHIBITION, INDUSTRY SYMPOSIA				
13:40	New technologies 2	Acetabular revisions	Hip-Spine Relationship	Outcome/Proms in Hip surgery 2	
15:15	Round table: New Technologies in THA - status quo and the future	Acetabular revision in THA			
16:15	COFFEE BREAK, VISIT OF EXHIBITION				
16:45	Periprosthetic joint infection: Femoral fixation for treatment of an infected total hip replacement	The role of Hip/Spine relationship			
17:45	Closing remarks and handover presidential medal				
18:00					

- Award session
- Industry symposia
- Others
- Discussion
- Instructional course lecture
- Poster
- Free papers
- Invited symposium
- Poster presentation

08:00 - 08:45	ICL1 - How to get into the joint safely during hip arthroscopy
Kursaal Arena	Chair: O. Marin-Pena (Spain), N. Santori (Italy)
8'	How to prepare the OR and do the traction to avoid complications <i>F. Randelli (Italy)</i>
8'	Video-technique (I) Visualization of the central compartment and standard labral repair <i>P. Christofilopoulos (Switzerland)</i>
8'	Video-technique (II) Move to peripheral compartment and do a femoral osteoplasty <i>P. Dantas (Portugal)</i>
21'	Discussion

08:00 - 08:45	ICL2 - Geriatric Acetabular Fractures – How To Manage?
Szenario 1+2	Chair: J. Bastian (Switzerland) , T. Tosounidis (Greece)
10'+5'	Osteosynthesis – when and how I do it? <i>M. Keel (Switzerland)</i>
10'+5'	Acute Total Hip Arthroplasty – when and how I do it? <i>N.N.</i>
10'+5'	Decision making – an update on current evidence <i>T. Tosounidis (Greece)</i>

08:00 - 09:35	FP01 - Short stems
Panorama 1	Chair: A. Zahar (Hungary), F. Thorey (Germany)
2313 6'+2'	RSA migration analysis and clinical results of the A2 short stem - a prospective randomized study comparing different implant coatings <i>N. Becker (Germany), M. Schwarze, J. Plagge, T. Flörkemeier, H. Windhagen, C. Hurschler, A. Derksen, S. Budde</i>
2342 6'+2'	Age, gender and BMI in short stems <i>N. Reina (France), H. Vilette, E. Cavaignac, P. Chiron</i>
2082 6'+2'	Clinical and radiological outcomes of an uncemented metaphyseal short stem at minimum 10 years follow-up: a prospective observational study <i>F. Gambaro (Italy), M. Loppini, M. Spera, E. Morengi, G. Grappiolo</i>
2190 6'+2'	Is a Partial Neck-Preserving Cementless Short Stem a Suitable Option for Dorr Type A Femurs? <i>C. Lucero (Argentina), E. Martinez, P. Slullitel, G. Zanotti, F. Comba, M. Buttaro</i>

2064 6'+2'	The outcome of 394 consecutive cemented Exeter short stems used in primary total hip arthroplasties with a maximum follow-up of 28 years <i>H. W. van Veghel Mirthe (Netherlands), R. van der Koelen, G. Hannink, B. Schreurs, W. Rijnen</i>
2141 6'+2'	Long-Term Outcomes with a Partial Neck-Preserving Cementless Short Stem in Primary Total Hip Arthroplasty for Young Patients <i>M. Latorre (Argentina), C. Lucero, J. Teves, P. Slullitel, G. Zanotti, F. Comba, M. Buttaro</i>
2317 6'+2'	Cemented Exeter short stems performance compared with standard length Exeter stems: a retrospective comparative single surgeon 800 cases cohort study <i>E. Kenanidis (Greece), N. Milonakis, E. Tsiridis</i>
2089 6'+2'	Long-term results of the optimys short stem: Preliminary data of a prospective multi-center observational study including the first 879 hips ever worldwide. <i>K. Kutzner (Germany), G. Heers, T. Thut, G. Pap, P. Poglia, Y. Afghanyar</i>
2186 6'+2'	Partial neck preserving Short-stemmed Total Hip Arthroplasty in patients under 25 years old: Preliminary results with a minimum 2-year follow-up <i>A. Albani Forneris (Argentina), M. Buljubasich, S. Kohan, C. Fieiras, P. Slullitel, G. Zanotti, F. Comba, M. Buttaro</i>
2033 6'+2'	The influence of obesity on clinical outcomes of a short hip stem <i>J. Moreta (Spain), I. Uriarte, X. Foruria, D. Donaire-Hoyas, A. Albert-Ullibarri</i>
2046 6'+2'	Is a Type 2B Short Stem Adequate in Patients with Proximal Femoral Deformities? <i>F. Diaz-Dilernia, P. Slullitel, G. Zanotti, F. Comba, M. Buttaro (Argentina)</i>

08:00 - 09:35	FP02 - Outcome/Proms in Hip surgery 1
Panorama 2+4	Chair: M. Mohaddes (Sweden), V. Khanduja (United Kingdom)
2311 6'+2'	Sexual function before and after hip arthroscopy: A study using the NAHR dataset <i>C. Smith, K. Sunil Kumar (United Kingdom), R. Holleyman, L. Nero, V. Khanduja, A. Malviya</i>
2171 6'+2'	The Subjective Hip Value is a valid, reliable, and responsive instrument for assessing hip function in primary THA <i>V. Leopold (Germany), P. Homm, D. Krüger, C. Hipfl, C. Perka, S. Hardt</i>
2212 6'+2'	Ceramic-on-metal coupling in THA: long term clinical and radiographic outcomes using two different short stems <i>M. Saracco (Italy), V. Ciriello, M. Pierluigi, D. Francesco, F. Falez, G. Logroscino</i>
2229 6'+2'	Comparison of oncologic and functional outcome after hip disarticulation, internal and external hemipelvectomy <i>N. Beckmann (Germany), J. Bollmann, A. Royer, A. Geisbüsch, B. Lehner</i>

- 2312 6'+2' Sexual function before and after peri-acetabular osteotomy: A study using the NAHR dataset
S. Kolhe (United Kingdom), K. Sunil Kumar, R. Holleyman, K. Baig, V. Khanduja, A. Malviya
- 2117 6'+2' 10-year results of an isoelastic monoblock cup made of highly cross-linked polyethylene infused with vitamin E: A prospective cohort study of 101 hips
Y. Afghanyar (Germany), B. Afghanyar, J. Dargel, P. Rehbein, E. Gercek, P. Drees, K. Kutzner
- 2103 6'+2' Which factors are associated with a successful outcome following total hip replacement in patients with early radiographic osteoarthritis?
M. Sharrock (United Kingdom), T. Board
- 2314 6'+2' Functional and radiological outcomes of periacetabular osteotomy for hip dysplasia using a minimally-invasive approach - a single surgeon series with a minimum follow up of two years.
K. Sunil Kumar (United Kingdom), K. Bhargava, G. Stamp, A. Malviya
- 2073 6'+2' Hip fracture in solid organ transplant patients: Outcomes and survivorship
G. Mariscal (Spain), F. Torrecillas, J. Huguet, A. Balfagón, M. Barrés
- 2237 6'+2' No learning curve for the direct superior approach in total hip arthroplasty: an analysis based on 1,551 total hip arthroplasties from the Dutch Arthroplasty Register
P. Bos (Netherlands), B. van Dooren, W. Zijlstra, R. Peters, H. Ettema, S. Bolder, B. Schreurs
- 2315 6'+2' Influence of Tonnis grade and McKibbin index of the outcome of periacetabular osteotomy. A single surgeon series of 353 cases
K. Sunil Kumar (United Kingdom), K. Bhargava, A. Malviya

08:50 - 09:35 ICL3 - Infection prevention in THA

Kursaal Arena

- Chair: S. Bondarenko (Ukraine), P. Kinov (Bulgaria)
- 10' Preoperative Glycemic control in THA patients
R. Schwarzkopf (United States of America)
- 10' Local antibiotics application at THA through Bikini approach for PJI prophylaxis
K. Mahalingam (Ireland)
- 10' Systemic therapy for prophylaxis of infection at THA
O. Pidgaiska (Germany)
- 15' Discussion

08:50 - 09:35 ICL4 - Periprosthetic acetabular fracture - How to manage?

Scenario 1+2

- Chair: A. Massé (Italy), J. Kärrholm (Sweden)
- 10' Classification and treatment algorithms
U. Stoeckle (Germany)
- 10' Incidence, Demography and treatment modalities based on case series and data from the Swedish Fracture and Swedish Arthroplasty Registers
J. Kärrholm (Sweden)
- 10' Results
A. Massé (Italy)
- 15' Discussion

09:35 - 10:05 COFFEE BREAK, VISIT OF EXHIBITION

10:05 - 10:10 OT1 - Introduction Remarks

Kursaal Arena

10:10 - 11:10 FP03 - The 7 best ranked abstracts

Kursaal Arena

- Chair: K. Siebenrock (Switzerland), L. Zagra (Italy)
- 2120 6'+2' Prevalence of adverse spino-pelvic characteristics in patients undergoing total hip arthroplasty and its clinical implications - A prospective study
J. Verhaegen (Belgium), M. Innmann, P. Monk, C. Merle, G. Grammatopoulos
- 2207 6'+2' Does the dGEMRIC index recover 3 years after FAI surgery following an initial decrease at 1 year followup? A controlled prospective study
M. K. Meier (Switzerland), M. Hanke, E. Liechti, T. Lerch, M. Tannast, K. Siebenrock, S. Steppacher, F. Schmaranzer
- 2226 6'+2' Two-year outcomes of a monoblock tapered femoral stem for complex THA femoral reconstruction: A multicenter prospective study
K. Lawrence, A. Habibi, I. Ashkenazi, V. Rajahraman, J. Thomas, R. Schwarzkopf (United States of America)
- 2344 6'+2' Can machine learning predict minimal clinically important difference using iHot-12 at 1 year following arthroscopic treatment for Femoroacetabular Impingement?
J. Green (United Kingdom), M. Forshaw, V. Khanduja, A. Malviya, S. Kolhe (United Kingdom)

- 2225 6'+2' Should High-Risk Patients Seek Out Care from High-Volume Surgeons? An Analysis of 1,134 High-Risk Total Hip Arthroplasty Cases
R. Schwarzkopf (United States of America), J. Thomas, I. Ashkenazi, K. Lawrence, A. Habibi, W. Macaulay, J. Rozell
- 2136 6'+2' Patients with low-grade OA have less favourable outcomes post-THA compared to a matched cohort of patients with end-stage OA
W. Peeters (Belgium), F. Vandeputte, J. Verhaegen, K. Corten
- 2326 6'+2' Reoperation of the unexplained painful primary total hip arthroplasty: is it helpful?
H. Abdelaziz (Germany), H. Mau, T. Gehrke

