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IN COLLABORATION WITH:



2ND WORLD ARTHROPLASTY CONGRESS

19 - 21 APRIL 2018 | ROME, ITALY



**PRELIMINARY
PROGRAM**

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THURSDAY, 19 APRIL 2018

07.00 - 18.00	Registration			
08.00 - 08.15	Welcome			
ROOM I		ROOM II		
KNEE SESSION 1 Alternatives to TKA		HIP SESSION 1 Taper Corrosion		Moderators Robert Barrack Fares Haddad
Moderators Norman Scott Jean-Noël Argenson				
08.15 - 08.21	Mobile Bearing Medial UKA: The Oxford Experience	Chris Dodd	08.15 - 08.25	Taper Corrosion: A Personal Experience William Maloney
08.22 - 08.28	Fixed Bearing Medial UKA: Reliable & Reproducible	Jean-Noël Argenson	08.26 - 08.32	Head Size Selection in THA Mazhar Tokgozoglul
08.29 - 08.35	An Age-Stratified, Propensity Matched Comparison of TKA and Medial Uka	David Murray	08.33 - 08.39	Trunnion Design and Femoral Head Material affect Fretting Currents in a Simulated Corrosion Model of Hip Replacement Amanda Wach
08.36 - 08.42	Patients with Anteromedial Oa achieve the Greatest Improvement in Proms with TKA	Anders Troelsen	08.40 - 08.46	"Serum Cobalt Levels after Metal-on-Metal and Ceramic-on-Polyethylene Total Hip Arthroplasty Richard Lass
08.43 - 08.49	In Patients under 55, do Uka or TKA gives better Satisfaction and Functional Outcomes ?	Lo Ngai Nung	08.47 - 08.53	Trunnion Failure and ALTR of the Recalled LFIT Cobalt Chromium Femoral Head Kenneth Urrish
08.50 - 08.56	Replace Everything: Why bother with Less?	Steve MacDonald	08.54 - 09.07	Discussion
08.56 - 09.07	Discussion			
Evolving Topics		Bearing Surfaces		Moderators Daniel Berry Francesco Falez
Moderators Jasmeet Singh Saren Chris Dodd				
09.08 - 09.14	Medial UKA & ACL Reconstruction: Indications & Surgical Pearls	Paolo Adravanti	09.08 - 09.14	Bearing Options in THA Luigi Zagra
09.15 - 09.21	Robotic UKA: The Future is now	Seth Jerabek	09.15 - 09.21	The Evolutions in Polyethylene Liners: Place for Ceramic or Co-Cr femoral Heads Anders Troelsen
09.22 - 09.28	A Good Surgeon can be equal or more Accurate than a Robot for UKA	Michael Meneghini	09.22 - 09.28	A Prospective Randomized Trial comparing Alumina Ceramic-on-Ceramic with Ceramic on Conventional Polyethylene: 15 Year Follow-Up James Waddell
09.29 - 09.35	Bicompartmental Replacement with Two Prostheses	Sergio Romagnoli	09.29 - 09.35	Adverse Condition Wear Testing of 32 Mm Modular Diffusion Hardened Oxidized Zr-2.5Nb Couples Chenxi Li
09.36 - 09.42	Patellofemoral Replacement: What we have learned?	Sebastian Parrate	09.36 - 09.42	Title TBC Speaker TBC
09.43 - 09.49	The Outcome of 2nd Surgery Following Partial Knee Arthroplasty	Amy Garmer	09.43 - 09.49	Ceramic-on-Ceramic THA in Developmental Displasia of the Hip. Difficulties and Outcome Eduardo Garcia-Rey
09.49 - 10.00	Discussion		09.49 - 10.00	Discussion
10.00 - 10.30 Coffee Break in Exhibition Hall				

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KNEE SESSION 2 Bone Cuts and Balancing: The Foundation of Success in TKA		Moderators David Lewallen Michel Bonnin		HIP SESSION 2 Primary THA Surgical Approaches		Moderators Gabriel Baron Eleferios Tsiridis	
Bone							
10.30 - 10.36	Mechanical Alignment: The Gold Standard	Norman Scott	10.30 - 10.36	Surgical Approaches to the Hip Joint in Primary THA	Werner Siebert		
10.37 - 10.43	Consider the Patient: Constitutional Varus	Johan Bellemans	10.37 - 10.43	Does the Approach in THA must determine the Choice of Stem?	Christian Delaunay		
10.44 - 10.50	Anatomic Alignment: Pearls & Pitfalls of the Surgical Technique	Mark Pagnano	10.44 - 10.50	Direct Anterior: A Fad or here to stay?	Ray Kim		
10.51 - 10.57	Kinematic Alignment: What does RSA tell us?	Michael Dunbar	10.51 - 10.57	Optimizing Leg Length and Offset in THA	Gösta Ullmark		
10.58 - 11.04	Do we need a Computer to Fine Tune Gaps Balancing?	Fabio Catani	10.58 - 11.04	Screws or no Screws for Cup Fixation	John Callaghan		
11.04 - 11.15	Discussion		11.04 - 11.15	Discussion			
Soft Tissues		Moderators John Callaghan Ate Wymenga		Complications / Complex Primary THA		Moderators George Haidukewych Christian Delaunay	
11.16 - 11.22	Gap Balancing Versus Measured Resection: Why I have made my Choice	Bryan Springer	11.16 - 11.22	Classification and Algorhythm of Treatment of the Dysplastic Hip	Theofilos Karachalios		
11.23 - 11.29	Lessons learned from Selective Soft Tissue Balancing	Chris Peters	11.23 - 11.29	Is a Short Stem Suitable for Femoral Reconstruction in Patients With Hip Dysplasia?	Martin Buttarol		
11.30 - 11.36	The Valgus Knee: Master the Challenge	William Maloney	11.30 - 11.36	THA after previous osteotomies	Luigi Zagra		
11.37 - 11.43	Managing Severe Deformities without Constraint	Ashok Rajgopal	11.37 - 11.43	THA: Doctor, my leg is longer: The importance of pelvic obliquity and spine deformities in THR	Ahmed Enan		
11.44 - 11.50	Constraint in Primary TKA: The New York Experience	Russ Windsor	11.44 - 11.50	Acetabular fractures: When to indicate Total Hip Arthroplasty as a first Option	Julio César Garcia		
11.50 - 12.00	Discussion		11.50 - 12.00	Discussion			
12.00 - 13.30 Lunch & Industry Workshops							



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ROOM I		ROOM II	
KNEE SESSION 3 "Best of" - Award Winning Knee Abstract Podium Presentations		HIP SESSION 3 THA Complications	
Moderators Andrea Baldini Norman Scott		Moderators Ray Kim Gösta Ullmark	
13.30 - 13.36	Clinical Outcome of Navigation-Assisted Knee Arthroplasty compared to Knee Arthroplasty without Navigation Assistance in the same Patients Prospective, Randomized, Double Blind, Long-Term Study	13.30 - 13.36	Peri-Prosthetic Fracture following Direct Anterior Approach to Hip Arthroplasty
13.37 - 13.43	Is a Surgeon-Defined "Balanced Knee" Following Total Knee Arthroplasty really balanced?	13.37 - 13.43	Direct Anterior Approach: Not so Good
13.44 - 13.50	Predicting Functional and Clinical Outcomes after Revision of a Total Knee Arthroplasty	13.44 - 13.50	Periprosthetic Fractures in Cementless THA
13.51 - 13.57	Eighty Percent of Patients undergoing Unicompartmental Knee Arthroplasty will return to Moderate to High-Intensity Sport Activities on Regular Basis	13.51 - 13.57	Are Parkinson's Disease and Epilepsy associated with Worse Outcomes following THR?
13.58 - 14.04	Total Knee Kinematics do determine Patient reported Outcomes	13.58 - 14.04	Is One-Stage Bilateral Total Hip Arthroplasty a safe Procedure for Patients with Avascular Necrosis of Femoral Head?
14.05 - 14.11	Survivorship of Metaphyseal Sleeves in Revision Total Knee Arthroplasty	14.04 - 14.14	Discussion
14.12 - 14.18	Blood Management in Bilateral Simultaneous Fast-Track Knee Arthroplasty		
14.19 - 14.25	Mid to Long Term Outcomes of the Avon Patello-Femoral Joint Replacement		
14.25 - 14.35	Discussion		
What's new from comparative Studies at WAC		Robotic Surgery / Implant Positioning	
Moderators Fabio Catani Fares Haddad		Moderators Seth Jerabeck Werner Siebert	
14.36 - 14.42	Computer-Assisted vs Conventionally Operated TKA. A Multicenter Parallel-Group randomised controlled Trial	14.15 - 14.25	How I do a Robotic THA
14.43 - 14.49	Anatomic Alignment and Anatomic Tibial Placement Improves Outcomes in TKA	14.26 - 14.33	Mathematical Modeling: A Theoretical Approach to determine in Vivo Hip Joint Instability
14.50 - 14.56	Clinical Results of Bicompartmental Compared to TKA for Knee Osteoarthritis - A Prospective Randomized Study	14.34 - 14.41	Accuracy of Preoperative Implant Sizing and Positioning Using 3D Preplanning Software for Robotic-Assisted Total Hip Arthroplasty
14.56 - 15.05	Discussion	14.42 - 14.49	Does Robotically Assisted Total Hip Arthroplasty result in Superior Clinical Outcomes? A Pair Match-Controlled Study
		14.49 - 15.00	Discussion
15.05 - 15.30 Coffee Break			

