



ICJR

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IN COLLABORATION WITH:



2ND WORLD ARTHROPLASTY CONGRESS

19 - 21 APRIL 2018 | ROME, ITALY



FINAL PROGRAM

THIS CONGRESS IS ENDORSED BY:





Our inaugural World Arthroplasty Congress held in Paris in 2015 was a great success with over 1,200 attendees representing over 68 countries throughout Africa, Asia, Europe, Middle East, North America, Oceania, Russia and South America.

The second World Arthroplasty Congress in Rome will feature a 3-day interactive agenda with international faculty and including podium and ePoster presentations from abstract submissions.

Course Directors

Jean-Noël Argenson Marseille, France	Andrea Baldini Florence, Italy	Arlen Hanssen Rochester, USA	Norman Scott New York, USA
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Program Chairmen

	Knee	Hip
Program Chairs	Andrea Baldini	Arlen Hanssen
Vice-Chairs	Henry Clarke	Luigi Zagra

THURSDAY, 19 APRIL 2018

07.00 - 18.00	Registration				
08.00 - 08.15	Welcome	Andrea Baldini, President EKS Wim Schreurs, President EHS Nom Scott, President ICJR			
ROOM LEPTIS MAGNA			ROOM ORANGE		
KNEE SESSION 1 Alternatives to TKA		Moderators Norman Scott Jean-Noël Argenson	HIP SESSION 1 Taper Corrosion		Moderators Robert Barrack Fares Haddad
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 Tokgozoglu
08.29 - 08.35	01 An Age-Stratified, Propensity Matched Comparison of TKA and Medial Uka	David Murray	08.33 - 08.39	05 Trunion Design and Femoral Head Material affect Fretting Currents in a Simulated Corrosion Model of Hip Replacement	Amanda Wach
08.36 - 08.42	02 Patients with Anteromedial OA achieve the Greatest Improvement in PROMS with TKA	Anders Troelsen	08.40 - 08.46	06 "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 give better Satisfaction and Functional Outcomes ?	Lo Ngai Nung	08.47 - 08.53	07 Trunion Failure and ALTR of the Recalled LFIT Cobalt Chromium Femoral Head	Kenneth Urish
08.50 - 08.56	Replace Everything: Why bother with Less?	Steven MacDonald	08.54 - 09.07	Discussion	
08.56 - 09.07	Discussion				
Evolving Topics		Moderators Jasmeet Singh Saren Chris Dodd	Bearing Surfaces		Moderators Daniel Berry Francesco Falez
09.08 - 09.14	Medial UKA & ACL Reconstruction: Indications & Surgical Pearls	Paolo Advranti	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	08 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	09 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 Parratte	09.36 - 09.42	010 Ceramic-on-Ceramic THA in Developmental Displasia of the Hip. Difficulties and Outcome	Eduardo Garcia-Rey
09.43 - 09.49	03 The Outcome of 2nd Surgery Following Partial Knee Arthroplasty	Amy Garner	09.43 - 10.00	Discussion	
09.49 - 10.00	Discussion				
10.00 - 10.30 Coffee Break in Exhibition Hall					



THURSDAY, 19 APRIL 2018					
ROOM LEPTIS MAGNA			ROOM ORANGE		
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	011 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?	Raymond 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			Complications / Complex Primary THA		
		Moderators John Callaghan Ate Wymenga			Moderators George Haidukewych Christian Delaunay
11.16 - 11.22	Lessons learned from Selective Soft Tissue Balancing	Chris Peters	11.16 - 11.22	Classification and Algorhythm of Treatment of the Dysplastic Hip	Theofilos Karachalios
11.23 - 11.29	The Valgus Knee: Master the Challenge	William Maloney	11.23 - 11.29	012 Is a Short Stem Suitable for Femoral Reconstruction in Patients with Hip Dysplasia?	Martin Buttarò
11.30 - 11.36	04 Managing Severe Deformities without Constraint	Ashok Rajgopal	11.30 - 11.36	THA after Previous Osteotomies	Luigi Zagra
11.37 - 11.43	Constraint in Primary TKA: The New York Experience	Russell Windsor	11.37 - 11.43	013 THA: Doctor, my Leg is Longer: The Importance of Pelvic Obliquity and Spine Deformities in THR	Ahmed Enan
11.44 - 11.50	Gap Balancing Versus Measured Resection: Why I have made my Choice	Bryan Springer	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					