10:10 - 11:10 FP04 - Trauma of hip and pelvis

Szenario 1+2

Chair: M. Keel (Switzerland), U.Stoeckle (Germany)

- 2041 6'+2' What is the Fate of Undisplaced Neck of Femur Fractures Treated with Cannulated Screws?: The Garden Classification Should be Revisited
P. Slullitel (Argentina), V. Latallade, N. Lucero, G. Zanotti, F. Comba, M. Buttarò
- 2206 6'+2' Factors Affecting the Length of Stay in Patients Sustaining Traumatic Neck of Femur Fractures at a District General Hospital
A. Shah (United Kingdom), D. Parmar, A. Fazal
- 2075 6'+2' Incidence and risk factors for urinary tract injury in pelvic fracture: Systematic review and meta-analysis
G. Mariscal (Spain), A. Lorente, R. Lorente
- 2085 6'+2' Outcomes in the Use of Megaprosthesis in the Non-Tertiary Setting: An 8 Year Review
W. Aldridge, L. Smitton, A. Ng, H. Clarke (United Kingdom)
- 2130 6'+2' Corona Mortis: Clinical Evaluation of Prevalence, Anatomy, and Relevance in Anterior Approaches to the Pelvis and Acetabulum
S. Schaible (Switzerland), M. Hanke, C. Tinner, J. Bastian, C. Albers, M. Keel, K. Siebenrock
- 2163 6'+2' Early to mid-term mortality rates at a tertiary referral centre for revision hip arthroplasty for peri-prosthetic fracture compared to aseptic loosening and infection
R. Unsworth (United Kingdom), J. Barrow, G. Hastie, P. Siney, T. Board, H. Divecha
- 2295 6'+2' Periprosthetic Fractures around Total Hip Replacement - Is there a Rush to Fix?
T. Boddice (United Kingdom), P. Harrison, C. Anthony, A. Ng

10:10 - 11:10 FP05 - Infection around the hip

Panorama 1

Chair: G. Meermans (Netherlands), O. Pidgaiska (Germany)

- 2034 6'+2' The Modified-KLIC Score: A Novel Tool to Predict Outcomes Following Debridement, Antibiotics and Implant Retention (DAIR) After Acute Periprosthetic Hip Infection
P. Slullitel (Argentina), J. Perez-Abdala, I. Huespe, G. Zanotti, F. Comba, M. Buttarò
- 2281 6'+2' Two-Stage Revision Of The Hip: A Retrospective Analysis Of Seventy-Six Patients Managed With The Same Design Articulated Spacer
G. Cacciola (Italy), A. Bruschetta, F. De Meo, P. Cavaliere
- 2025 6'+2' Joint damage detected by preoperative MR arthrography under leg traction improves prediction of failure at 2-5years following arthroscopic FAI surgery
M. Hanke (Switzerland), M. Wagner, A. Brunner, P. Vavron, T. Lerch, S. Steppacher, K. Siebenrock, F. Schmaranzer
- 2036 6'+2' Results of Arthroscopic AMIC and BMAC for Acetabular Cartilage Lesions
J. Somers (Belgium)
- 2178 6'+2' Comparing the Efficacy of Intra-Articular multiple Platelet-Rich Plasma versus Hyaluronic Acid for Hip Osteoarthritis with developmental dysplasia of the hip: A Prospective, Double-Blind, Randomized Controlled Trial
J. Dan (Japan), Y. Okanou, M. Ikeuchi
- 2036 6'+2' Results of Arthroscopic AMIC and BMAC for Acetabular Cartilage Lesions
J. Somers (Belgium)
- 2178 6'+2' Comparing the Efficacy of Intra-Articular multiple Platelet-Rich Plasma versus Hyaluronic Acid for Hip Osteoarthritis with developmental dysplasia of the hip: A Prospective, Double-Blind, Randomized Controlled Trial
J. Dan (Japan), Y. Okanou, M. Ikeuchi

10:10 - 11:10 FP06 - FAI & Hip Arthroscopy

Panorama 2+4

Chair: M. Beck (Switzerland), C. Chiari (Austria)

- 2327 6'+2' Early outcomes of hip arthroscopy for femoroacetabular impingement: a study of 6,736 cases using the NAHR dataset
R. Holleyman, K. Sunil Kumar, S. Kohle (United Kingdom), M. Bankes, T. Board, NAHR User Group, A. Malviya, V. Khanduja
- 2172 6'+2' Survivorship and outcome of arthroscopic treatment of femoro-acetabular impingement at 10 years follow-up
M. Mazzoleni (Italy), A. Di Loreto, A. Fioruzzi, M. Viganò, G. Volpe, M. Elhiny, F. Randelli

- 2345
6'+2' Comparison of early outcomes following arthroscopic acetabular chondroplasty and microfracture: a study using the U.K. non-arthroplasty hip registry dataset
G. Stamp, R. Holleyman, K. Sunil Kumar, S. Kohle (United Kingdom), NAHR User Group, V. Khanduja, A. Malviya
- 2264
6'+2' Utility of Biomarkers for Femoroacetabular Impingement: A Systematic Review
J. Yoshitani (United Kingdom), S. Ekhtiari, V.Khanduja
- 2122
6'+2' Influence of femoral and acetabular version on patient reported outcomes prior to hip preservation surgery
J. Verhaegen (Belgium), M. Burke, C. Galletta, P. Beaulé, G. Grammatopoulos
- 2346
6'+2' Comparison of early outcomes of arthroscopic labral repair or debridement: a study using the UK Non-Arthroplasty Hip Registry dataset
R. Holleyman (United Kingdom), S. Lyman, M. Bankes, T. Board, C. McBryde, T. Andrade, A. Malviya, V. Khanduja
- 2031
6'+2' Anterior Center-Edge Angle is Less Reliable than Anterior Wall Index to Predict Anterior Coverage of the Femoral Head
P. Slullitel (Argentina), M. Latorre, F. Holc, M. Buljubasich, G. Zanotti, F. Comba, G. Grammatopoulos, M. Buttarò

11:15 - 12:15 DI1 - The primary complex THA - case discussion

- Kursaal Arena** Chair: K. Guenther (Germany), J. Skinner (United Kingdom)
- 8'+4' Hartofilakidis Type C Dysplasia
A. Tokgözoglu (Turkey)
 - 8'+4' The young (adolescent) patient
S. Overgaard (Denmark)
 - 8'+4' Distorted anatomy post femoral fracture
J. Skinner (United Kingdom)
 - 8'+4' Osteopetrosis
K. Guenther (Germany)
 - 8'+4' The narrow femoral canal
H. Fujita (Japan)

11:15 - 12:15 SY1 - Femoral revision in THA

- Szenario 1+2** Chair: E. Tsiridis (Greece), R. Binazzi (Italy)
- 10' ETO and other tips and tricks for removing femoral components in revision THA
R. Binazzi (Italy)

- 10' Femoral Revision following periprosthetic femoral fractures using cemented and uncemented prostheses
E. Tsiridis (Greece)
- 10' Impaction grafting for femoral revision: technique and outcomes
B. Schreurs (Netherlands)
- 10' Revision cemented or uncemented femoral component following PJI
R. Schwarzkopf (United States of America)
- 20' Discussion

12:15 - 13:45 LUNCH BREAK, VISIT OF EXHIBITION, INDUSTRY SYMPOSIA

12:30 - 13:30 AP - Award Poster Presentations

Foyer Details p. 31

13:45 - 14:45 DI2 - Round Table: Drawback of various approaches for THA

- Kursaal Arena** Chair: L. Zagra (Italy)
- 10' Anterior approach
M. Thaler (Austria)
 - 10' Direct lateral approach
T. Ilchmann (Switzerland)
 - 10' Posterior approach
A. Manktelow (United Kingdom)
 - 30' Interactive discussion

13:45 - 14:45 SY2 - Interfaces and implant stability in primary THA

- Szenario 1+2** Chair: T. Karachalios (Greece), A. Hart (United Kingdom)
- 10' Implant-cement and Cement-bone interface. Biology, stability and long term outcomes
M. Mohaddes (Sweden)
 - 10' HA-bone interface. Biology, stability and long term outcomes
J. Epinette (France)
 - 10' Trabecular metal -bone interface. Biology, stability and long term outcomes
T. Karachalios (Greece)

- 10' Custom 3D printed implants. Interface challenges and outcomes
A. Hart (United Kingdom)
- 20' Discussion

14:50 - 15:50 SY3 - Open hip joint preservation surgery

- Kursaal Arena** Chair: K. Siebenrock (Switzerland)
- 10' Treatment & benefit of unstable/dysplastic hips with pelvic osteotomies
Y. Nakashima (Japan)
 - 10' Algorithm for surgical hip dislocation for FAI – where we are today?
M. Tannast (Switzerland)
 - 10' Non Arthroplasty Hip Registry and 10-year outcome in literature – what have we learned?
V. Khanduja (United Kingdom)
 - 10' Reorientation & remodeling beyond the standard
Siebenrock K. (Switzerland)
 - 20' Discussion

14:50 - 15:50 SY4 - Instability - early and late dislocation in THA

- Szenario 1+2** Chair: J. Epinette (France), G. Ullmark (Sweden)
- 10' The unstable total hip arthroplasty
G. Ullmark (Sweden)
 - 10' Total Hip Arthroplasty Instability Treatment without DM cups: the other options
L. Zagra (Italy)
 - 10' Advantageous biomechanical behavior of dual mobility compared to big head and constrained implants
O. Guyen (Switzerland)
 - 10' Dual mobility total hip arthroplasty: should everyone get one?
B. Boyer (France)
 - 20' Discussion

15:50 - 16:45 COFFEE BREAK, VISIT OF EXHIBITION

16:20 - 17:20 FP07 - Hip joint preservation 1

- Kursaal Arena** Chair: L. Büchler (Switzerland), Y. Nakashima (Japan)
- 2301 6'+2' The Management of Patients with Femoroacetabular Impingement and Concomitant Tönnis Grade 2 or Greater Hip Osteoarthritis: An International Expert-Panel Delphi Study
V. Khanduja (United Kingdom), V. Lu, L. S. Claydon - Mueller, R. Cubberley, O. Andronic
 - 2030 6'+2' Unilateral Bernese periacetabular osteotomy - what happens to the pelvic tilt over time?
A. Heimann (Switzerland), I. Brouze, G. Zheng, J. Schwab, M. Tannast, C. A. Zurmühle
 - 2110 6'+2' Acetabular sector angles in asymptomatic and dysplastic hips - Defining Dysplasia and thresholds to guide management
J. Verhaegen (Belgium), Z. Devries, I. Horton, P. Slullitel, K. Rakhra, P. Beaulé, G. Grammatopoulos
 - 2328 6'+2' Early to midterm outcomes of periacetabular osteotomy for developmental hip dysplasia and femoroacetabular impingement: a study of 1,087 cases using the NAHR dataset
R. Holleyman (United Kingdom), K. Sunil Kumar, M. Bankes, J. Witt, V. Khanduja, A. Malviya
 - 2112 6'+2' Patients with hip dysplasia have frequent femoral torsion deformities and combined version on preoperative MRI
T. Lerch (Switzerland), E. Grigoriou, Y. Kim, E. Novais
 - 2003 6'+2' How does sports activity change after periacetabular osteotomy? - A qualitative and quantitative analysis
V. Leopold (Germany), A. Szarek, C. Hipfl, M. Pumberger, C. Perka, S. Hardt, J. Löchel