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ROOM I		ROOM II	
KNEE SESSION 4 Avoiding Infection is our #1 Priority		HIP SESSION 4 Cases and Video Presentations of Revision Hip Surgery	
Moderators Henry Clarke Robert Hube		Moderators Victor Krebs Wim Schreurs	
		Revision Acetabulum	
15.30 - 15.36	Pre-Operative Patient Optimization is Critical	15.30 - 15.36	Acetabular Removal Techniques
15.37 - 15.43	Does Timing of Surgery after Cortisone or HA Injections matter?	15.37 - 15.43	Kerboull Device for Major Acetabular Reconstructions in Paprosky Type Iii Defects: A minimum 5-Year Follow-Up
15.44 - 15.50	Intraosseous Administration wins when Prophylactic Vancomycin is indicated	15.44 - 15.50	A Step-Wise Approach using Augments & a Cup-Cage
15.51 - 15.57	Vancomycin Powder & Betadine Soaks in TKA: All or None?	15.51 - 15.57	Acetabular Reconstruction for Large Oncologic Resections
15.58 - 16.04	Antibiotic Cement in TKA: The Facts Not Fiction	15.58 - 16.04	Managing Pelvic Discontinuity
16.05 - 16.11	Extended Oral Antibiotics reduces Early Post-op Infection in High Risk Patients	16.04 - 16.15	Discussion
16.11 - 16.21	Discussion		
Controversial Topics in TKA		Revision Femur	
Moderators Julio Cesar Garcia Paolo Adravanti		Moderators Wayne Paprosky José Cordero Ampuero	
16.22 - 16.28	Metal Allergy in TKA	16.15 - 16.23	Extended Trochanteric Osteotomy in 500 Hips
16.29 - 16.35	Tibial Component Rotation: What is the Goal?	16.24 - 16.32	Cemented Femoral Revision should be revisited
16.36 - 16.42	Femoral Component Rotation in 2018	16.33 - 16.41	Using a Contemporary Modular Femoral Revision System
16.43 - 16.49	Is Bilateral Simultaneous TKA safe?	16.42 - 16.50	The Role of Megaprosthesis in Non-Oncologic Femoral Revision
16.50 - 17.00	Discussion	16.50 - 17.00	Discussion
17.00 - 18.30 E-poster presentation (See page 6 - 8)			
18.30 - 19.30 Welcome Reception			



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E-POSTER SESSION

Station 1/KNEE	Moderator: Sebastien Lustig		Station 4/HIP	Moderator: Francesco Benazzo	
17.00 - 17.05	New Instrumentation System for Mobile Bearing Unicompartmental Knee Arthroplasty improves Trainee Surgeons Performance	Andrew Price	17.00 - 17.05	Giant synovial herniation following THA - A case report	Thomas Krueger
17.06 - 17.11	2 Year Results of a Randomised Trial of Robotic Surgical Assistance versus Manual Unicompartmental Knee Arthroplasty	Iona Donnelly	17.06 - 17.11	Femoral Prosthesis Trunion Fracture Following Large Metal on Metal Uncemented Total Hip Arthroplasty: A Case Report	Giridhar Boyapati
17.12 - 17.17	Clinical Results and 12-year Survivorship of the Physica ZUK Unicompartmental Knee Replacement James Corbett	James Corbett	17.12 - 17.17	Pelvic Pseudotumor In a Metal-on-Polyethylene Total Hip Arthroplasty: A Case Report	Flavio Luis Garcia
17.18 - 17.23	EARLY Functional Performance of Unicompartmental Knee Arthroplasty compared to Total Knee Arthroplasty	Laura Scholl	17.18 - 17.23	Accelerated Fretting Corrosion Testing of Zirconia Toughened Alumina Composite Ceramic and a New Composition of Ceramised Metal Femoral Heads	Chenxi Li
17.24 - 17.29	Lateral Unicompartmental Knee Arthroplasty for Osteoarthritis Secondary to Lateral Tibial Fracture is Effective in restoring Function and Relieving Pain	Matteo Marullo	17.24 - 17.29	8-Year Minimum Experience with a Titanium Modular Neck Total Hip Arthroplasty	Nikolaos Stavropoulos
17.30 - 17.35	Instrumentation for Optimal Interference of the Cementless Oxford Unicompartmental Knee Replacement	Hasan Raza Mohammad	17.30 - 17.35	Establishing a Baseline for Total Hip Retrieval Analysis: A Study of Total Hip Retrievals at Time of Necropsy	Meredith Perkins
17.36 - 17.41	Patellofemoral Arthroplasty in Younger Patients: Are Recreational Activities Feasible?	Manoshi Stoker	17.36 - 17.41	Open Debridement with Prosthesis Retention for Infected TKA: Does the Organism matter? A Systematic Review	Jay Shah
17.42 - 17.47	Effects of Coronal Alignment of Uni-Compartmental Knee Arthroplasty on Knee Kinematics using a Computer Simulation	Schinichiro Nakamura	17.42 - 17.47	Audit of the Introduction of High Dose Dual Antibiotic Cement to prevent Surgical Site Infection in Cemented Hemiarthroplasty	Puneet Tailor
17.48 - 17.53	Validation of KOGS (Knee Osteoarthritis Grading System)	Christiaan Oosthuizen	17.48 - 17.53	Identification of Alpha-Defensin in the Synovial Fluid with Chronic Knee and Hip Prosthetic Infections using Lc-Maldi-Tof/Tof	Giovanni Balato
17.54 - 17.59	Mobile Bearing Leads to Less Proximal Medial Tibial Strain following Uka in comparison with Fixed Bearing in a Cadaver Setup	Peersman	17.54 - 17.59	Modified One-Stage Revision Arthroplasty May Be Effective in Treating Periprosthetic Joint Infection	Ahmed Siddiqi
18.00 - 18.05	The Functional Outcomes of Unicompartmental Knee Replacement, Comparison between Fix and Mobile Bearing Prosthesis	Jeroslaw Szyszka	18.00 - 18.05	Effectiveness of an easy "Biofilm Prevention Protocol"	Joris Dendooven
18.06 - 18.11	Optimum Radiographic Assessment of the Tibiofemoral Joint	Thomas Hamilton	18.06 - 18.11	Outcome of Hip and Knee Periprosthetic Joint Infections caused by Pathogens Resistant to Biofilm-Active Antibiotics	Doruk Akgun
18.12 - 18.17	Patellofemoral Osteoarthritis should not be considered a Contraindication in Domed Lateral Knee Replacement	James Kennedy	18.12 - 18.17	Treatment of Periprosthetic Knee Infection with a two-stage Protocol using the Hofmann's Spacer	Vincenzo Franceschini
18.18 - 18.23	Bearing Dislocation with the Oxford Medial Uka - Rate of Occurrence and Successful Management	Andrew Price	18.18 - 18.23	Pji Detection with Sonication for Removed Orthopaedic Implants	Bostjan Kocjancic
18.24 - 18.29	The Learning Curve in Oxford Unicompartmental Knee Arthroplasty: Indian Experience	Sanjeev Gokhale	18.24 - 18.29	Extended Oral Antibiotic Prophylaxis in High Risk Patients substantially reduces Primary Total Hip and Knee	Evan Deckard