THURSDAY, 19 APRIL 2018					
ROOM LEPTIS MAGNA			ROOM ORANGE		
KNEE SESSION 3 "Best of" - Award Winning Knee Abstract Podium Presentations		Moderators Andrea Baldini Norman Scott	HIP SESSION 3 THA Complications		Moderators Raymond Kim Gösta Ullmark
13.30 - 13.36	014 Is a Surgeon-Defined "Balanced Knee" Following Total Knee Arthroplasty really balanced?	Viktor Krebs	13.30 - 13.36	024 Peri-Prosthetic Fracture following Direct Anterior Approach to Hip Arthroplasty	Hari Bezwada
13.37 - 13.43	015 Predicting Functional and Clinical Outcomes after Revision of a Total Knee Arthroplasty	Koen Defoort	13.37 - 13.43	Direct Anterior Approach: Not so Good	Michael Meneghini
13.44 - 13.50	016 Eighty Percent of Patients undergoing Unicompartmental Knee Arthroplasty will return to Moderate to High-Intensity Sport Activities on Regular Basis	Alexandre Lunebourg	13.44 - 13.50	Periprosthetic Fractures in Cementless THA	Kevin Garvin
13.51 - 13.57	017 Total Knee Kinematics do determine Patient reported Outcomes	Stefaan Van Onsem	13.51 - 13.57	025 Are Parkinson's Disease and Epilepsy associated with Worse Outcomes following THR?	Alex Wojtowicz
13.58 - 14.04	018 Survivorship of Metaphyseal Sleeves in Revision Total Knee Arthroplasty	Ivan De Martino	13.58 - 14.04	026 Is One-Stage Bilateral Total Hip Arthroplasty a safe Procedure for Patients with Avascular Necrosis of Femoral Head?	Afshin Taheriazam
14.05 - 14.11	019 Blood Management in Bilateral Simultaneous Fast-Track Knee Arthroplasty	Matthew Charles Giordano	14.04 - 14.14	Discussion	
14.12 - 14.18	020 Mid to Long Term Outcomes of the Avon Patello-Femoral Joint Replacement	Simon Middleton			
14.19 - 14.35	Discussion				
What's new from comparative Studies at WAC		Moderators Fabio Catani Fares Haddad	Robotic Surgery / Implant Positioning		Moderators Seth Jerabeck Werner Siebert
14.36 - 14.42	021 Computer-Assisted vs Conventionally Operated TKA. A Multicenter Parallel-Group Randomised Controlled Trial	Gunnar Petursson	14.15 - 14.25	How I do a Robotic THA	Douglas Padgett
14.43 - 14.49	022 Anatomic Alignment and Anatomic Tibial Placement Improves Outcomes in TKA	Mark Clatworthy	14.26 - 14.33	027 Mathematical Modeling: A Theoretical Approach to determine in Vivo Hip Joint Instability	Manh Ta
14.50 - 14.56	023 Clinical Results of Bicompartmental Compared to TKA for Knee Osteoarthritis - A Prospective Randomized Study	Andreas Halder	14.34 - 14.41	028 Accuracy of Preoperative Implant Sizing and Positioning Using 3D Preplanning Software for Robotic-Assisted Total Hip Arthroplasty	Jim Nivelos
14.56 - 15.05	Discussion		14.42 - 14.49	029 Does Robotically Assisted Total Hip Arthroplasty result in Superior Clinical Outcomes? A Pair Match-Controlled Study	Laura Scholl
			14.49 - 15.00	Discussion	
15.05 - 15.30 Coffee Break					