16:20 - 17:20 FP08 - Hip Instability

- Szenario 1+2** Chair: B. Boyer (France), J. Cordero-Ampuero (Spain)
- 2247 6'+2' The relevance of iliofemoral and pubofemoral ligaments for Total Hip Arthroplasty stability. A cadaveric study.
A. Broch (Spain), E. Navarro-Cano, F. Reina, A. Carrera, A. Salvador
 - 2044 6'+2' Decentration of the femoral head: Is it associated with osseous deformities predisposing to hip instability and the need for periacetabular osteotomy
A. Becker, F. Schmaranzer, S. Steppacher, A. Heimann (Switzerland), M. Tannast, K. Siebenrock, T. Lerch
 - 2179 6'+2' The Position of the Femoral Fovea Measured by Delta Angle Represents a Viable Parameter for the Assessment of Hip Instability and Lesions of the Ligamentum Teres of the Hip
K. Vertesich (Austria), M. Schreiner, C. Rentenberger, M.-C. Lutschounig, L. Rabitsch, I.-M. Nöbauer-Huhmann, R. Windhager, C. Chiari

- 2239 6'+2' Dual-Mobility Constructs Are Not a Panacea in Revision Total Hip Arthroplasty for Recurrent Dislocation: Mid-term results from a Single-Center Series
C. Hipfl (Germany), J. Scholz, V. Leopold, C. Perka, S. Hardt
- 2080 6'+2' An Evaluation of Outcomes in G7 Dual Mobility Cup for Primary Total Hip Arthroplasty: a Single Centre Retrospective Study
W. Aldridge (United Kingdom), F. Braimah, H. Ahmed, S. Jehan, S. Jones, A. Ng
- 2236 6'+2' Acetabular morphology predicts the risk of dislocation following hemiarthroplasty for femoral neck fractures in the elderly
P. Franco (Italy), G. Secci, M. Innocenti, L. Zanna, R. Civinini

16:20 - 17:20 FP09 - Miscellaneous around primary THA

Panorama 1

Chair: P. Dantas (Portugal), B. Steno (Slovakia)

- 2059 6'+2' Real World Validation of an Machine Learning Algorithm Predicting Treatment Strategy for Hip Osteoarthritis.
W. van der Weegen (Netherlands), T. Warren, R. Agricola, D. Das, M. Siebelt
- 2131 6'+2' Will the positioning of right and left-sided acetabular cups differ for a right-handed surgeon operating through a direct lateral approach?
A. Khalifa (Egypt), M. Alzohiry, A. Abdelaal
- 2302 6'+2' Prehabilitation in patients undergoing Orthopaedic surgery- A systematic review and meta-analysis of Randomised Control Trials
A. Punnoose (United Kingdom), L. Claydon-Mueller, O. Weiss, J. Zhang, A. Rushton, V. Khanduja
- 2154 6'+2' Topographical anatomical landmarks for intraoperative identification the Gibson interval: a study of 617 hips.
V. Franken (Switzerland), S. Blümel, M. Tannast
- 2338 6'+2' Does performing spinal anesthesia in the operating room for hip arthroplasty reduce the operating room's efficiency?
N. Reina (France), M. Teulieres, V. Marot, F. Ferre, V. Minville, E. Cavaignac
- 2146 6'+2' The history of the straight stem in hip arthroplasty
H. Wellauer (Switzerland), R. Heuberger, E. Gautier, M. Tannast, H. Steinke, P. Wahl
- 2079 6'+2' The learning curve of the direct anterior approach is 100 cases. An analysis based on 15,875 total hip arthroplasties, using the Dutch Arthroplasty Register
R. Peters (Netherlands), B. Have, K. Rykov, M. Rutgers, S. Vos, B. van Steijnen, R. Poolman, S. Vehmeijer, W. Zijlstra

16:20 - 17:20 FP10 - Complications in hip surgery

Panorama 2+4

Chair: S. Steppacher (Switzerland), T. Wik (Norway)

- 2037 6'+2' Incidence of perioperative periprosthetic fractures in uncemented short stem total hip arthroplasty
J. Somers (Belgium), S. Walgrave
- 2066 6'+2' Direct superior approach (DSA) associated with lower short-term revision risk for total hip arthroplasty compared to posterolateral approach. Early nationwide results based on the Dutch Arthroplasty Register (LROI)
B. van Dooren (Netherlands), R. Peters, H. Ettema, B. Schreurs, L. van Steenbergen, S. Bolder, W. Zijlstra
- 2070 6'+2' Incidence and Risk Factors for Stroke after Hip Fracture: A meta-analysis
G. Mariscal (Spain), J. Gómez-Álvarez, M. San-Julián, J. Lamo-Espinosa
- 2192 6'+2' Reduction of postoperative fever in proximal femur fractures during the COVID-19 Pandemic due to PPE and Cautions.
P. Mastri (Italy), A. Fidanza, F. Di Petrillo, F. D'Andrea, D. Staniscia, M. Saracco, G. Logroscino
- 2294 6'+2' Elastic compression dressing reduces leg swelling and initial postoperative blood loss after total hip arthroplasty
S. Brodt (Germany), G. Matziolis, S. Rohe
- 2224 6'+2' Allogenic Blood Transfusion in the age of Tranexamic Acid - Who Needs a Type and Screen before Total Hip Arthroplasty?
R. Schwarzkopf (United States of America), S. Ward, V. Rajahraman, A. Habibi, I. Ashkenazi, J. Rozell, W. Macaulay, M. Hepinstall

17:25 - 18:10 AS1 - Awards & Japanese Guests' presentation

Kursaal Arena

- 5' Presentation
H. Fujita (Japan)
- 5' Presentation
Y. Nakashima (Japan)
- 15' Announcements of the Best free paper and Best poster Awards 2023

18:20 - 19:20 OT2 - EHS General Assembly

Szenario 1+2

08:00 - 08:45	ICL5 - Reconstruction of Muscular Deficiencies around the hip
Kursaal Arena	Chair: M. Loppini (Italy), M. Beck (Switzerland)
10'	Overview of abductor insufficiency and how to repair <i>M. Loppini (Italy)</i>
10'	Abductor revision surgery - how to restore abductor biomechanics <i>G. Grappiolo (Italy)</i>
10'	Indications, outcome of Psoas tenotomy. Is psoas reconstruction ever needed? <i>O. Marin-Pena (Spain)</i>
15'	Discussion

08:00 - 08:45	ICL6 - The painful hip in the young adult
Scenario 1+2	Chair: S. Steppacher (Switzerland), F. Randelli (Italy)
10'	State of the art imaging in the young and painful hip <i>F. Schmaranzer (Switzerland)</i>
10'	Femoroacetabular impingement (FAI): current concepts and treatment results <i>S. Steppacher (Switzerland)</i>
10'	Be aware, there is not only FAI! Other causes of hip pain in the young adult <i>F. Randelli (Italy)</i>
15'	Discussion

08:00 - 09:35	FP11 - New technologies 1
Panorama 1	Chair: J. Cobb (United Kingdom), E. Garcia Rey (Spain)
2233 6'+2'	Robotic Arm Assisted Total Hip Replacement: an Assistant and a Mentor <i>H. Fu (Hong Kong), A. Cheung, M. Cheung, W. Chan, P. Chan, K. Chiu</i>
2183 6'+2'	Guiding prosthetic femoral version using 3D-printed patient-specific instrumentation (PSI): A pilot study <i>A. Di Laura (United Kingdom), J. Henckel, H. Hothi, A. Hart</i>
2340 6'+2'	Mako robotic-arm assisted system in total hip arthroplasty for Japanese patients: Single surgeon's initial 100 cases. <i>M. Mizushima (Japan), R. Ichikawa, T. Nagatani, K. Yonemori</i>
2219 6'+2'	The effect of spinopelvic parameters on the placement of the acetabular component in robotic arm-assisted total hip prosthesis in patients with developmental hip dysplasia <i>M. Mutlu, A. Aksakal, H. Zora, Ö. Bilgen (Turkey)</i>
2168 6'+2'	Does Kaplan-Meier analysis overestimate the risk of revision in young patients undergoing total hip arthroplasty? A six- to 16- year follow-up study <i>J. Sánchez Mateos (Spain), F. Pérez Barragans, E. Garcia Rey</i>

2291 6'+2'	Outcomes and return to dance of six active professional ballet dancers aged under 40 at total hip arthroplasty by direct anterior approach with custom stems <i>A. Nogier (France), I. Tourabaly, X. Barreau, S. Ramos-Pascual, M. Saffarini, C. Courtin</i>
2266 6'+2'	The first 200 ceramic-on-ceramic hip resurfacing implants at minimum 2-year follow-up. <i>B. Walter, D. Lin, P. Weinrauch, K. deSmet, P. Beaulé, D. Young, J. Xu, A. Manktelow (United Kingdom)</i>
2197 6'+2'	Minimum 10 Year Outcome and Conversion Rate to THA After Hip Arthroscopy for the Treatment of Femoroacetabular Impingement <i>M. Tey-Pons (Spain), E. Uzun, L. Pérez-Carro, J. Sanz-Reig, J. Mas-Martínez, J. Ferrer-Rivero, X. Lizano-Díez, J. Cabello-Gallardo</i>
2285 6'+2'	Pre-Surgical Planning of Hip Resurfacing Arthroplasty Using Digital Radiographs, EOS Imaging, and CT Converted 3D Models <i>Y. Chai, V. Maes (Australia), M. Boudali, E. Jenkins, B. Walter</i>
2251 6'+2'	Prosthetic Impingement Risk Factors and Impact on Patient Outcomes in Hip Resurfacing Arthroplasty. <i>B. Walter, L. Eckhard (Germany), D. Shen</i>
2277 6'+2'	Robotic surgery with functional evaluation 3D software for total hip replacement mitigate spinopelvic mobility effect on impingement <i>F. Catani (Italy), A. Marcovigi, F. Sella</i>