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E-POSTER SESSION

Station 2/KNEE	Moderator: David Murray		Station 5/HIP	Moderator: Warwick Bruce	
17.00 - 17.05	Conservative Management of Knee Osteoarthritis using Platelet-Rich-Plasma: A systematic review and meta-analysis	Geoff Crozier-Shaw	17.00 - 17.05	Clinical Outcomes and Dislocation Rates after Hip Reconstruction using a Modular Head/ Neck Adaptor System	Nemandra Sandiford
17.06 - 17.11	Comparing the Lower Limb Strength after Total and Unicompartmental Knee Arthroplasty	Stefan Breugem	17.06 - 17.11	Risk Factors for Increased Sagittal Pelvic Rotation in Patients Requiring Total Hip Replacement	Jonathan Vigdorhik
17.12 - 17.17	The Short Term Outcome of Open Wedge Tibial Osteotomy using Bone Graft Substitute (Frabone) and Allogeneous Bone Graft	Eusung Choi	17.12 - 17.17	Pre-Operative Assessment of the Variation in Supine to Standing Pelvic Tilt using Ct and Standing Lateral Imaging	Thomas McCarthy
17.18 - 17.23	Unicompartmental Knee Prostheses to Treat Postmeniscectomy Knee Arthritis in Women between 50 and 70 Years Old	Federico D'Amario	17.18 - 17.23	Analysis of Pelvic Parameters before and after Total Hip Arthroplasty using Standing Full Body Eos Radiographs	Aymard De Ladoucette
17.24 - 17.29	Patient Reported and Clinical Outcomes of Robotic-Arm Assisted Unicompartmental Knee Arthroplasty: Minimum Two Year Follow-Up	J. Melvin Deese	17.24 - 17.29	Novel Theoretical Assessment of Cup Positioning and Joint Stability in THA	Manh Ta
17.30 - 17.35	Improved Accuracy and Reduced Outliers in Robotic-Guided Unicompartmental Knee Arthroplasty compared to Conventional Jig-Based Technique: Early Results of a Prospective Single-Surgeon Series	Babar Kayani	17.30 - 17.35	Short term Clinical Follow Up Comparison between Navigated and Non-Navigated Tkr from an International Multicenter Study	Mohamad Folath
17.36 - 17.41	Metaphyseal Fixation in Cemented and Cementless Oxford Partial Knee Replacement: Preliminary Results of a Prospective Spect/Ct Study	Lucas Beckers	17.36 - 17.41	Dual Mobility Shell providing improved Clinical Outcomes with no Dislocations	Kipling Sharpe
17.42 - 17.47	Unique Radio System in Total Knee Prosthesis: 7 Years of Clinical and Functional Results	Adrian Barrera	17.42 - 17.47	Early Results of Dual Mobility Total Hip Arthroplasty in Acute Trochanteric Fractures	Hany Elsayed
17.48 - 17.53	Role of Posterior Condylar Offset in Post Operative Rom after Cr & Ps TKA	R.K. Arya	17.48 - 17.53	Is the Wear of the Dual Mobility Cup Inferior or Superior of the Conventional Cup over a standard In Vitro Test?	André Ferreira
17.54 - 17.59	The Influence of TKA Design on Frontal Plane Laxity and Collateral Ligament Strain: An Ex Vivo Investigation within a Single Implant Line	Pieter Berger	17.54 - 17.59	Dual Mobility Cups for Recurrent Dislocation of Total Hip Arthroplasty	Afshin Taheriazam
18.00 - 18.05	Comparative Assessment of Gait in Total Knee Arthroplasty Patients between Multi-Radius and Gradually Reducing Radius Femoral Component Designs during Sit-To-Stand Movement and Stair Descent	Sang Jin Lee	18.00 - 18.05	Five Year Follow-up Clinical Outcomes with a Anatomic Dual Mobility (ADM) Acetabular System: A Multicenter Study	Kevin Barga
18.06 - 18.11	Coronal Flexion Alignment in Osteoarthritic Knees	Jef Neiryck	18.06 - 18.11	Cross-fire	Sava Turcan
18.12 - 18.17	Cemented versus Cementless CAS TKA: Mid-Term Results of a Prospective Randomized Study	Garro	18.12 - 18.17	The Cost-Effectiveness of Dual-Mobility in a Spine Fusion Population with High-Risk of Dislocation	James Slover
18.18 - 18.23	In Vivo Kinematics for Subjects having a PS TKA With a Gradually Reducing Condyle Radius	Ian Zeller	18.18 - 18.23	Electromagnetic Navigation System for Cup Placement in Total Hip Arthroplasty is more Accurate than Free-Hand Technique	Rene Mihalič
18.24 - 18.29	Prognostic Factors influencing Outcomes of Mobile Bearing Total Knee Arthroplasty	Federica Rosso	18.24 - 18.29	Restoration of Native Hip Geometry after Hip Resurfacing Arthroplasty	Jan Vanlommel

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E-POSTER SESSION					
Station 3/KNEE	Moderator: Ashok Rajgopal		Station 6/HIP	Moderator: Wim Schreurs	
17.00 - 17.05	Primary Constrained and Hinged Total Knee Arthroplasty - Revision Risk and Causes of Revision	Mona Badawy	17.00 - 17.05	The Posterior Approach Reduces the Risk of Sagittal Mal-positioning of a Short Tapered Stem	Abdulrahman Algarni
17.06 - 17.11	MCL reconstruction in revision TKA	Claudio Zorzi	17.06 - 17.11	The Neck Sparing Implant inserted by an Anterior Approach: Technique and Results	Anthony Unger
17.12 - 17.17	"2-in-1" Single Stage Revision for the Infected Total Knee Replacement	Kenan Dehene	17.12 - 17.17	150 The Fate of Sagittal Alignment and Femoral Filling in Tapered Cementless Stems in Total Hip Arthroplasty	Eduardo Garcia-Rey
17.18 - 17.23	Relationship between Self-Reported and Performance-Based Tests in Assessment of Patients with Revision Total Knee Arthroplasty	Musa Eymir	17.18 - 17.23	Modern Press-Fit Stem Design Concept Accurately Allows Surgeons to Recreate Patient Biomechanics	Alana Levine
17.24 - 17.29	Causes of Revision in Total Knee Arthroplasty (Rtka) in Patients aged 80 Years or older	Sergio González Rouse	17.24 - 17.29	Metal-on-Metal Hip resurfacing Outcomes at a minimum Follow-Up of 10 Years: A Systematic Review	Riccardo Orsini
17.30 - 17.35	Patellar Tendon Rupture following Total Knee Arthroplasty	Steven Heer	17.30 - 17.35	Implantation of Short Stem Hip Prosthesis Type Aida using a Minimally Invasive Anterolateral Approach	Mohamed Elkabbani
17.36 - 17.41	Extensor Mechanism Rupture in Primary TKA	Ifran Nadia	17.36 - 17.41	Do Short Stem Total Hip Replacements enable a Superior Functional Performance	Anatole Wiik
17.42 - 17.47	Custom made Polyethylene Liner to correct Tibial Component Malalignment in a Case with Proximal Tibial Deformity	Claes Blom	17.42 - 17.47	"Femoral Blaze" Phenomenon in Cementless Total Hip Arthroplasty (THA) - All Smoke and no Fire?	Mohit Bansal
17.48 - 17.53	Local Bio-absorbable Antibiotic Delivery in Calcium Sulfate Beads in Hip and Knee Arthroplasty	Zachary Lum	17.48 - 17.53	Clinical and Radiological Results of Cementless CIs Hip Stem in the third Decade after Implantation	Giovanni Balato
17.54 - 17.59	Heterotopic Ossification in a Total Knee Arthroplasty	Dereck Marske	17.54 - 17.59	Thigh Stem Pain after Total Hip Arthroplasty with Short Proximal Porous Hip Stem - An Early Follow-Up	Remy Coulomb
18.00 - 18.05	Knee-Spine Syndrome: The Effect on the Sagittal Balance after Total Knee Arthroplasty	Daniele Vanni	18.00 - 18.05	Excellent Long-Term Outcomes of a Triple Taper Femoral Stem for Cementless Total Hip Replacement	Alain Cypres
18.06 - 18.11	Revision of Infected Total Knee Arthroplasty: Two-Stage Revision Using an Antibiotic-Impregnated Space and allograft	Sunku Nithin	18.06 - 18.11	A Copy is not the Same: Alarmingly High Rates of Implant Fracture of a Polished Tapered Femoral Stem	Stijn Ghijselings
18.12 - 18.17	Complication Rate and Clinical result of One-week Interval Staged Bilateral Total Knee Arthroplasty: Compared to Simultaneous and Several-Months Interval Staged Bilateral Total Knee Arthroplasty	Sin Hyung Park	18.12 - 18.17	Fatigue Failure of Femoral Stem After Total Hip Arthroplasty	Timothy Ekpo
18.18 - 18.23	Evaluation of Extensor Mechanism in Revision Knee Arthroplasty With Quadricepsplasty	Vadym Zhamilov	18.18 - 18.23	Superpath Technique in Primary Hip Arthroplasty. Video Technique and Results about more than 100 Cases	Vittorio Bellotti
18.24 - 18.29	Moderate effect of isolated polyethylene insert exchange for instability after TKA; A retrospective cohort study with stress radiographs	Nienke Kosse	18.24 - 18.29	Long Term Outcome of Total Hip Arthroplasty for Osteonecrosis Secondary to Sickle Cell Disease	Mohamed Zubair Farook