THURSDAY, 19 APRIL 2018

ROOM LEPTIS MAGNA			ROOM ORANGE		
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 Viktor Krebs Wim Schreurs		
Revision Acetabulum					
15.30 - 15.36	Pre-Operative Patient Optimization is Critical	Bryan Springer	15.30 - 15.36	Acetabular Removal Techniques	Viktor Krebs
15.37 - 15.43	Does Timing of Surgery after Cortisone or HA Injections matter?	John Callaghan	15.37 - 15.43	A Step-Wise Approach using Augments & a Cup-Cage	David Lewallen
15.44 - 15.50	Intraosseous Administration wins when Prophylactic Vancomycin is indicated	Henry Clarke	15.44 - 15.50	Acetabular Reconstruction for Large Oncologic Resections	Matthew Abdel
15.51 - 15.57	Vancomycin Powder & Betadine Soaks in TKA: All or None?	Richard Iorio	15.51 - 15.57	Managing Pelvic Discontinuity	Wayne Paprosky
15.58 - 16.04	Antibiotic Cement in TKA: The Facts Not Fiction	Susanne Fuchs-Winkelmann	15.58 - 16.15	Discussion	
16.05 - 16.11	Extended Oral Antibiotics reduces Early Post-op Infection in High Risk Patients	Michael Meneghini			
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	Robert Barrack	16.15 - 16.23	Extended Trochanteric Osteotomy in 500 Hips	Daniel Berry
16.29 - 16.35	Tibial Component Rotation: What is the Goal?	Justin Cobb	16.24 - 16.32	Cemented Femoral Revision should be revisited	Michael Dunbar
16.36 - 16.42	Femoral Component Rotation in 2018	Francesco Benazzo	16.33 - 16.41	Using a Contemporary Modular Femoral Revision System	Chris Peters
16.43 - 16.49	Is Bilateral Simultaneous TKA safe?	Sergio Romagnoli	16.42 - 16.50	The Role of Megaprosthesis in Non-Oncologic Femoral Revision	Mazhar Tokgozoglu
16.50 - 17.00	Discussion		16.50 - 17.00	Discussion	
17.00 - 18.30	E-poster presentation (See page 7 - 9)				
18.30 - 19.30	Welcome Reception				

THURSDAY, 19 APRIL 2018

E-POSTER SESSION					
Station 1/KNEE	Moderator: Sebastien Lustig	FOYER	Station 4/HIP	Moderator: Francesco Benazzo	ROOM SABRATHA
17.00 - 17.05	P1 New Instrumentation System for Mobile Bearing Unicompartamental Knee Arthroplasty improves Trainee Surgeons Performance	Andrew Price	17.00 - 17.05	P40 Giant synovial herniation following THA - A case report	Thomas Krueger
17.06 - 17.11	P2 2 Year Results of a Randomised Trial of Robotic Surgical Assistance versus Manual Unicompartamental Knee Arthroplasty	Iona Donnelly	17.06 - 17.11	P41 Pelvic Pseudotumor In a Metal-on-Polyethylene Total Hip Arthroplasty: A Case Report	Flavio Luis Garcia
17.12 - 17.17	P3 Clinical Results and 12-year Survivorship of the Physica ZUK Unicompartamental Knee Replacement James Corbett	James Corbett	17.12 - 17.17	P42 Accelerated Fretting Corrosion Testing of Zirconia Toughened Alumina Composite Ceramic and a New Composition of Ceramised Metal Femoral Heads	Chenxi Li