08:00 - 09:35	FP12 - Femoral fractures/ Femoral revision
Panorama 2+4	Chair: H. Fujita (Japan), B. Atilla (Turkey)
2102 6'+2'	The outcomes of constrained total hip arthroplasty for recurrent dislocation of hip hemiarthroplasty <i>A. Rajeev (United Kingdom), G. Koshy, K. Devalia</i>
2177 6'+2'	Artificial intelligence can identify failing total hip replacements before radiographic features or a drop in patient outcome scores <i>V. Asopa (United Kingdom), A. Womersley, J. Wehbe, P. Harris, D. Sochart, K. Tucker, R. Field</i>
2056 6'+2'	Revision hip arthroplasty with Zweymuller stem: clinical and radiological outcomes at medium term. <i>A. Battaglia (Italy), R. D'Apolito, F. La Bionda, J. Ramazzotti, L. Zagra</i>
2258 6'+2'	De-escalation in Revision Hip Arthroplasty (how far could we go with down-sizing of the femoral stem) <i>A. Yaseen (Austria), B. Regenbrecht</i>
2282 6'+2'	16-years outcomes of a fully modular femoral stem in revision total hip arthroplasty ARTHROPLASTY <i>F. De Meo (Italy), A. Palazola, G. Cacciola, F. Cavaliere, A. Bruschetta, P. Cavaliere</i>

- 2055 6'+2' Comparable revision rate after cemented or cementless femoral revisions for periprosthetic femoral fractures in total hip arthroplasty. Analysis of 1.879 revision hip arthroplasties in the Dutch Arthroplasty Register.
B. van Dooren (Netherlands), R. Peters, B. Schreurs, P. Jutte, M. Stevens, W. Zijlstra
- 2051 6'+2' Fifteen years' stem survival analysis after femoral impaction bone grafting with Exeter stem in revision hip arthroplasty at a regional general hospital in Japan
T. Iwase (Japan), Y. Torii
- 2023 6'+2' Cardiac function is compromised in patients with elevated blood cobalt levels secondary to metal-on-metal hip implants
M. Jenkinson (United Kingdom), D. Meek, S. Macmillan, R. Tate, H. Grant, S. Currie
- 2019 6'+2' No table DAA for hip resurfacing: The Importance of full capsular release
R. Nasser (United Kingdom), K. Karunaseelan, T. Ueno, J. Jeffers, J. Cobb
- 2138 6'+2' The Role Of The Acetabular Evaluation And Treatment In Vancouver B2 Post-operative Periprosthetic Fractures. A Standardized And Reproducible Surgical Technique Gives Better Outcomes And Lower Complication Rates
A. Camera (Italy), S. Biggi, A. Capuzzo, R. Tedino, G. Cattaneo, S. Tornago

08:50 - 09:35 ICL7 - Management of intraarticular problems in FAI - open and by HAS

- Kursaal Arena** Chair: M. Tannast (Switzerland), M. Ribas Fernández (Spain)
- 10' Arthroscopic treatment of labral and cartilage lesions - what is possible?
M. Dienst (Germany)
 - 10' Open treatment of cartilage lesions: what you can not resolve arthroscopically
M. Beck (Switzerland)
 - 10' A comprehensive review on cartilage regeneration techniques in the hip in 2022
K. Guenther (Germany), S. Thier (Germany)
 - 15' Discussion

08:50 - 09:35 ICL8 - How to perform a well cemented THA

- Szenario 1+2** Chair: M. Mohaddes (Sweden), G. Meermans (Netherlands)
- 10' Why and when to use cemented fixation
J. Kärrholm (Sweden)
 - 10' Cementing techniques femoral and acetabular side, cement properties
W. Rijnen (Netherlands)
 - 10' Different kind of cemented stems pros and cons
M. Mohaddes (Sweden)
 - 15' Discussion

09:35 - 10:05 COFFEE BREAK, VISIT OF EXHIBITION

10:05 - 11:05 FP13 - Hip joint preservation 2

- Kursaal Arena** Chair: M. Dienst (Germany), J. Goronzy (Germany)
- 2032 6'+2' Pelvic tilt in different pathomorphologies of the hip - a relevant factor?
A. Heimann (Switzerland), V. Murmann, J. Schwab, M. Tannast
 - 2107 6'+2' Does Pelvic Tilt Change with a Peri-Acetabular Osteotomy?
J. Verhaegen (Belgium), E. Dedeogullari, I. Horton, P. Beaulé, G. Grammatopoulos
 - 2222 6'+2' Can Gadolinium Contrast Agents be Replaced with Saline for direct MR arthrography of the hip? A pilot study with arthroscopic comparison
M. K. Meier (Switzerland), M. Wagner, A. Brunner, T. Lerch, S. Steppacher, P. Vavron, E. Schmaranzer, F. Schmaranzer
 - 2310 6'+2' What are the outcomes of hip preservation surgery in patients with a pre-operative quality of life „worse than death“: A study using the NAHR dataset
K. Sunil Kumar (United Kingdom), R. Holleyman, V. Khanduja, A. Malviya
 - 2097 6'+2' Rotational Femoral Osteotomies and cam resection improve hip function and internal rotation for Patients with Anterior Subspine FAI due to low Femoral Torsion
T. Lerch (Switzerland), M. Hanke, S. Steppacher, M. Tannast, K. Siebenrock
 - 2215 6'+2' Trochanteric Reduction Osteotomy (TRO) as a rescue treatment for refractory Greater Trochanteric Pain Syndrome (GTPS). Review of clinical and functional outcomes.
M. Tey-Pons (Spain), X. Lizano-Díez, L. Martorell-de Fortuny, J. Ferrer, J. Cabello
 - 2195 6'+2' Revision hip replacement in patients with inaccurate offset
M. Mutlu, H. Zora, Ö. Bilgen (Turkey)

10:05 - 11:05 FP14 - False easy primary total hips/ outcome

- Szenario 1+2** Chair: G. Grappiolo (Italy), S. Vehmeijer (Netherlands)
- 2016 6'+2' Is elective Total Hip Arthroplasty Safe In Nonagenarians? - An Analysis From The German Arthroplasty Registry
V. Leopold (Germany), P. Krull, S. Hardt, C. Hipfl, O. Melsheimer, A. Steinbrück, C. Perka, G. Giebel
 - 2181 6'+2' Direct Anterior Approach or Posterior Approach Total Hip Arthroplasty - Is there a difference in long-term revision rates and 10-year Patient Reported Outcome Measures?
I. Afzal (United Kingdom), R. Field
 - 2292 6'+2' High satisfaction and return to dance in current or former professional ballet dancers following total hip arthroplasty by muscle-sparing direct anterior approach using custom stems
A. Nogier (France), X. Barreau, C. Courtin, S. Ramos-Pascual, M. Saffarini, I. Tourabaly

- 2151 Psychological factors as risk contributors for poor hip function after periacetabular osteotomy
6'+2'
L. Nonnenmacher (Germany), M. Fischer, A. Möller, A. Hofer, A. Zimmerer, G. Wassilew
- 2029 Pseudotumors of the acetabular labrum and medial retinaculum of the hip
6'+2'
A. Heimann (Switzerland), J. Schwab, E. Gautier, E. Stauffer, J. Galley, M. Tannast

- 2140 Trabecular metal augments combined with impaction bone grafting for management of acetabular bone defect during THA.
6'+2'
M. Abdelnasser (Egypt), M. Abdelhameed
- 2091 Polyethylene liner dissociation with the depuy pinnacle cup : a report of 11 cases.
6'+2'
B. Tavares Rabello (Brazil), A. Venturini, L. da Silva Sena, L. Carlos Zacaron Junior, M. Tarrago Viana, S. Ricardo Neto, V. Silveira Maciel
- 2234 Causes of total hip arthroplasty revision - are they changing?
6'+2'
L. Fabião (Portugal), V. Macedo-Campos, G. Silva Correia, T. Frada, L. Silva, A. Façanha, M. Lopes

10:05 - 11:05 FP15 - Hip surgery in the young

Panorama 1

Chair: N. Santori (Italy), K. Ziebarth (Switzerland)

- 2193 Valgus osteotomy in proximal femoral deformity, long-term results
6'+2'
M. Mutlu, H. Zora, Ö. Bilgen (Turkey)
- 2015 Periacetabular Osteotomy With A Modified Fixation Technique Using K-Wires Shows Comparable Results To Classic Screw Fixation At Mid-Term Follow-Up
6'+2'
S. Hardt (Germany), C. Hipfl, R. Zahn, M. Pumberger, C. Perka, V. Leopold
- 2148 Possibilities of joint preserving surgery in patients with the developing dysplastic coxarthrosis
6'+2'
M. Teplenkiy (Russian Federation)
- 2263 Formation of type II AN of the proximal femur in children
6'+2'
A. Sakalouski (Belarus), M. Gerasimenko, Y. Likhacheuski, V. Anosov
- 2268 Femoral varus derotation osteotomy and posterior rotational osteotomy in the treatment of type II AN
6'+2'
A. Sakalouski (Belarus), M. Gerasimenko, Y. Likhacheuski, V. Anosov, A. Sitnik
- 2248 Total hip arthroplasty in teenagers; a systematic literature review
6'+2'
J. te Velde (Netherlands), G. Buijs, M. Schafroth, R. Saouti, G. Kerkhoffs, A. Kievit
- 2109 Defining the „optimum“ acetabulum - Thresholds to guide practice
6'+2'
J. Verhaegen (Belgium), Z. Devries, K. Rakhra, A. Speirs, P. Beaule, G. Grammatopoulos

10:05 - 11:05 FP16 - Revision Surgery in THA

Panorama 2+4

Chair: P. Kjaersgaard-Andersen (Denmark), B. Schreurs (Netherlands)

- 2081 Revision surgery for limb-length discrepancy after total hip arthroplasty.
6'+2'
M. Loppini (Italy), F. La Camera, G. Grappiolo
- 2153 Changes to the Innominate Bone Following Large Acetabular Reconstruction
6'+2'
A. Ramesh (United Kingdom), A. Di Laura, S. De Angelis, H. Hothi, J. Henckel, A. Hart
- 2262 Reconstruction of Paprosky 3B acetabular defects with porous tantalum shells and augments in revision total hip arthroplasty using the Footing-Technique
6'+2'
M. Fischer (Germany), L. Nonnenmacher, R. Hube, G. Wassilew
- 2119 Constrained acetabular liners - an effective alternative for instability after hip arthroplasty
6'+2'
A. Santos Moreira (Portugal), T. Barbosa, G. Correia, P. Pinho, M. Baptista, P. Varanda, A. Costa, J. Tinoco