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ROOM I		
Combined HIP/KNEE SESSION 1 Pain Management		Moderators Robert Hube Francesco Benazzo
08.00 - 08.06	Modern Protocols for Postoperative Pain Management	Eleftherios Tsiridis
08.07 - 08.13	Pain Management in TKA: What Works and What Doesn't	Emmanuel Thienpont
08.14 - 08.20	Dealing with Subacute Pain after TKA	Aree Tanavalee
08.21 - 08.27	Efficacy of Multimodal Cocktail Periarticular Injection in Total Knee Arthroplasty: A Prospective Randomized Double-Blind Controlled Trial	Muhammad Nagieb
08.27 - 08.40	Discussion	
Thromboprophylaxis		Moderators Henrik Husted Johan Karrholm
08.40 - 08.46	Thomboprophylaxis: The Fight between Evidence-Based and Defensive-Based Medicine	Claudio Castelli
08.47 - 08.53	Best Prophylaxis is early Mobilization	Per Kjaersgaard Andersen
08.54 - 09.00	Extended Venous Thromboembolism Prophylaxis comparing Rivaroxaban to Aspirin following Total Hip and Knee Arthroplasty (EPCAT II)	Mike Dunbar
09.01 - 09.07	Bleeding Control in Total Joint Arthroplasty	Gabriel Baron
09.07 - 09.20	Discussion	
Infection		Moderators Kevin Garvin Johan Bellemans
09.20 - 09.26	Current Status of Periprosthetic Infection Diagnosis	Johan Bellemans
09.27 - 09.33	Minor Infection Criteria - Do they have an Impact on the Outcome?	Kevin Staats
09.34 - 09.40	Continuation of Antibiotic Therapy in the Treatment of PJI Undergoing Two Stage Exchange can reduce Recurrence	Tiziana Ascione
09.41 - 09.47	Short Interval two-stage Approach with the Use of Biofilm Active Antibiotic Concepts for Chronic Periprosthetic Infection	Doruk Akgun
09.47 - 10.00	Discussion	
10.00 - 10.30	Coffee Break in Exhibition Hall	



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ROOM I		
Combined HIP/KNEE SESSION 2 Technology Advances		Moderators Matthew Abdel Fabio Catani
Robotic Surgery / Navigation		
10.30 - 10.36	How the Robot changed my Practice	Fares Haddad
10.37 - 10.43	Comparison of Outcome and Gait Analysis after Robotic TKA between Mechanical and Kinematic Knee Alignment Methods with Average 8 Years Follow Up	Jong-Keun Seon
10.44 - 10.50	Robotic THA Reliably and Accurately Reproduces Planned Cup Placement, Femoral Stem Version, Combined Version, Hip Offset and Hip Length	Seth Jerabek
10.51 - 10.57	Does Intraoperative Robotic TKA Alignment Correlate with Standing Long Leg Postoperative Alignment?	Martin Roche
10.58 - 11.04	A Novel PSI Design can deliver Robotic Level Accuracy in UKA Surgery	Gareth Jones
11.04 - 11.15	Discussion	
Ultrasound/ Computers / Dedicated Instrumentation		
		Moderators Michael Dunbar Jan Victor
11.16 - 11.22	Can 3D Ultrasound Replace Xray, CT and MRI in Clinical Practice?	Rick Komistek
11.23 - 11.29	Active Robotics for Total Knee Arthroplasty: Technique and Early Clinical Outcomes	William Long
11.30 - 11.36	Handheld Navigation for Direct Anterior Total Hip Arthroplasty Cup Placement	Edwin Su
11.37 - 11.43	Target Zone for balancing of Total Knee Arthroplasties using Load Sensor Technology: A Proof of Concept	Patrick Meere
11.44 - 11.50	A Novel iPod-Based Navigation System for TKA	Arun Mullaji
11.50 - 12.00	Discussion	
12.00 - 13.30	Lunch & Industry Workshops	

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KNEE SESSION 5 Technology in TKA		Moderators Sebastian Parratte Arun Mullaji	HIP SESSION 5 Miscellaneous Topics		Moderators John Callaghan Jean Noel Argenson
13.30 - 13.36	Computer Navigation in TKA: The Australian Experience	Warwick Bruce	13.30 - 13.36	Hip Preservation or THA?	Chris Peters
13.37 - 13.43	Computer Navigation in TKA	Nicholas Budhiparama	13.37 - 13.43	The Last News from Registries on THA	Per Kjaersgaard-Andersen
13.44 - 13.50	PSI: A Step Forward?	Jan Victor	13.44 - 13.50	THA vs Hemiarthroplasty for the Treatment of Displaced Femoral Neck Fractures	Jose Cordero Ampuero
13.51 - 13.57	Computer Navigation versus Conventional Total Knee Arthroplasties - Factors and Short-Term Outcomes	Sanjiv Rampal	13.50 - 13.59	Discussion	
13.58 - 14.04	No Thank You: Do you remember Hal?	Steve MacDonald			
14.04 - 14.13	Discussion				
		Moderators Gijs van Hellemond Justin Cobb	Best of Hip Papers		Moderators Arlen Hanssen Luigi Zagra
14.14 - 14.20	Custom TKA	Henry Clarke	14.00 - 14.06	The Use of Neck Modularity in THA: A Retrospective Study on 1,033 Implants with a maximum Follow-Up of 15 Years	Pietro Maniscalco
14.21 - 14.27	Clinical Performance of a Novel 3D Printed Titanium Tibial Baseplate	Manoshi Stoker	14.07 - 14.13	Impaction Force Influences Taper-Trunnion Stability in Total Hip Arthroplasty	Jason Longaray
14.28 - 14.34	Use of Highly Crosslinked Poly in TKA did not compromise 10 Years Results	Philippe Massin	14.14 - 14.20	Short-Term Outcomes with a Monolithic, Tapered, Fluted, Grit-Blasted, Forged Titanium Revision Femoral Stem	Jonathan Vigdorchik
14.35 - 14.41	The Role of Technology in Improving Value in TKA	Richard Iorio	14.21 - 14.27	Dual-mobility Bearings for Patients with Abductor-Trochanteric Complex Insufficiency	Goksel Dikmen
14.41 - 15.00	Discussion		14.28 - 14.34	Clinical and Radiological outcomes at a Minimum Follow Up of 15 Years of Exeter Universal Stems Implanted via Lateral Approach	Abdulrahman Algarni
			14.35 - 14.41	Trends in Incidence and Risk Factors for Perioperative Mortality following Revision Total Hip Arthroplasty: A 20 Year Analysis in the United States	Matthew Best
			14.42 - 14.48	Offset Restoration in short and conventional Stems using Digital Templating	Sheryl de Waard
			14.49 - 14.55	Total Hip Arthroplasty in the Congenitally Dislocated Hip using the Paavilainen Technique: 367 Hips Follow-Up for 2-16 Years	Rashid Tikhilov
			14.56 - 15.05	Discussion	
15.00 - 15.30	Coffee Break in Exhibition Hall				