17.18 - 17.23	P4 EARly Functional Performance of Unicompartamental Knee Arthroplasty compared to Total Knee Arthroplasty	Laura Scholl	17.18 - 17.23	P43 8-Year Minimum Experience with a Titanium Modular Neck Total Hip Arthroplasty	Nikolaos Stavropoulos
17.24 - 17.29	P5 Lateral Unicompartamental Knee Arthroplasty for Osteoarthritis Secondary to Lateral Tibial Fracture is Effective in restoring Function and Relieving Pain	Matteo Marullo	17.24 - 17.29	P44 Establishing a Baseline for Total Hip Retrieval Analysis: A Study of Total Hip Retrievals at Time of Necropsy	William Mihalko
17.30 - 17.35	P6 Instrumentation for Optimal Interference of the Cementless Oxford Unicompartamental Knee Replacement	David Murray	17.30 - 17.35	P45 Audit of the Introduction of High Dose Dual Antibiotic Cement to prevent Surgical Site Infection in Cemented Hemiarthroplasty	Puneet Tailor
17.36 - 17.41	P7 Patellofemoral Arthroplasty in Younger Patients: Are Recreational Activities Feasible?	Manoshi Stoker	17.36 - 17.41	P46 Identification of Alpha-Defensin in the Synovial Fluid with Chronic Knee and Hip Prosthetic Infections using Lc-Maldi-ToF/ToF	Andrea Baldini
17.42 - 17.47	P8 Effects of Coronal Alignment of Uni-Compartmental Knee Arthroplasty on Knee Kinematics using a Computer Simulation	Schinichiro Nakamura	17.42 - 17.47	P47 Modified One-Stage Revision Arthroplasty May Be Effective in Treating Periprosthetic Joint Infection	Ahmed Siddiqi
17.48 - 17.53	P9 Mobile Bearing Leads to Less Proximal Medial Tibial Strain following Uka in comparison with Fixed Bearing in a Cadaver Setup	Geert Peersman	17.48 - 17.53	P48 Effectiveness of an easy "Biofilm Prevention Protocol"	Joris Dendooven
17.54 - 17.59	P10 The Functional Outcomes of Unicompartamental Knee Replacement, Comparison between Fix and Mobile Bearing Prosthesis	Jeroslaw Szyszka	17.54 - 17.59	P49 Outcome of Hip and Knee Periprosthetic Joint Infections caused by Pathogens Resistant to Biofilm-Active Antibiotics	Doruk Akgun
18.00 - 18.05	P11 Patellofemoral Osteoarthritis should not be considered a Contraindication in Domed Lateral Knee Replacement	James Kennedy	18.00 - 18.05	P50 Treatment of Periprosthetic Knee Infection with a two-stage Protocol using the Hofmann's Spacer	Vincenzo Franceschini
18.06 - 18.11	P12 Bearing Dislocation with the Oxford Medial Uka - Rate of Occurrence and Successful Management	Andrew Price	18.06 - 18.11	P51 PJI Detection with Sonication for Removed Orthopaedic Implants	Bostjan Kocjancic
18.12 - 18.17	P13 The Learning Curve in Oxford Unicompartamental Knee Arthroplasty: Indian Experience	Sanjeev Gokhale	18.12 - 18.17	P52 Extended Oral Antibiotic Prophylaxis in High Risk Patients substantially reduces Primary Total Hip and Knee	Michael Meneghini