11:10 - 12:10 SY5 - Fast track outpatient THA

Kursaal Arena

Chair: P. Kjaersgaard-Andersen (Denmark), B. Jolles-Haeberli (Switzerland)

- 10' Who are candidates for Outpatient / Same Day THA - and who is not, and why
O. Marin-Pena (Spain)
- 10' General Anaesthesia versus Spinal Anaesthesia - does it matter?
S. Vehmeijer (Netherlands)
- 10' Fast Track Outpatient THA: Results from a National concept in Denmark
C. Varnum (Denmark)
- 10' European facts: Why possible in some clinics / countries - and not in others?
K. Guenther (Germany)
- 20' Discussion

11:10 - 12:10 DI3 - Case discussion: Periprosthetic femoral fractures in THA

Scenario 1+2

Chair: L. Zagra (Italy), P. Kinov (Bulgaria)

- 60' *P. Kinov (Bulgaria), K. Stoffel (Switzerland), E. Tsiroidis (Greece), L. Zagra (Italy)*

12:30 - 13:30 LUNCH BREAK, VISIT OF EXHIBITION, INDUSTRY SYMPOSIA

13:40 - 15:10 FP17 - New technologies 2

Kursaal Arena

Chair: F. Haddad (United Kingdom), W. van der Weegen (Netherlands)

- 2255 Accuracy of cup inclination using an inertial navigation system compared to standard landmarks in DAA THA
6'+2'
V. Maes (Australia), D. Cossetto

- 2254 Accuracy of acetabular component alignment with surgical guidance systems during hip arthroplasty
6'+2'
B. Walter, J. Xu, W. Veltman, Y. Chai, V. Maes (Australia)
- 2287 An automated identification of hip arthroplasty implants from transfer learning models
6'+2'
A. Yadav (India), V. Bagaria, A. Tiwari
- 2126 AR Hip Navigation System's Flip Technique Minimizes the Effect of Surgical Position - Supine THA vs. lateral decubitus THA
6'+2'
T. Yamamoto (Japan), T. Kasai, Y. Ozaki, I. Hideaki, S. kimura, H. Niki
- 2204 Development of a supervised learning algorithm that incorporates spinopelvic mobility for predicting impingement in patients undergoing Total Hip Arthroplasty.
6'+2'
F. Mancino (United Kingdom), A. Fontalis, B. Zhao, P. Putzeys, F. Glod, R. Plastow, E. Mazomenos, F. Haddad
- 2293 Outcomes of primary total hip arthroplasty using 3D image-based custom stems in unselected patients: a systematic review
6'+2'
A. Nogier (France), I. Tourabaly, S. Ramos-Pascual, J. Muller, M. Saffarini, C. Courtin
- 2339 Finding the diameter of hip arthroplasty components with augmented reality-based navigation. A feasibility study
6'+2'
A. Van Ravestyn (Belgium), T. Frantz, J. Vandemeulebroucke, B. Jansen, J. Deurinck, T. Scheerlinck
- 2129 Evidence of Partially Molten Titanium Particles on 3D Printed Acetabular Cups
6'+2'
H. Hothi (United Kingdom), J. Henckel, A. Di Laura, A. Hart
- 2227 A novel dual-mobility hip system with an advanced bearing material: Outcomes from a prospective, multicenter trial
6'+2'
R. Schwarzkopf (United States of America), V. Rajahraman, A. Habibi, I. Ashkenazi, S. Ward, C. Fu, E. Su
- 2316 Psoas tendon relationships in patients with recurrent hip pain following periacetabular osteotomy
6'+2'
K. Sunil Kumar (United Kingdom), F. Van Damme, E. Audenaert, V. Khanduja, A. Malviya

- 2088 Preoperative accuracy of acetabular bone defect assessment based on 3D life-sized model: a case series.
6'+2'
E. Guazzoni (Italy), M. Loppini, C. Favazzi, F. La Camera, G. Grappiolo
- 2152 Statistical Shape Modelling of the Large Acetabular Defect in Hip Revision Surgery
6'+2'
S. De Angelis (United Kingdom), J. Henckel, A. Ramesh, H. Hothi, A. Di Laura, A. Hart
- 2331 Minimum 10 years outcomes of acetabular revisions with titanium cage reconstructions
6'+2'
V. Ozden (Turkey), G. Dikmen, Y. Koyluoglu, K. Karaytug, Y. Karatas, I. Tozun
- 2187 3D-printed custom-made implants for complex acetabular revision surgery: Preliminary results with a minimum 2-year follow-up
6'+2'
A. Albani Forneris (Argentina), J. Perez Abdala, P. Slullitel, G. Zanotti, F. Comba, M. Buttaro
- 2180 Custom 3D Printed Implants for Acetabular Reconstruction: Excellent Functional and Radiological Results
6'+2'
A. Di Laura (United Kingdom), J. Henckel, H. Hothi, A. Hart
- 2217 16 year retrospective results of trabecular metal augments in revision Total Hip Arthroplasty (THA) with acetabular bone defects.
6'+2'
T. Clode Araújo (Portugal), E. Silva, S. Gonçalves, P. Dantas
- 2289 Trabecular Titanium Acetabular Cups In Hip Revision Surgery: Analysis Of Mid-To Long Term Survivorship And Radiological Outcomes
6'+2'
G. Cacciola (Italy), F. De Meo, D. Marletta, A. Bruschetta, P. Cavaliere
- 2322 A 9-year follow-up study of a cementless tripod dual-mobility cup in revision total hip arthroplasty
6'+2'
A. Viste (France), A. KLEIN, M. Bordes, M. Fessy
- 2245 Early results of a new acetabular ultra-porous anti-protrusion reinforcement cage in revision arthroplasty
6'+2'
A. Fioruzzi (Italy), M. Viganò, G. Volpe, D. Di via, L. Turchetto, F. Randelli

13:40 - 15:10

FP18 - Acetabular revisions

Szenario 1+2

Chair: J. Bastian (Switzerland), P. Kinov (Bulgaria)

- 2275 Inducible displacement CT increases the diagnostic accuracy of aseptic loosening in primary total hip arthroplasty
6'+2'
P. Wretenberg (Sweden)
- 2024 Long-term outcomes of acetabular reconstruction using a combination of structural allograft and various grain allograft sizes in cases of Paprosky type 3 bone deficiency
6'+2'
T. Chompoosang (Thailand), P. Ploynumpon

13:40 - 15:10

FP19 - Hip-Spine Relationship

Panorama 1

Chair: J. Lazennec (France), M. Tannast (Switzerland)

- 2113 Roussouly Type 4 Sagittal spine alignment and increased sacral slope in patients with hip dysplasia - implications for Hip Spine relation
6'+2'
T. Lerch (Switzerland), A. Boschung, M. Hanke, F. Schmaranzer, S. Steppacher, M. Tannast, K. Siebenrock
- 2121 Differences in dynamic spinopelvic characteristics between patients with femoro-acetabular impingement and controls
6'+2'
J. Verhaegen (Belgium), N. Alves Batista, I. Horton, K. Rakhra, P. Beaulé, G. Grammatopoulos
- 2332 Spinopelvic motion evaluation and patient specific target for acetabular cup placement.
6'+2'
A. Koutalos (Greece), N. Gkekas, V. Akrivos, N. Stefanou, T. Karachalios

- 2114 6'+2' The knee-hip-spine trilemma in patients with severe congenital dysplasia of the hip undergoing total hip arthroplasty. 77 hips followed-up for a minimum of five years.
E. Garcia-Rey (Spain), L. Saldaña
- 2200 6'+2' Kinematics changes in the lumbopelvic hip complex in symptomatic FAI patients and two groups of asymptomatic controls. A comparison in Dynamic tasks
D. Al Otti (Belgium), S. Ghijssels, F. Sates, L. Scheys
- 2145 6'+2' Version control capability with a tapered-wedge cementless stem in total hip arthroplasty: assessment with pre- and post-operative CT
N. Harada (Japan), T. Otani, T. Hayama, Y. Kawaguchi, E. Amemiya, T. Takeuchi, H. Fujii, M. Saito
- 2111 6'+2' What patient parameters influence lumbar stiffness in patients with hip pathology?
J. Verhaegen (Belgium), N. Alves Batista, R. Foster, R. Graham, P. Phan, G. Grammatopoulos
- 2246 6'+2' Dislocation after elective THA.
P. Cnudde (Sweden), J. Nåtman, O. Rolfson, N. Hailer
- 2165 6'+2' Risk factors predicting complexity in primary total hip arthroplasty
E. Ramalho Silva (Portugal), T. Araújo, P. Rocha, S. Gonçalves, P. Dantas
- 2296 6'+2' Prevalence and Reliability of routine screening parameters for Sagittal Spinal Deformity and Spinal Stiffness prior to Total Hip Arthroplasty.
V. Maes (Australia), H. Bian, B. Walter
- 2257 6'+2' Evaluating Alternative Registration Planes for Imageless, Computer-Assisted Navigation During Supine Total Hip Arthroplasty
B. Walter, J. Farey, Y. Chai, V. Maes (Australia), J. Xu

- 2038 6'+2' Comparison of the outcomes of Cementless Bipolar Hemiarthroplasty and Cementless Total Hip Arthroplasty for Displaced Femoral Neck Fractures in the Elderly
W. Wanitcharoenporn (Thailand)
- 2013 6'+2' Patients report no improvement in total hip arthroplasty outcomes. An analysis of 4 years patient reported outcomes in the Netherlands.
Y. Pronk (Netherlands), W. van der Weegen, P. Pilot, W. Schreurs
- 2092 6'+2' The musculoskeletal health of hip surgeons: a national study
K. Malik-Tabassum (United Kingdom), M. Ahmed, H. Wynn Jones, K. Gill, T. Board, A. Gambhir
- 2203 6'+2' Using the capability, opportunity, and motivation model of behavior (com-b) to implement a pathway to reduce 30-day elective emergency admissions.
J. Wehbe (United Kingdom), A. Womersley, C. Spence, S. Jones, I. Afzal, D. Kader, D. Sochart, V. Asopa
- 2026 6'+2' Long-term follow-up of 119 primary cemented total hip arthroplasties in 96 patients younger than 25 years old
E. Özdemir (Netherlands), W. Schreurs, W. Rijnen
- 2156 6'+2' Long term outcomes of the triple tapered C-stem AMT cemented femoral stem
K. Malik-Tabassum (United Kingdom), A. Yadav, D. Attarde, G. Balaji, P. Siney, M. Porter, T. Board, A. Gambhir

15:15 - 16:15 **DI4 - Round Table: New Technologies in THA - status quo and the future**