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ROOM I		ROOM II	
KNEE SESSION 6 Knee Case and Video Presentations		HIP SESSION 6 Primary Hip Arthroplasty Topics	
Moderators Susan Fuchs-Winkelmann Claudio Castelli		Moderators Doug Padgett Moussa Hamadouche	
Case Presentations with Discussion			
15.30 - 15.37	Tibiofemoral Movement in Living Knee with Full Flexion after Total Knee Arthroplasty	15.30 - 15.36	Femoral Stem Design is important in obese Patients
15.38 - 15.45	Management of the Hyperextended TKA	15.37 - 15.43	Long Term Results of a Cementless Total Hip Arthroplasty using Bilayer Coating and Ceramic Bearings
15.46 - 15.53	Extensor Mechanism Reconstruction with Autologous Tissue	15.44 - 15.50	Influence Of Femoral Broach Shape on Stem Alignment using Direct Anterior Approach for Total Hip Arthroplasty
15.54 - 16.01	The Case for Bicompartmental Knee Arthroplasty	15.51 - 15.57	Primary Total Hip Replacement with use of Cemented Exeter Short Stems
16.02 - 16.09	Windswept Deformity Correction with TKA	15.58 - 16.04	Undersizing an uncemented Stem in Total Hip Arthroplasty - Does it matter?
16.10 - 16.17	TKA in Post-Traumatic OA	16.05 - 16.11	Can a Cementless Femoral Stem avoid Calcar Stress Shielding?
		16.12 - 16.19	Discussion
Video Presentations		Outcomes / Complications	
Moderators David Dalury Sergio Romagnoli		Moderators Michael Meneghini Per Kjesgaard Andersen	
16.20 - 16.26	Detrimental Role of Overhanging Components in TKA	16.20 - 16.26	Direct Anterior vs Posterior Approach: A RCT Showing limited Benefits
16.27 - 16.33	Controlling PCL Tension in Cruciate Retaining TKA	16.27 - 16.33	Short Term Complication Rates following Outpatient THA
16.34 - 16.40	Implant Design and Sagittal Stability in TKA	16.34 - 16.40	Acetabular Component Position does not influence Wear of HXLPE
16.41 - 16.47	Pitfalls in Femoral Component Positioning to Preserve the Joint Line	16.41 - 16.47	Evidence-Based Thresholds for the Volume-Value Relationship in Hip Arthroplasty: Outcomes and Economies of Scale
16.48 - 16.54	The Pathological Anatomy of the Postero-Medial Corner Complex in Severe Osteoarthritis	16.48 - 16.54	Novel Index 'Leg Extension Ratio' is very effective for Prevention of Sciatic Nerve Paralysis in Tha
16.54 - 17.00	Discussion	16.54 - 17.00	Discussion
17.00 - 18.30	ePoster Presentations (See page 13 - 15)		
19.30	WAC Congress Dinner		

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E-POSTER SESSION					
Station 1/KNEE	Moderator: Aree Tanavalee	Station 4/HIP	Moderator: Nicolaas Budhiparama		
17.00 - 17.05	The Impact of Prior Total Shoulder Arthroplasty on Perioperative Outcomes and Length of Stay in Primary Total Knee Arthroplasty	Keith Aziz	17.00 - 17.05	Self-reported Marijuana Use in Patients Undergoing Total Joint Arthroplasty	Jason Jennings
17.06 - 17.11	Comparison of Adductor Canal Block with Combined Adductor Canal Block and Intra-Articular Epidural Catheter Infiltration for Pain Relief After Total Knee Arthroplasty	Gridhar Boyapaty	17.06 - 17.11	Pakistan National Joint Registry as a Success Model in South Asia	Arsalan Ghazi
17.12 - 17.17	Effectiveness of Bupivacaine Liposome Injectable Suspension for Postoperative Pain Control in Total Knee Arthroplasty: A Prospective, Randomized, Double Blind, Controlled Study	Jeffrey DeClaire	17.12 - 17.17	Title TBC	Speaker TBC
17.18 - 17.23	Thromboprophylaxis after Hip and Knee Arthroplasty: Is Aspirin an Effective and Safe Solution? A Retrospective Comparative Study	Arnaud Fischbacher	17.18 - 17.23	Is your Phone Bugged? A Comparison of Microorganism Load on Smartphones	David Ferguson
17.24 - 17.29	Tissue Adhesive for Wound Closure Reduces Immediate Postoperative Wound Oozing - A Randomized Controlled Study in Simultaneous Bilateral Total Knee Arthroplasty	Kirill Gromov	17.24 - 17.29	A Holistic Approach to optimize the Pain Management Strategy after TKA and THA: A Prospective Observational Report	Philippe Van Overschelde
17.30 - 17.35	Tourniquet use in TKR: A potential predictor of postoperative pain scores in males and females	Hazem Hassouna	17.30 - 17.35	Oral Rivaroxaban for Japanese Patients with Asymptomatic Venous Thrombosis following Hip or Knee Arthroplasty	Masaki Mizushima
17.36 - 17.41	Bleeding, complications and surgery time: Patient-specific instruments vs conventional total knee arthroplasty	Thomas Heyse	17.36 - 17.41	Return to Sport after Bilateral Single Stage THA	Sébastien Lustig
17.42 - 17.47	Pain and tourniquet use in TKA, what is the evidence? A systematic review and meta-analysis	Shu Yang Hu	17.42 - 17.47	A Novel 4D Navigation Device for Acetabular Cup Positioning in Total Hip Arthroplasty	Rosaleen Drummond
17.48 - 17.53	The Effects of Timing of Periarticular Injection for Postoperative Pain Reduction: A Randomized Controlled Trial in Simultaneous Bilateral Total Knee Arthroplasty	Atthakorn Jarusriwanna	17.48 - 17.53	Early Function Comparison of Robotic-Arm Assisted Unicompartmental Knee Arthroplasty and Total Knee Arthroplasty	Pamela Fairchild
17.54 - 17.59	Medial Parapatellar versus Subvastus Approach in Total Knee Arthroplasty	Raprivasad Kattimani	17.54 - 17.59	Femoral Neck Fractures: The Paradigm Shift towards Total Hip Arthroplasty? A 5 Year Retrospective Review	Sanjiv Rampal
18.00 - 18.05	Perioperative Blood Loss Control with a Combined Method of Tranexamic Acid Administration in Total Knee Arthroplasty	Evangelous Papadimitrou	18.00 - 18.05	Comparison of Clinical and Radiologic Results Between Modified Watson-Jones and Hardinge Approach in Bipolar Hemiarthroplasty	Sin Hyung Park
18.06 - 18.11	Blood Loss Reduction: Effect of Different Prosthesis Design and Route of Tranexamic Acid Administration: A Randomized controlled Trial with Longitudinal Data Analysis	Piti Rattanaprichavej	18.06 - 18.11	Direct Anterior Approach Total Hip Arthroplasty in the Retained Hardware Patients	Phonthakorn Panichkul
18.12 - 18.17	Pre-Operative Patient Education in Total Knee Arthroplasty: Its Impact on Length of Stay	Tomaz Silvester	18.12 - 18.17	No Difference in 3 month Patient Reported Outcomes in DA vs PA THAs	Derek Marske
18.18 - 18.23	Effectiveness of Intra-Articular Administering of Tranexamic Acid during Primary Total Knee Arthroplasty in Patients with Cardiovascular Comorbidity	Sladjan Timotijevic	18.18 - 18.23	In Vivo Kinematics of Normal and Degenerative Hip Joints	Jarrod Nachtrab
18.24 - 18.29	A Prospective, Randomized, Comparative Study of Intravenous alone and combined Intravenous and Intraarticular Administration of Tranexamic Acid in Primary Total Knee Replacement	Sebastiano Vasta	18.24 - 18.29	Retrospective Chart Review of Hip Function after Arthroscopic Iliopsoas Tenotomy in Patients with Total Hip Arthroplasty	Misty Suri