THURSDAY, 19 APRIL 2018

E-POSTER SESSION					
Station 2/KNEE	Moderator: David Murray	ROOM MILETO	Station 5/HIP	Moderator: Warwick Bruce	ROOM EFESO
17.00 - 17.05	P14 Conservative Management of Knee Osteoarthritis using Platelet-Rich-Plasma: A systematic review and meta-analysis	Geoff Crozier-Shaw	17.00 - 17.05	P53 Restoration of Native Hip Geometry after Hip Resurfacing Arthroplasty	Jan Vanlommel
17.06 - 17.11	P15 Comparing the Lower Limb Strength after Total and Unicompartmental Knee Arthroplasty	Stefan Breugem	17.06 - 17.11	P54 Risk Factors for Increased Sagittal Pelvic Rotation in Patients Requiring Total Hip Replacement	Jonathan Vigdorchik
17.12 - 17.17	P16 The Short Term Outcome of Open Wedge Tibial Osteotomy using Bone Graft Substitute (Frabone) and Allogeneous Bone Graft	Eusung Choi	17.12 - 17.17	P55 Pre-Operative Assessment of the Variation in Supine to Standing Pelvic Tilt using Ct and Standing Lateral Imaging	Peter Abitante
17.18 - 17.23	P17 Unicompartmental Knee Prostheses to Treat Postmeniscectomy Knee Arthritis in Women between 50 and 70 Years Old	Federico D'Amario	17.18 - 17.23	P56 Analysis of Pelvic Parameters before and after Total Hip Arthroplasty using Standing Full Body Eos Radiographs	Aymard De Ladoucette
17.24 - 17.29	P18 Patient Reported and Clinical Outcomes of Robotic-Arm Assisted Unicompartmental Knee Arthroplasty: Minimum Two Year Follow-Up	J. Melvin Deese	17.24 - 17.29	P57 Novel Theoretical Assessment of Cup Positioning and Joint Stability in THA	Manh Ta
17.30 - 17.35	P19 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	P58 Dual Mobility Shell providing improved Clinical Outcomes with no Dislocations	Kipling Sharpe
17.36 - 17.41	P20 Metaphyseal Fixation in Cemented and Cementless Oxford Partial Knee Replacement: Preliminary Results of a Prospective Spect/Ct Study	Lucas Beckers	17.36 - 17.41	P59 Early Results of Dual Mobility Total Hip Arthroplasty in Acute Trochanteric Fractures	Hany Elsayed
17.42 - 17.47	P21 Unique Radio System in Total Knee Prosthesis: 7 Years of Clinical and Functional Results	Adrian Barrera	17.42 - 17.47	P60 Is the Wear of the Dual Mobility Cup Inferior or Superior of the Conventional Cup over a standard In Vitro Test?	André Ferreira
17.48 - 17.53	P22 The Influence of TKA Design on Frontal Plane Laxity and Collateral Ligament Strain: An Ex Vivo Investigation within a Single Implant Line	Pieter Berger	17.48 - 17.53	P61 Dual Mobility Cups for Recurrent Dislocation of Total Hip Arthroplasty	Afshin Taheriazam
17.54 - 17.59	P23 Coronal Flexion Alignment in Osteoarthritic Knees	Jef Neiryneck	17.54 - 17.59	P62 Five Year Follow-up Clinical Outcomes with an Anatomic Dual Mobility (ADM) Acetabular System: A Multicenter Study	Colleen Riley
18.00 - 18.05	P24 In Vivo Kinematics for Subjects having a PS TKA With a Gradually Reducing Condyle Radius	Ian Zeller	18.00 - 18.05	P63 The Cost-Effectiveness of Dual-Mobility in a Spine Fusion Population with High-Risk of Dislocation	James Slover
18.06 - 18.11	P25 Prognostic Factors influencing Outcomes of Mobile Bearing Total Knee Arthroplasty	Federica Rosso	18.06 - 18.11	P64 Electromagnetic Navigation System for Cup Placement in Total Hip Arthroplasty is more Accurate than Free-Hand Technique	Rene Mihalič