Kursaal Arena	Chair: K. Siebenrock (Switzerland)
8'	MoM resurfacing – still the best option in selected cases <i>W. van der Weegen (Netherlands)</i>
8'	Mako – the way to go <i>F. Haddad (United Kingdom)</i>
8'	Ceramic on ceramic resurfacing <i>J. Cobb (United Kingdom)</i>
8'	Classic technique for THA – still the best <i>S. Overgaard (Denmark)</i>
28'	Discussion

15:15 - 16:15 **SY6 - Acetabular revision in THA**

Szenario 1+2	Chair: E. Garcia-Rey (Spain), J. Argenson (France)
10'	The role of bone impaction grafting in acetabular revision surgery <i>B. Schreurs (Netherlands)</i>
10'	Trabecular metal and augments in acetabular revision surgery <i>A. Manktelow (United Kingdom)</i>

13:40 - 15:10 **FP20 - Outcome / Proms in Hip surgery 2**

Panorama 2+4	Chair: J. Kärrholm (Sweden), M. Wettstein (Switzerland)
2216 6'+2'	Optimys short stem in primary total hip arthroplasty: a 5-year analysis of 268 cases <i>V. Teufel (Switzerland), R. Hess, S. Thomann, J. Spycher, M. Beck</i>
2231 6'+2'	Spinal anaesthesia with hyperbaric prilocaine is safe, reliable and reduces hospital length of stay in total hip arthroplasty <i>S. Jordan (United Kingdom), A. Elgabry, R. Ramasundaram, R. Kucheria</i>
2238 6'+2'	In vivo wear resistance of Durasul highly cross-linked polyethylene acetabular liner: a retrospective study with minimum 15-year follow-up. <i>G. Volpe (Italy), M. Giribono, A. Fioruzzi, M. Mazzoleni, M. Viganò, F. Randelli</i>
2321 6'+2'	Superior Transverse Atraumatic Reconstruction (STAR) approach provides better compared outcome to standard Direct Superior Approach (DSA): a matched, prospective comparative single-surgeon study <i>E. Kenanidis (Greece), N. Milonakis, E. Tsiridis</i>

- 10' Cages, rings and stemmed cups in acetabular revision surgery
F. Randelli (Italy)
- 10' The options in pelvic discontinuity and massive bone defects
A. Hart (United Kingdom)
- 20' Discussion

16:15 - 16:45 COFFEE BREAK, VISIT OF EXHIBITION

16:45 - 17:45 SY7 - Periprosthetic joint infection: Femoral fixation for treatment of an infected total hip replacement

- Kursaal Arena** Chair: A. Tokgözoğlu (Turkey), J. Cordero-Ampuero (Spain)
- 12' Impaction grafting for the second stage: Is it viable?
J. Cordero-Ampuero (Spain)
 - 12' Should we use antibiotic impregnated cement in the second stage: Is it better?
D. Kendoff (Germany)
 - 12' Cementless stem is the way to go in the second stage
P. Sanz Ruiz (Spain)
 - 24' Discussion

16:45 - 17:45 SY8 - The role of Hip/Spine relationship

- Szenario 1+2** Chair: J. Lazennec (France), C. Rivière (France)
- 10' How to detect and analyze in a practical way a hip spine syndrome
J. Lazennec (France)
 - 10' Why should we consider both the functional orientations of the acetabulum and the femur
A. Eslam Pour (United States of America)
 - 10' Practical overview of managing options
G. Grammatopoulos (Canada)
 - 10' What is my strategy for managing a hip-spine syndrome?
C. Rivière (France)
 - 20' Discussion

17:45 - 18:00 OT3 - Closing remarks and Handover presidential medal

Kursaal Arena

The Poster exhibition is located in the Foyer. It is open during the congress opening hours. The following poster categories will be available.

- | | |
|-------------------------------------|--|
| AP Award Posters | P08 New technologies |
| P01 Acetabular revisions | P09 Outcomes/proms in Hip surgery |
| P02 False easy primary hips | P10 Periprosthetic fractures |
| P03 Femoral revisions | P11 Postop complications |
| P04 Hip arthroscopy | P12 Proximal femoral fractures |
| P05 Hip Instability | P13 Short stems |
| P06 Infection around the hip | P14 Trauma of pelvis and/or hip joint |
| P07 Joint preservation | P15 Miscellaneous |

The 11 best-ranked posters will also be presented during the lunch break from 12:30 - 13:30 h in the poster area.

12:30 - 13:30 AP - Award Posters

Foyer

- 2052
3'+1' Cementation of a Dual Mobility Cup in a well fixed metal acetabular component. The „cup-in-cup“ or the double socket technique.
F. Peirano (Argentina), C. Canale, G. Varas, F. Martinez Maluge
- 2095
3'+1' Minimum 5-Year Results of a novel periacetabular osteotomy -The Spherical Periacetabular Osteotomy with cutting into tear drop area
E. Takahashi (Japan), A. Kaneuji, T. Ichiseki, M. Fukui, D. Soma, H. Kitajima, N. Kawahara
- 2244
3'+1' Fifty percent of patients undergoing periacetabular osteotomy for hip dysplasia showed normal findings upon neonatal ultrasound screening
M. Haertlé (Germany), N. Becker, A. Derksen, H. Windhagen, S. Ahmad
- 2127
3'+1' Blood Titanium Levels after 3D Printed Hip Implantation
H. Hothi (United Kingdom), J. Henckel, A. Di Laura, A. Hart
- 2288
3'+1' Intraoperative Neuromonitoring to prevent nerve injury during Total Hip Arthroplasty in patients with severe hip deformities
T. de Mees (Netherlands), E. Bukkems, V. Busch, Wijntjes J., P. Heesterbeek, R. Grutters, L. van Loon, M. Nijhof
- 2106
3'+1' Selective THA-approach use amongst junior surgeons improves safety of introducing the anterior approach - A Prospective, multi-surgeon, comparative, study
J. Verhaegen (Belgium), R. Ojaghi, P. Kim, J. Bingham, G. Grammatopoulos

- 2260 Validation of the HOOS-12 shortform in a German Cohort
3'+1'
L. Eckhard (Germany), F. Wunderlich, T. Klonschinski, P. Drees, U. Betz, M. Büttner
- 2169 Lower Extremity Arterial Calcification Predicts Referral to Intensive Care Unit
3'+1'
After Primary Total Hip Arthroplasty
E. Martinez (Argentina), C. Lucero, I. Huespe, A. Garcia-Mansilla, G. Zanotti, F. Comba, M. Buttaró, P. Slullitel
- 2084 A five-year follow-up of a generic polished tapered stem with high implant
3'+1'
fractures
L. Follet (Belgium), J. De Geyter, A. Braem, S. Ghijssels, G. Vles
- 2185 The quality of reporting in randomized controlled trials of strengthening exercises in total hip arthroplasty
3'+1'
V. Karatosun (Turkey), D. Ozcan, S. Tarkan, B. Unver
- 2045 Dysplastic hips may safely be resurfaced without a contoured femoral component
3'+1'
T. Ueno, J. Cobb, R. Nasser (United Kingdom)

P01 - Acetabular revisions

- 2188 Revision hip arthroplasty with 3d-printed custom porous titanium cup: from histological and morphometric study to clinical outcome
V. Makarov (Ukraine), N. Dedukh, O. Nikolchenko
- 2014 Management of acetabular defects in revision THA
P. Ivanov (Bulgaria), N. Hariskov, V. Stefanov, N. Tzachev
- 2069 Radiographic evaluation of 41 paprosky 3a and 3b patients undergoing acetabular revision with trabecular metal augments
B. Tavares Rabello (Brazil), L. da Silva Sena, M. Tarrago Viana, L. Carlos Zacaron Junior, S. Ricardo Neto, V. Silveira Maciel
- 2243 Early results of a new cementless acetabular ultra-porous titanium shell with a modular polyaxial iliac screw in revision arthroplasty
G. Volpe (Italy), S. Terrando, A. Fioruzzi, D. Di via, G. Pignatti, F. Randelli
- 2230 Cementation of dual-mobility cups into stable shells in revision total hip arthroplasty
I. Uriarte (Spain), J. Moreta, A. Larrazabal, J. M. Legarreta
- 2027 The Role of 3D Printing in Massive bone loss in Acetabular Revision. Two Cases Report
F. Peirano (Argentina), C. Canale, G. Varas, F. Martinez Maluge
- 2161 Clinical and radiological outcomes in our 6 years experience using custom-made implants in severe acetabular defects
A. D'Amelio (Italy), P. Bedino, A. Aprato, A. Massè
- 2147 Can control leg-length discrepancy in revision hip arthroplasty with dual mobility bearing? A Retrospective case series
T. Chompoosang (Thailand), P. Ploynumpon

P02 - False easy primary hips

- 2012 The intertrochanteric line is a feasible, accurate, and reliable reference for femoral neck osteotomy in direct anterior THA
S. Limmahakhun (Thailand), S. Runraksar, N. Kitcharanant, W. Jingjit
- 2173 Preoperative surgical planning in total hip arthroplasty: pitfalls and pearl for femoral offset measurements
P. Franco (Italy), M. Innocenti, G. Valentini, R. Civinini, M. Marcucci

P03 - Femoral revisions

- 2164 Failure of the acetabular polyethylene liner and fracture of a short stem in a patient with proximal femoral deformity
X. Uriarte-Larrabeiti (Spain), J. Moreta, I. Uriarte, O. Saez-de-Ugarte-Sobrón, K. Iza
- 2040 Femoral revision with primary cementless stems
F. Peirano (Argentina), C. Canale, G. Varas, F. Martinez Maluge
- 2232 Tapered Modular Fluted Stem in Hip Revision Surgery: Mid-term Outcomes of a Single Stem and Technical Notes
M. Viganò (Italy), G. Barion, A. Fioruzzi, M. Mazzoleni, G. Volpe, D. Di via, F. Randelli
- 2235 Anterior Transfemoral approach for stem extraction in revision total hip surgery: surgical technique and mid-term follow up
M. Viganò (Italy), A. Fioruzzi, M. Mazzoleni, G. Volpe, D. Di via, F. Randelli
- 2043 To use of Cortical Strut Allograft Support Femoral in Revision Total Hip Arthroplasty
F. Peirano (Argentina), C. Canale, G. Varas, F. Martinez Maluge
- 2269 Cemented femoral stem fracture: a rare complication of hip arthroplasty
T. Pereira (Portugal), R. Branco, E. Moreira, N. Malheiro, D. Gonçalves, C. Rodrigues, P. Sá, R. Freitas