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E-POSTER SESSION					
Station 2/KNEE	Moderator: Andrew Toms		Station 5/HIP	Moderator: Werner Siebert	
17.00 - 17.05	Novel Modified Instrumented Kinematic Alignment Surgical Technique for Natural Total Knee Arthroplasty	Yaron Bar Ziv	17.00 - 17.05	"Dual Diagnosis" as a Risk Factor For Complications in Total Joint Arthroplasty	Andrew Apple
17.06 - 17.11	Patient specific Instrumentation vs standard Technique for Total Knee Replacement: A Comparison of Five Year Clinical Outcomes	Andrew Davies	17.06 - 17.11	Supercapsular Percutaneously Assisted Total Hip Arthroplasty (Superpath): A Videotechnique and 6 Year Outcomes	Jimmy Chow
17.12 - 17.17	Title TBC	Speaker TBC	17.12 - 17.17	Insurance Status Predicts Morbidity, Mortality, and Cost in Revision Total Joint Arthroplasty	Blake Eyberg
17.18 - 17.23	Fifteen Year Survival Rate after Navigated Total Knee Arthroplasty	Jean-Yves Jenny	17.18 - 17.23	Predictors of Financial Loss for Femoral Neck Fracture Patients Undergoing Total Hip Replacement in the Bundled Payment for Care Improvement (BPCI) Initiative	Trevor Grace
17.24 - 17.29	Planning on Ct-Based 3D Virtual Models can accurately predict the Component Size for TKA	Vincente J León-Muñoz	17.24 - 17.29	In-Hospital Complications of Total Joint Arthroplasty	Kristie Kelley
17.30 - 17.35	Accuracy Assessment of a Novel Image-Free Handheld Robot for Knee Arthroplasty in Bi-Cruciate Retaining Knee and Total Knee Replacement - A Cadaveric Study	Riddhit Mitra	17.30 - 17.35	Hybrid Total Hip Arthroplasty for Multiple Epiphyseal Dysplasia: Mid-Term Follow Up	Jan Vanlommel
17.36 - 17.41	Sizing and Alignment Accuracy of a Ct-Based Customised Cutting Block in Primary Total Knee Arthroplasty	Stylianios Papalexandris	17.36 - 17.41	Soft tissue balancing in primary total hip arthroplasty: A series of 100 consecutive patients	Weixing Ho
17.42 - 17.47	Muscular Recovery and Activity Levels after Total Knee Arthroplasty: Conventional vs. Kinematic-Retaining Knee Prostheses	Thomas Paszicsnyek	17.42 - 17.47	Total Hip Replacement in Patients with Severe Congenital Hip Dysplasia	Francesca Giovannini
17.48 - 17.53	Inpatient Hospitalization, Short Term Rehabilitation, and Physical Therapy are not required for Successful Total Knee Arthroplasty: A new total Knee Arthroplasty Protocol	Andrew Wickline	17.48 - 17.53	Intra-Operative Sequential stretching to reduce "Irreducible" Total Hip Replacement	Sudhir Kumar Garg
17.54 - 17.59	Minor Adaptations in Implant Design Bicruciate-Substituted Total Knee System Improve Maximal Flexion	Nienke Kosse	17.54 - 17.59	A Novel Method of identifying Nerve Injury during Total Hip Arthroplasty	Goksel Dikmen
18.00 - 18.05	Posterior Stabilized Total Knee Kinematics: How Anatomic do we get Today? - An In-Vivo Comparative Study considering three different Implants	Matthias Verstraete	18.00 - 18.05	A Novel Technique to remove Moore's Pins during Conversion Total Hip Arthroplasty	Stefan Niculescu
18.06 - 18.11	Early Recovery Rate after a New Design Total Knee Arthroplasty (TKA): A Prospective, Multicenter Cohort Of 200 Cases	Geert Meermans	18.06 - 18.11	Proximal Bone Defects in Conservative Hip Revision: A new Classification	Filippo Casella
18.12 - 18.17	TKA Performances Optimization through a less invasive Surgical Technique and a Physiological Design of the Mobile Insert: A Biomechanical In-Vitro Analysis and a Clinical Study on 303 Patients	Gianluca Castellarin	18.12 - 18.17	Unified Classification System is the Definitive Femur Periprosthetic Fracture Classification after THA?	Andreas Panagopoulos
18.18 - 18.23	Quadrilateral Recovery after Minimally Invasive Total Knee Arthroplasty	Emmanuel Marchetti	18.18 - 18.23	Midterm Clinical Results and Quality of Life after Revision Total Hip Arthroplasty	Antonios Koutalos
18.24 - 18.29	An Examination of the Effect of the Posterior Cruciate Ligaments on Chair Rising Function in Patients with Total Knee Arthroplasty	Bayram Unver	18.24 - 18.29	Revision Hip Arthroplasty for Massive Acetabular Defects- The Cup-Cage Technique in a Case Series with Medium to Long-Term Follow-Up	Dan Arvinte

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E-POSTER SESSION					
Station 3/KNEE	Moderator: Sam Tarabichi		Station 6 / HIP	Moderator: Wayne Paprosky	
17.00 - 17.05	Micromotion Of A Cemented Hinged Type Knee Revision System With Model-Based Rsa	Malou te Molder	17.00 - 17.05	The Fate of Zone 2 Radiolucencies in Contemporary Highly-Porous Acetabular Components	Michael Meneghini
17.06 - 17.11	Proximal NC Tibial Knee	Sava Turcan	17.06 - 17.11	A Novel Acetabular Reaming Guide in total Hip Arthroplasty of Severe Dysplasia Cases	Atsushi Funayama
17.12 - 17.17	Abnormally High Rate of Early Aseptic Loosening of the Tibial Component after Attune Total Knee Arthroplasty. Is It a Prelude to a Catastrophic Scenario?	Francesco Uboldi	17.12 - 17.17	Outcome in Revision Surgeries of Hip Resurfacing	Riccardo Orsini
17.18 - 17.23	The Inferior Survival of TKA following High Tibial Osteotomy is Explained by Patient Demographics - Results from the National Danish Knee Arthroplasty Registry	Anders El-Galaly	17.18 - 17.23	Modified Autobanking of Femoral Head for Revision Hip Arthroplasty	Flavio Luis Garcia
17.24 - 17.29	Does Obesity affect the Clinical and Radiologic Outcomes in Minimally Invasive Total Knee Arthroplasty?	Sang Hon Park	17.24 - 17.29	Uncemented Total Hip Arthroplasty with Reconstruction of Acetabular Defects in Posttraumatic Oa	Stanislav Bondarenko
17.30 - 17.35	Does Implant Fixation affect Patient Satisfaction in Early Follow-Up of Primary Total Knee Arthroplasty?	Kipling Sharpe	17.30 - 17.35	7-Years Follow-Up after Reconstruction of Large Bone Acetabular Defects in Revision Hip Arthroplasty	Stanislav Milev
17.36 - 17.41	Prosthetic Knee Joint Infections: The culprit Organisms, our experience	Muhammad Zoha Farooq	17.36 - 17.41	Cementless Acetabular Reconstruction with Porous Material: 8 Years Experience with Trabecular Titanium in Revision Surgeries	Loris Perticarini
17.42 - 17.47	The Comparison of Clinical, Radiological and Proms between Fixed Bearing and Mobile Bearing Prosthesis in Patient undergoing Staged Bilateral TKA: A Randomized Clinical Trial	Amin Nemati	17.42 - 17.47	Trabecular Metal Augments with Cemented Cups in the Management of Acetabular Defects	Ahmed Ebied
17.48 - 17.53	Title TBC	Speaker TBC	17.48 - 17.53	Positioning of in Custom-Made Implants by Revision Hip Arthroplasty: Do they really Apply as a "Key to the Lock"?	Alexey Denisov
17.54 - 17.59	Infection is the main Reason for Revision Knee Arthroplasty in China	Qiheng Tang	17.54 - 17.59	Impaction Bone Grafting of Acetabular Defects in Total Hip Arthroplasties - Factors and Short-Term Outcomes	Sanjiv Rampal
18.00 - 18.05	CRP (C Reactive Protein) level after Total Knee Replacement in Indian Population- Does it follow Anglo-Saxon Trend ?	Sanjay londhe	18.00 - 18.05	Trabecular Titanium Cups in severe Acetabular Defects Revision Surgery. Techniques and Results	Vittorio Bellotti
18.06 - 18.11	Primary Total Knee Arthroplasty in Patients unable to walk due to Severe Tibial Bone Defect and Instability	Gianluca Cinotti	18.06 - 18.11	Results at 2-Years Follow-Up of a new 3D-Printed Custom-Made Acetabular Implant for Paprosky 3 Defects	Marieke Baauw
18.12 - 18.17	Outcomes of Asymmetric Tibial Coronal Recut for balancing Total Knee Prosthesis	Gabriel Stan	18.12 - 18.17	Lesional Treatment for Osteolysis around Well-Fixed Shells- A Case Series	Dan Arvinte
18.18 - 18.23	A Consultation Phone Service for Total Joint Arthroplasty Patients may reduce Emergency Department Visits	Rami Madanat	18.18 - 18.23	A Novel Technique for Removing a Well Fixed Uncemented Threaded Acetabular Cup in Revision Hip Arthroplasty	Stefan Niculescu
18.24 - 18.29	Increased Patellar Complication Rate in TKA with Pre-Operative Varus greater than 15°: A Case-Control Study	Jordane Mouton	18.24 - 18.29	Acute Myocardial Infarction following Revision Total Hip Arthroplasty: Incidence and Risk Factors	Matthew Best