P04 - Hip arthroscopy

- 2325 High hip offset as a risk factor for femoroacetabular impingement? An MRI analysis of symptomatic FAI patients
J. Lixa (Portugal), P. Vieira, J. Lopes, M. Silva, A. Pinho, L. Vieira
- 2174 Long term results of hip arthroscopy at over ten years of minimum follow-up
M. Mazzoleni (Italy), A. Bezza, A. Fioruzzi, M. Viganò, G. Volpe, M. Elhiny, F. Randelli
- 2201 Complications associated to pivot-less vs standard technique in hip arthroscopy
J. Ferrer-Rivero (Spain), M. Tey-Pons, X. Lizano-Díez, J. Cabello-Gallardo, R. Ferrer-Rivero, E. Uzun
- 2063 Cortical hypertrophy of cemented triple taper stems at a minimum follow-up of 10 years
T. Toyoda (Japan), K. Oe, Y. Otsuki, F. Kobayashi, S. Sogawa, T. Nakamura, H. Iida, T. Saito

- 2017 Pericapsular Nerve Group Block reduces post-operative pain in hip arthroscopy for femoroacetabular impingement surgery: A prospective randomized controlled clinical trial
A. Zimmerer (Germany), B. Eppel, C. Sobau, J. Wawer Matos

P05 - Hip Instability

- 2170 Is the ligamentum teres providing stability to the hip joint? A study on the tensile properties in young patients undergoing hip preserving surgery
V. M. Stetzelberger (Switzerland), H. Nishimura, J. Hollenbeck, A. Garcia, M. Philippon, J. Brown, M. Tannast
- 2280 The MAASH technique prevents primary total hip replacement dislocations and excessive leg length discrepancy. A ten-year analysis of 407 cases of primary THR.
E. Navarro-Cano (Spain), A. Broch, F. Reina, A. Carrera, A. Salvador
- 2330 Total Hip Arthroplasty Using Dual- mobility Acetabular Cup
N. Cherkezov (Bulgaria), A. Iliev, S. Milev, S. Assyov
- 2198 Mid-Term Outcomes of the Freedom Constrained Liner as a Preventive Measure for Recurrent Hip Dislocation
A. Alías (Spain), E. Muñoz-Mahamud, L. Ramírez, A. Bravo, Y. Postnikov, S. Giles, C. Chimeno, J. Fernández-Valencia

P06 - Infection around the hip

- 2061 Can serum C-reactive protein determine the timing of reimplantation in two-stage revised arthroplasty for periprosthetic hip infection?
K. Oe (Japan), H. Iida, Y. Otsuki, T. Toyoda, F. Kobayashi, S. Sogawa, T. Nakamura, T. Saito
- 2273 Sensitivity, specificity, accuracy of culture and chemical-physical examination of synovial fluid in the diagnosis of periprosthetic hip and knee infections
F. Giardina (Italy), N. Puteo, B. Bordini, M. Montalti, F. Castagnini, F. Traina
- 2214 Is Fibrinogen a Reliable Biomarker in the Diagnosis of Peri-Prosthetic Joint Infection? A Systematic Review and Meta-Analysis
M. Saracco (Italy), V. Ciriello, M. Pierluigi, F. D'andrea, D. Staniscia, A. Fidanza, G. Logroscino
- 2150 Successful implant retention in a chronified haematogenous bilateral periprosthetic hip joint infection with Enterococcus faecalis - a case report
H. Wellauer (Switzerland), P. Wahl
- 2021 Fungal septic arthritis of the hip joint. A case report
F. Peirano (Argentina)
- 2135 Long-term functional results and survivorship after 1 or 2-stage reimplantation because of infection
J. Cordero-Ampuero (Spain), R. Barbero, P. Peñalver, E. González-Fernández, J. Poyo

- 2005 Two stage revision surgery in chronic periprosthetic joint infection in the hip
P. Ivanov (Bulgaria), D. Zortev, V. Stefanov, N. Tzachev
- 2007 Management of periprosthetic Infection in the hip joint
D. Zortev (Bulgaria), P. Ivanov, N. Hariskov, V. Stefanov, N. Tzachev

P07 - Joint preservation

- 2143 Comparison of postoperative 5-week bone union between Rotational Acetabular Osteotomy (RAO) and Spherical Periacetabular Osteotomy (SPO). - Does a different approach allow for a different bone union in the early phase after acetabular osteotomy?
H. Kitajima (Japan), A. Kaneuji, E. Takahashi, I. Toru, S. Daisuke, M. Fukui, N. Kawahara
- 2118 Comparison of wear and migration between an isoelastic monoblock cup and a modular metal-back cup using EBRA: Mid-term results of a matched-pair analysis
Y. Afghanyar (Germany), J. Möller, F. Wunderlich, E. Gercek, P. Drees, K. Kutzner
- 2020 Place of conservative surgery in the bone necrosis of sickle cell origin
K. Allache (Algeria), M. Benzemrane
- 2341 Effects of Iloprost Infusion following Core Decompression or Isolated Core Decompression for ARCO I and II Stage Patients.
V. Ozden (Turkey), K. Karayug, G. Dikmen, R. Tozun
- 2318 A learning curve analysis for periacetabular osteotomy
M. Haertlé (Germany), N. Becker, H. Windhagen, S. Ahmad
- 2149 Arthroscopic labral repair combined with less invasive open-shelf acetabuloplasty for patients with developmental dysplasia of the hip
Y. Okanoue (Japan), J. Dan, M. Ikeuchi
- 2054 Basic concept of Three zone planning - Pelvic osteotomy for adult DDH
T. Morishima (Japan), K. Hashimoto, N. Takahashi
- 2083 What is the value of a hip specific MRI in the management of patients with symptomatic hip dysplasia undergoing combined hip arthroscopy and peri-acetabular osteotomy? A multi-center trial.
J. Verhaegen (Belgium), K. Milligan, I. Zaltz, E. Belzile, J. Clohisy, G. Wilkin, S. Poitras, P. Beaulé
- 2060 Hip ultrasound guided injection with high density ialuronic acid: one year follow up
A. Battaglia (Italy), F. La Bionda, R. D'Apollito, J. Ramazzotti, L. Zagra
- 2335 Optimierung der Kopfüberdachung durch 3fach Beckenosteotomie bei DDH und Retroversion
J. Richter (Germany), S. Weiss, K. Kalchschmidt
- 2094 Long-term outcome 35 years after rotational acetabular osteotomy
M. Fukui (Japan), A. Kaneuji, E. Takahashi, T. Ichiseki, D. Soma, N. Kawahara

P08 - New technologies

- 2276 Lateral vs posterior-lateral approach in Robotic Arm-Assisted total hip arthroplasty
F. Catani (Italy), A. Marcovigi, E. Bertugli
- 2199 Length of Stay and Discharge Dispositions Following Robotic-arm Assisted Total Hip Arthroplasty Versus Conventional Technique and Predictors of Delayed Discharge
F. Mancino (United Kingdom), A. Fontalis, W. Wignadasan, C. The, R. Plastow, F. Haddad
- 2209 Comparison of limp length discrepancy after total hip replacement with conventional and robotic arm-assisted method
M. Mutlu, A. Aksakal, H. Zora, Ö. Bilgen (Turkey)
- 2218 Functional cup positioning in total hip arthroplasty using robotic-arm-assistance
F. Mancino (United Kingdom), R. Raj, A. Fontalis, F. Glod, P. Putzeys, F. Haddad
- 2182 Understanding the Impact of Fixation Technique on the Achieved Stem Version in Primary Total Hip Arthroplasty (THA)
A. Di Laura (United Kingdom), J. Henckel, H. Hothi, A. Hart
- 2068 Clinico radiological results on 3D printed trabecular titanium cups in primary surgery
D. Godoy-Monzon (Spain), J. Pascual Espinosa, A. Garcia-Mansilla
- 2078 Simultaneous bilateral Total hip arthroplasty via novel Anterolateral 60 approach
A. Maeda (Japan)
- 2228 Two-Year Outcomes of a Novel Dual Mobility Construct in Total Hip Arthroplasty
R. Schwarzkopf (United States of America), S. Ward, A. Habibi, I. Ashkenazi, J. Rozell, M. Meftah, W. Macaulay
- 2259 Percutaneous technique improves results of the lateral approach.
P. Mertens (Belgium)
- 2189 Better functional outcomes with superpath approach as compared to conventional approaches after bilateral hip arthroplasty
A. Kulkarni (United Kingdom), P. Murali
- 2077 Measurement of contact forces during hip arthroscopy - A novel device
P. Dantas (Portugal), M. Tavares da Silva, S. B Gonçalves, S. Gonçalves, V. Mascarenhas, J. Martins, J. Guimarães Consciência

P09 - Outcomes/proms in Hip surgery

- 2057 Measurement properties of performance-based measures to assess physical function in total hip arthroplasty
V. Karatosun (Turkey), D. Ozcan, B. Unver

- 2139 Restoring Global Offset And Lower Limb Length In Total Hip Arthroplasty With A 3 Offset Option Double-Tapered Stem. A Monocentric Five-Years Follow-Up Experience
A. Camera (Italy), S. Biggi, A. Capuzzo, R. Tedino, G. Cattaneo, S. Tornago
- 2123 Deviation of Pain Trajectories in Total Hip Replacements: An Analysis of Patient Reported Outcomes
K. Omran (United Kingdom), D. Waren, R. Schwarzkopf
- 2323 Rates of complication and readmission within 90 days of 1299 THAs with ERAS procedures
A. Viste (France), M. Alajji, J. Erard, B. Ferreboeuf, P. Chaudier, M. Fessy
- 2104 Outcomes of Revision Total Hip Arthroplasty in Nonagenarians: A Comparative Analysis of Complications and Survival Rates.
C. Lucero (Argentina), A. Albani-Forneris, J. Colom, P. Slullitel, G. Zanotti, F. Comba, M. Buttaro
- 2065 The direct superior approach in total hip arthroplasty: a systematic review
B. van Dooren (Netherlands), R. Peters, P. Jutte, M. Stevens, W. Zijlstra
- 2134 Ceramic vs me-xlpe in furlong-hap active: complications and long-term results
J. Cordero-Ampuero (Spain), P. Velasco, E. González-Fernández, J. Payo, P. Peñalver
- 2196 Is Total Hip Arthroplasty Fixation Associated With Osteoblasts Activity In Patients With Osteonecrosis Of The Femoral Head? A Prospective Case-Control Study
F. Pérez Barragáns (Spain), J. Sánchez Mateos, E. García-Rey
- 2137 Psychological and clinical issues in octogenarians and nonagenarians patients addressing elective total hip arthroplasty.
A. Camera (Italy), S. Biggi, A. Capuzzo, R. Tedino, G. Cattaneo, G. Bolognesi, S. Tornago
- 2278 Comparison of bilateral total hip replacement in single stage and two stage results: evaluation in single institution
S. Behera (India)
- 2157 RM Pressfit Vitamys: The 10-Year Follow-up
Z. Zwahlen (Switzerland), M. Beck, R. Baumgärtner, B. Link, P. Haefeli
- 2242 Modular dual mobility cup in primary hip arthroplasty: Mid-term Outcomes at a minimum 5-year follow-up
A. Fioruzzi (Italy), G. Volpe, M. Mazzoleni, M. Viganò, D. Di via, F. Randelli