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ROOM I		ROOM II	
KNEE SESSION 7 Improving Outcomes: It is not just Surgical Technique		HIP SESSION 7 Hip Instability	
Moderators Myung Chul Lee Ate Wymenga		Moderators Mark Pagnano Jean Alain Epinette	
Improving Fixation and Reducing Wear		Prevention Strategies	
08.00 - 08.06	What is the Role of Cross Linked Poly in TKA Doug Padgett	08.00 - 08.06	Hip / Spine Relationships and THA Surgical Considerations Seth Jerabeck
08.07 - 08.13	Wear Reduction in TKA: Is Higher or Lower Contact Area better? Kevin Garvin	08.07 - 08.13	Dynamic Pelvic Rotation in THA Bruce Warwick
08.14 - 08.20	Cemented versus Uncemented Fixation: Lessons from Registries Johan Karrholm	08.14 - 08.20	Tracking Pelvic Movement during Hip Replacement Surgery William Walter
08.21 - 08.27	Tibial Baseplate Fixation Strength Varies with Timing of Cementation William Mihalko	08.21 - 08.27	Can a Target Zone safer than Lewinnek's Safe Zone be defined to prevent Instability of Total Hip Arthroplasties? Case-Control Study Nicolas Reina
08.28 - 08.34	Lessons from the Registries: Data not Conjecture Daniel Berry	08.28 - 08.34	A Repaired Posterior Hip Capsule improves Stability when combined with Anatomic Femoral Head Size after Hip Arthroplasty Kartik Logishetty
08.34 - 08.44	Discussion	08.35 - 08.41	The Lumbo-Pelvic Complex Kinematics influences the Risk of Prosthetic Hip Dislocation: A Case-Control Study Stanislas Marouby
		08.42 - 08.48	Dual Mobility RSA Outcomes Michael Dunbar
		08.49 - 09.00	Discussion
Optimizing Recovery & Outpatient TKA		Treatment of Instability	
Moderators Richard Iorio Emmanuel Thienpont		Moderators William Maloney Luigi Zagra	
08.45 - 08.51	Minimize Blood Loss: Tranexamic Acid in 2018 Mark Pagnano	09.00 - 09.06	Management Options for Hip Instability Arlen Hanssen
08.52 - 08.58	Tourniquet less TKA Ray Kim		
08.59 - 09.05	Patient Selection & Optimization enables Safe Outpatient Surgery Michael Meneghini		
09.06 - 09.12	The Case for Outpatient TKA: European Experience Henrik Husted	09.07 - 09.13	Haptically Guided Robotic-Assisted Technology can accurately position Acetabular Components in Anterior Total Hip Arthroplasty Bradford Waddell
09.13 - 09.19	Significant Physical Prevention of Venous Thromboembolism with Intermittent Calf Massage and Passive Ankle Motion in Total Hip Arthroplasty Takeshi Kimura	09.14 - 09.20	Cost Analysis of Dual-Mobility Vs. Large Femoral Head Constructs in Revision Total Hip Arthroplasty Matt Abdel
09.19 - 09.25	Discussion	09.21 - 09.27	Is there any adverse Effect in the Use of DM Metal Liners? Jean-Alain Epinette

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Biomechanics: From Bench-to-Bedside		Moderators David Barrett Anders Troelsen	
09.25 - 09.31	In Vivo Kinematic Comparison for Subjects Having a Bi-Cruciate Substituting TKA vs the Normal Knee Garett Dessinger		
09.32 - 09.38	Multi-Center Evaluation of Knee Kinematics during different Activities for Anatomic Total Knee Design Francesco Zambianchi	09.28 - 09.34	Fatigue Testing of a Dual Mobility Insert against Edge-Worn Birmingham Hip Resurfacing Cups Chenxi Li
09.39 - 09.45	A finite Element Study on Overloading of the Reconstructed Tibia during Activities of daily Living Nico Verdonshot	09.35 - 09.41	Impingement in Dual Mobility vs. Fixed Bearing Liners: A Retrieval Study Lydia Weitzler
09.46 - 09.52	Biomechanical Investigation of the Use of Augments and Stems in Revision TKA Bernardo Innocenti	09.42 - 09.48	Contemporary Dual Mobility Head Penetration at Five Years: Are there Concerns With Additional Interfaces For Wear? Evan Deckard
09.52 - 10.00	Discussion	09.48 - 10.00	Discussion
10.00 - 10.30 Coffee Break in Exhibition Hall			
KNEE SESSION 8 Revision TKA		HIP SESSION 8 Long-Term Follow-Up THA	
The Basics		Moderators Chris Peters Gösta Ullmark	
10.30 - 10.36	Why Knees fail Bill Maloney	10.30 - 10.36	Ten Year Results of HXLPE Kevin Garvin
10.37 - 10.43	Pre-operative Planning in Revision TKA David Dalury	10.37 - 10.43	Delta on Delta Ceramic: 10 Year Results Martin Buttarò
10.44 - 10.50	Removing the Components David Barrett	10.44 - 10.50	Unsealed Holes in the Cup are a Risk Factor for Acetabular Osteolysis in Uncemented THA Volker Otten
10.51 - 10.57	Flexion Instability: Often missed but reliable Solution Myung Chul Lee	10.51 - 10.57	Rationale and technique of hybrid revision stem technique Robert Barrack
10.58 - 11.04	Constraint in Revision TKA David Lewallen	10.58 - 11.04	Classification and Results of short Stems Francesco Falez
11.04 - 11.15	Discussion	11.04 - 11.15	Discussion
		Moderators Steve MacDonald Carsten Perka	
11.16 - 11.22	Cemented Stems George Haidukewych	11.16 - 11.22	When do you recommend Revision for ALTR? Bryan Springer
11.23 - 11.29	Uncemented Stems Chris Peters	11.23 - 11.29	Do we need to update the European Recommendations on Met-Met Implants? Luigi Zara
11.30 - 11.36	It is Metaphyseal Fixation that Counts: Technical Pearls David Lewallen	11.30 - 11.36	Retrieval Analysis of Metal on Metal THR Doug Padgett
11.37 - 11.43	Metaphyseal Sleeves in Revision TKA: Minimum seven-Year Follow Up Devdatta Neogi	11.37 - 11.43	Modular Junction may be more Problematic than Bearing Wear in Meta-On-Metal Total Hip Arthroplasty Julien Chapleau
11.44 - 11.50	Joint Line Restoration in Revision TKA: is always mandatory? Gijs Van Hellemond	11.44 - 11.50	Revisions of Modular Metal-on-Metal Total Hip Arthroplasty have high early Complication Rates Jason Jennings
11.50 - 12.00	Discussion	11.50 - 12.00	Discussion
12.00 - 12.30	ePoster Presentations (see page 18)		
12.30 - 14.00	Lunch & Industry Workshops		



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E-POSTER SESSION

Station 1	Moderator: Martin Buttarò	Station 4	Moderator: Gösta Ullmark
12.00 - 12.05	Short-Term Outcome Evaluation of Total Knee Replacement using Patient Matched Instrumentation Demos Neophytou	12.00 - 12.05	Influence of System Compliance on Initial Taper Stability Sezen Buell
12.06 - 12.11	A Single-Use Nylon Arthroplasty Guide: A Preliminary Study Oliver Boughton	12.06 - 12.11	Comparison of Hydroxyapatite and Titanium Foam Coated Acetabular Cups in Primary Total Hip Arthroplasty Jim Nevelos
12.12 - 12.17	Navigated total hip arthroplasty following the concept of Combined Safe-Zone (cSafe-Zone) Karl-Heinz Widmer	12.12 - 12.17	Acute prosthesis of acetabular fractures Alessio Ciuffoletti
12.18 - 12.23	Accelerometer Based Navigation in TKA for Management of Extra-Articular Deformity: Analysis of Component Alignment Andrea Cozzi Lepri	12.18 - 12.23	Evaluation of Instability Following Total Hip Arthroplasty: A Prospective Interventional Three Years Follow Up Study Gajanan Pisulkar
12.24 - 12.29	PSI Useful or just Marketing? Cesare Chemello	12.24 - 12.29	Serious BCIS in Cemented Hemiarthroplasty - A Series of Four Cases Renate Krassnig
Station 2	Moderator: Theofilos Karachalios	Station 5	Moderator: William Walter
12.00 - 12.05	Unicompartmental Knee Arthroplasty: 2-Years Follow-Up, Results and Complications Bárbara Sotelo Sevillano	12.00 - 12.05	The Effects of Injured Medial Extensor by Median Parapatellar Approach on Mediolateral Soft Tissue Tension in Total Knee Arthroplasty Wonkee Choi
12.06 - 12.11	One-Stage Combined Hip and Knee Arthroplasty Stefano Petrillo	12.06 - 12.11	Aseptic Joint Loosening and the Diagnostic Role of Implant Sonication Bostjan Kocjancic
12.12 - 12.17	Primary TKR and functional Outcomes of Patients with Lymphedema Nasiur Rehman	12.12 - 12.17	Intraoperative Frozen Section Histopathology for the Diagnosis of Periprosthetic Joint Infection in Hip Revision Surgery: The Influence of Recent Dislocation and/or Periprosthetic Fracture Lucas Luyckx
12.18 - 12.23	Patient Satisfaction after Primary Total Hip Arthroplasty: Can the Bar be raised? A Systematic Literature Review with Meta-Analysis Edward Davis	12.18 - 12.23	Comparison of different Dosage of Tramadol Hydrochloride/Acetaminophen Combination and non-Steroidal Anti-Inflammatory Drug for the Treatment of Pain Following Total Knee Arthroplasty Hirotake Yo
12.24 - 12.29	Changes in Knee Ligament Insertion Bone Density with Osteoarthritis Sally LiArno	12.24 - 12.29	A Novel Technique to improve Pain Management following Elective Total Knee Replacements Mohammad Salhab
Station 3	Moderator: George Haidukewych	Station 6	Moderator: Theofilos Karachalios
12.00 - 12.05	Three-Year Outcomes of a Highly Porous Acetabular Shell in Primary Total Hip Arthroplasty Alana Levine	12.00 - 12.05	Pathologic Fracture of Acetabulum because a Giant Solitary Bone Plasmacytoma - A Challenge for Hip Arthroplasty Hugo Fernandes
12.06 - 12.11	Superior in situ THP: Video Technique and Preliminary Results Wouter Sioen	12.06 - 12.11	The Implant of Double Conical Tapered Hip Stem on Human Femur: Ex-Vivo and Finite Element Analysis Loris Peticarini
12.12 - 12.17	Safety and Efficacy of Ceramic on Ceramic Total Hip Replacement Amir Kamali	12.12 - 12.17	Clinical and Radiographical Results of Total Hip Replacements using Zyemuller Stem with Modular Neck in Developmental Dysplasia of the Hip Yoshinari Fujita
12.18 - 12.23	A new Surgical Technique to the Positioning of Hip Prosthetic Implants: The Medial-Inguinal Approach Luca Lucente	12.18 - 12.23	The Results of Conversion Hip Arthroplasty for failed internal Fixation of Femoral Neck Fractures. -The Short-Term Result using Cementless Corail Stem Masuhiro Tomita
12.24 - 12.29	Title TBC Speaker TBC	12.24 - 12.29	Decision Making in Total Hip Arthroplasty in Patients with Down Syndrome Thomas Tilkema
12.30 - 12.35	Evaluation of Early Failure in Modular System: Abg li Recall in a Series of 151 Consecutive Patients Sara Sarti	12.30 - 12.35	The Concept of the Pelvic Vertebra as a Basis for our Approach to Endoprosthetic Replacement of Acetabular Arthrosis in Dysplastic Hip Ljubomir Bogojevski

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KNEE SESSION 9 Revision TKA: Special Challenges		Moderators Lo Ngai Nung Daniel Berry	HIP SESSION 9 Revision Hip Arthroplasty Acetabulum		Moderators Bryan Springer Theofilos Karachalios
14.00 - 14.06	Management of Acute PJI with Two Stage Debridement & Beads	Henry Clarke	14.00 - 14.06	A Brief Overview of Acetabular Revision in 2018	Wayne Paprosky
14.07 - 14.13	One Stage Exchange for PJI after TKA	Farres Haddad	14.07 - 14.13	Long-Term Results of Acetabular Cemented Bone Impaction Grafting	Wim B. Schreurs
14.14 - 14.20	Two Stage Revision with Antibiotic Spacer is the Gold Standard	Arlen Hanssen	14.14 - 14.20	11 Year Mean Follow-Up of Acetabular Impaction Grafting: Bone Graft and Hydroxyapatite Porous Synthetic Bone Substitute	Kareem Abdullah
14.21 - 14.27	Predictors for Success after two Stage Revision TKA	Ashok Rajgopal	14.21 - 14.27	Jumbo Cups: When it works & when it needs Help	George Haidukewych
14.28 - 14.34	Reconstruction after Infection: Technical Notes and Results	Gjis Van Hellemond	14.28 - 14.34	Novel Acetabular Cup for Revision Total Hip Arthroplasty Improves Hip Biomechanics. A radiographic Evaluation	Laura Scholl
14.34 - 14.45	Discussion		14.34 - 14.45	Discussion	
		Moderators William Walter Samih Tarabichi	Femur		Moderators David Lewallen Mazhar Tokgozogl
14.45 - 14.51	The Stiff Knee: Tough to miss but hard to improve	Victor Krebs	14.45 - 14.51	Intraoperative Periprosthetic Fractures: Risk Factors and Management	Carsten Perka
14.52 - 14.58	Management of Failure for Instability	Emmanuel Thienpont	14.52 - 14.58	Results after Femoral Revision with a Modular Taper Stem	Plamen Kinov
14.59 - 15.05	Extensor Mechanism Reconstruction with Mesh	Matthew Abdel	14.59 - 15.05	Fluted Modular Uncemented Stems in More than 500 Hips	Daniel Berry
15.06 - 15.12	Patellar Bone Grafting in Revision TKA	Arlen Hanssen	15.06 - 15.12	Is there a Place of Straight Nonmodular Stems in Femoral Revision Surgery	Christian Götze
15.13 - 15.19	Extensor Mechanism Reconstruction with allografts	Andrea Baldini	15.13 - 15.19	Management of THA Periprosthetic Fractures: 2018	Victor Krebs
15.19 - 15.30	Discussion		15.19 - 15.30	Discussion	
15.30 - 16.00	Closing Remarks				
16.00	Congress Adjourns				