P10 - Periprosthetic fractures

- 2006 Periprosthetic fractures around the hip joint
P. Ivanov (Bulgaria), R. Milev, N. Hariskov, B. Zlatev, V. Stefanov, N. Tzachev
- 2343 Management of simultaneously bilateral Total Hip Arthroplasty periprosthetic fractures.
A. Konstas (Greece), N. Stavropoulos
- 2290 Periprosthetic Fractures of the hip, a dangerous complication increasing mortality in Hip Arthroplasty patients
J. Lixa (Portugal), P. Vieira, J. Lopes, M. Silva, P. Pereira, L. Vieira, A. Pinho

P11 - Postop complications

- 2000 Varus stem positioning in THA in patient with low Critical trochanteric angle.
P. Ivanov (Bulgaria), V. Stefanov, N. Tzachev
- 2099 Which one is the lesser evil? - Periprosthetic Fracture following Anterior Approach or Dislocation after Posterior Approach?
J. Verhaegen (Belgium), T. Schmidt-Braekling, I. Horton, R. Wei, P. Beaulé, G. Grammatopoulos
- 2101 Post Operative Drop in Haemoglobin Is Associated With Increased Morbidity And Mortality In Fracture Neck Of Femurs
A. Rajeev (United Kingdom), G. Koshy, J. Anto
- 2100 The role of endoscopy in the assessment of occult GI bleed causing refractory anaemia in fracture neck of femurs
A. Rajeev (United Kingdom), G. Koshy, A. Reddy
- 2035 No Difference in Major Adverse Events and Readmission Rates Following Simultaneous vs Staged Bilateral THA: A Matched-Cohort Analysis
P. Slullitel (Argentina), V. Barbaglia, M. Buljubasich, A. Martinez-Lotti, F. Comba, F. Diaz-Dilernia, G. Zanotti, M. Buttaro
- 2108 Pseudotumour after a hybrid ceramic on ceramic total hip arthroplasty: a case report
B. Limone (Italy), R. Gai Via, S. Artiaco, A. Massè
- 2087 Perioperative Complications after Hip and Knee Revision Arthroplasty in the over 80 Years Old Population: A Retrospective Observational Case-Control Study
V. Di Matteo (Italy), M. Di Pilla, F. La Camera, E. Morengi, G. Grappiolo, M. Loppini
- 2004 Frequency And Timing Of Postoperative Complications After Outpatient Total Hip Arthroplasty
P. Bovonratwet (United States of America), A. Chen, D. Lebrun, R. Davie, T. Shen, M. Ast, E. Su

P12 - Proximal femoral fractures

- 2039 Total hip arthroplasty following failed intertrochanteric hip fracture fixation treated with a cephalomedullary nail
F. Peirano (Argentina), C. Canale, G. Varas, F. Martinez Maluge
- 2175 Total hip arthroplasty after failed fixation of a proximal femur fracture: single incision surgical technique and preliminary results
M. Viganò (Italy), A. Fioruzzi, M. Mazzoleni, G. Volpe, F. Randelli
- 2028 Pelvic perforation and Atypical Intrapelvic migration of a cephalic hip screw (Cut-through?) In failed intertrochanteric hip fracture fixation. Two cases report.
F. Peirano (Argentina), M. Zublin, M. Beatti, T. Pellicchia, F. Martinez Maluge
- 2286 Platelet Aggregation Inhibitors and Anticoagulants Delay Surgery for Hip Fractures
B. Deleanu (Romania), V. Predescu, H. Haragus, O. Suci, L. Ghiga, E. Tsiridis

P13 - Short stems

- 2202 Mid-term outcomes of a multicentric study on the use of a short hip stem.
D. Raya Roldan (Spain), D. Donaire Hoyas, J. Moreta Suárez, F. Marqués López, J. Albareda Albareda, Albert A. Ullibarri
- 2116 Short-stem total hip arthroplasty following failed internal fixation in proximal femur fractures
Y. Afghanyar (Germany), M. Coutandin, M. Schneider, E. Gercek, P. Drees, K. Kutzner
- 2008 Short stems in THA
P. Ivanov (Bulgaria), N. Hariskov, V. Stefanov, N. Tzachev
- 2208 Medium term result of a metaphyseal fitting short stem
R. D'Apollito (Italy), A. Battaglia, L. Zagra


P14 - Trauma of pelvis and/or hip joint

- 2074 Femoral fracture in lower limb amputee patients: Series of 12 cases and review of the literature
G. Mariscal (Spain), J. Huguet, A. Balfagón, M. Barrés
- 2300 Outcomes and complications in unstable intertrochanteric hip fractures in the elderly treated with primary hip replacement using a titanium modular conical stem
F. De Meo (Italy), G. Cacciola, D. Ardiri, A. Bruschetta, P. Cavaliere
- 2241 Subtrochanteric fractures: when osteosynthesis goes wrong, what to do next?
L. Fabião (Portugal), V. Macedo-Campos, G. Silva Correia, T. Frada, L. Silva, A. Façanha, M. Lopes
- 2098 The defining factors in the development and outcomes of post-operative delirium in proximal femur fractures
A. Rajeev (United Kingdom), G. Koshy, K. Devalia
- 2205 Total Hip Arthroplasty Or Hemiarthroplasty For Hip Fracture In Patients Over 75 Years Of Age
G. Correia (Portugal), P. Cunha, T. Barbosa, J. Azevedo, A. Moreira, J. Pereira, P. Varanda, E. Bandeira Rodrigues

P15 - Miscellaneous

- 2261 Dissatisfied patient after conservative surgery by core decompression
K. Allache (Algeria), M. Benzemrane
- 2176 Anterior hip pain after total hip arthroplasty: diagnostic algorithm, etiology, prevention and treatment strategies
A. Fioruzzi (Italy), M. Mazzoleni, M. Viganò, G. Volpe, F. Randelli

- 2011 THA in patients with ankylosing spondylitis
R. Milev (Bulgaria), P. Ivanov, N. Hariskov, V. Stefanov, N. Tzachev
- 2053 Serum presepsin failed to detect periprosthetic joint infection after hip arthroplasty
K. Hashimoto (Japan), T. Morishima, K. Watanabe, T. Ikemoto, N. Takahashi
- 2167 Femoral head autograft for acetabular reconstruction in developmental dysplasia of the hip: Study at cup CE angle 0 degrees
S. Abe (Japan), M. Inoue, T. Mikami, H. Honke, M. Suzuki, T. Kannno, T. Masuda
- 2221 Non-traumatic ceramic head fracture in ceramic-polyethylene total hip arthroplasty: a case report
T. Sasaki (Japan), T. Kodama
- 2128 Pelvic resection and complex tumor hip arthroplasty: our center's experience
J. Lixa (Portugal), P. Vieira, J. Lopes, F. Costa, A. Frolova, A. Pinho, V. Veludo, F. Duarte
- 2062 Fixate before it is too late
G. Correia (Portugal), L. Fabião, V. Macedo-Campos, M. Lopes, L. Silva
- 2072 Efficacy and safety of duloxetine in hip osteoarthritis: Systematic review and meta-analysis
G. Mariscal (Spain), J. Gómez-Álvarez, M. San-Julián, J. Lamo-Espinosa



**INDUSTRY
SYMPOSIA &
SPONSORING**

12:30 - 13:30

Kursaal Arena

Chair: S. Vehmeijer, O. Pearce, D. Kendoff, M. Raaijmakers

Optimizing THA Care Through Thoughtful Innovations

12:30 Welcome and introduction
S. Vehmeijer

12:32 How to engage the patient with mymobility®
O. Pearce

12:42 My path to outpatient THA Surgery and future perspectives
S. Vehmeijer

13:52 ASI THA with a personalized robotic system: ROSA® Hip including ONE Planner® Hip
D. Kendoff

13:02 Enhancing flexibility and efficiency in the operating theatre with comprehensive implant systems
M. Raaijmakers

13:12 Post-operative rehabilitation and the move toward outpatient Surgery
S. Vehmeijer

sponsored by **ZIMMER BIOMET**
Moving You Forward.™

12:30 - 13:30

Panorama 1

Chair: L. Zagra

BioBall System: Hip Revisions Redefined! How does its Flexibility and Modularity Transform Orthopaedics
S. Hardt, J. Goronzy

sponsored by **merete**®

12:30 - 13:30

Panorama 2-4

Functional HipPositioning: Hitting the target with Mako SmartRobotics™
F. Haddad, M. Thaler

sponsored by

12:30 - 13:30

Scenario 1+2

Chair: R. Schwarzkopf, E. Davis, S. Konan

Optimizing Acetabular revision: Hemispherical cups, wedges and augments
S. Konan

The role of the next generation dual mobility in primary to revision hip arthroplasty: A case based discussions
R. Schwarzkopf

Tribology challenges: understanding fretting and corrosion
E. Davis

sponsored by

12:30 - 13:30

Kursaal Arena

Chair: S. Overgaard (Denmark)

Changing clinical practice in hip stem fixation - concepts & surgical techniques
M. Thaler (Germany), K. Govaers (Belgium)

sponsored by

Heraeus
Medical

12:30 - 13:30

Panorama 1

Chair: R. Schwarzkopf, E. Davis, C. White

Understanding spino-pelvic mobility and why does it matter?
R. Schwarzkopf

Addressing current THA challenges with enabling technologies:
where do we stand
E. Davis

Hip Navigation and modern planning in my daily practice: surgical insights
C. White

sponsored by

Smith+Nephew

12:30 - 13:30

Panorama 2-4

Complex Total Hip Arthroplasty –
What would you do?
Interactive case discussions
M. Acharya, P. Proier, M. Ribas Fernandez

sponsored by

stryker

Partners

Gold



Silver



Bronze



Exhibitors

Arthrex GmbH

ARTIQO GmbH

CeramTec GmbH

DePuy Synthes

Heraeus Medical GmbH

Innomed-Europe LLC

Innovative Orthopedic Technologies IOT AG

Limacorporate S.p.A.

Mathys GmbH

Medacta International SA

mediCAD Hectec GmbH

Medid AG

Merete GmbH

MicroPort Orthopedics BV

Naviswiss AG

Paul Hartmann AG

Smith + Nephew Orthopaedics AG

Stryker GmbH & Co.KG

Symbios Orthopédie SA

UAB Ortho Baltic

Waldemar Link GmbH & Co. KG

Zimmer Biomet