THURSDAY, 19 APRIL 2018

E-POSTER SESSION					
Station 3/KNEE	Moderator: Ashok Rajgopal	ROOM HAMA	Station 6/HIP	Moderator: Wim Schreurs	ROOM MERIDA
17.00 - 17.05	P26 Primary Constrained and Hinged Total Knee Arthroplasty - Revision Risk and Causes of Revision	Mona Badawy	17.00 - 17.05	P65 The Posterior Approach Reduces the Risk of Sagittal Mal-positioning of a Short Tapered Stem	Abdulrahman Algarni
17.06 - 17.11	P27 MCL reconstruction in revision TKA	Claudio Zorzi	17.06 - 17.11	P66 The Neck Sparing Implant inserted by an Anterior Approach: Technique and Results	Anthony Unger
17.12 - 17.17	P28 "2-in-1" Single Stage Revision for the Infected Total Knee Replacement	Kenan Dehene	17.12 - 17.17	P67 The Fate of Sagittal Alignment and Femoral Filling in Tapered Cementless Stems in Total Hip Arthroplasty	Eduardo Garcia-Rey
17.18 - 17.23	P29 Relationship between Self-Reported and Performance-Based Tests in Assessment of Patients with Revision Total Knee Arthroplasty	Vasfi Karatosun	17.18 - 17.23	P68 Modern Press-Fit Stem Design Concept Accurately Allows Surgeons to Recreate Patient Biomechanics	Alana Levine
17.24 - 17.29	P30 Causes of Revision in Total Knee Arthroplasty (Rtka) in Patients aged 80 Years or older	Sergio González Rouse	17.24 - 17.29	P69 Metal-on-Metal Hip resurfacing Outcomes at a minimum Follow-Up of 10 Years: A Systematic Review	Riccardo Orsini
17.30 - 17.35	P31 Patellar Tendon Rupture following Total Knee Arthroplasty	Steven Heer	17.30 - 17.35	P70 Implantation of Short Stem Hip Prosthesis Type Aida using a Minimally Invasive Anterolateral Approach	Mohamed Elkabbani
17.36 - 17.41	P32 Extensor Mechanism Rupture in Primary TKA	Ifran Nadia	17.36 - 17.41	P71 Do Short Stem Total Hip Replacements enable a Superior Functional Performance	Anatole Wiik
17.42 - 17.47	P33 Custom made Polyethylene Liner to correct Tibial Component Malalignment in a Case with Proximal Tibial Deformity	Claes Blom	17.42 - 17.47	P72 "Femoral Blaze" Phenomenon in Cementless Total Hip Arthroplasty (THA) - All Smoke and no Fire?	Mohit Bansal
17.48 - 17.53	P34 Local Bio-absorbable Antibiotic Delivery in Calcium Sulfate Beads in Hip and Knee Arthroplasty	Zachary Lum	17.48 - 17.53	P73 Hybrid Total Hip Arthroplasty for Multiple Epiphyseal Dysplasia: Mid-Term Follow Up	Jan Vanlommel
17.54 - 17.59	P35 Heterotopic Ossification in a Total Knee Arthroplasty	Dereck Marske	17.54 - 17.59	P74 Thigh Stem Pain after Total Hip Arthroplasty with Short Proximal Porous Hip Stem - An Early Follow-Up	Remy Coulomb
18.00 - 18.05	P36 Knee-Spine Syndrome: The Effect on the Sagittal Balance after Total Knee Arthroplasty	Daniele Vanni	18.00 - 18.05	P75 Excellent Long-Term Outcomes of a Triple Taper Femoral Stem for Cementless Total Hip Replacement	Alain Cypres
18.06 - 18.11	P37 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	18.06 - 18.11	P76 A Copy is not the Same: Alarming High Rates of Implant Fracture of a Polished Tapered Femoral Stem	Stijn Ghiselsings
18.12 - 18.17	P38 Evaluation of Extensor Mechanism in Revision Knee Arthroplasty With Quadriceps-plasty	Vadym Zhamilov	18.12 - 18.17	P77 Fatigue Failure of Femoral Stem After Total Hip Arthroplasty	Timothy Ekpo
18.18 - 18.23	P39 Moderate effect of isolated polyethylene insert exchange for instability after TKA; A retrospective cohort study with stress radiographs	Nienke Kosse	18.18 - 18.23	P78 Superpath Technique in Primary Hip Arthroplasty. Video Technique and Results about more than 100 Cases	Vittorio Bellotti
			18.24 - 18.29	P79 Long Term Outcome of Total Hip Arthroplasty for Osteonecrosis Secondary to Sickle Cell Disease	Mohamed Zubair Farook



FRIDAY, 20 APRIL 2018

ROOM LEPTIS MAGNA		
07.20 - 08.00	General Assembly (Only accessible for EKS members)	
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	O30 Efficacy of Multimodal Cocktail Periarthicular Injection in Total Knee Arthroplasty: A Prospective Randomized Double-Blind Controlled Trial	Muhammad Nagieb
08.27 - 08.40	Discussion	
Thromboprophylaxis		
		Moderators Henrik Husted Johan Kärrholm
08.40 - 08.46	Thromboprophylaxis: 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	O31 Extended Venous Thromboembolism Prophylaxis comparing Rivaroxaban to Aspirin following Total Hip and Knee Arthroplasty (EPCAT II)	Michael 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	O32 Minor Infection Criteria - Do they have an Impact on the Outcome?	Kevin Staats
09.34 - 09.40	O33 Continuation of Antibiotic Therapy in the Treatment of PJI Undergoing Two Stage Exchange can reduce Recurrence	Tiziana Ascione
09.41 - 09.47	O34 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	

FRIDAY, 20 APRIL 2018

ROOM LEPTIS MAGNA		
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	O35 Comparison of Outcome and Gait Analysis after Robotic TKA between Mechanical and Kinematic Knee Alignment Methods with Average 8 Years Follow Up	Kyu-Jin Cho
10.44 - 10.50	O36 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	O37 Does Intraoperative Robotic TKA Alignment Correlate with Standing Long Leg Postoperative Alignment?	Martin Roche
10.58 - 11.04	O38 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?	Richard Komistek
11.23 - 11.29	O39 Active Robotics for Total Knee Arthroplasty: Technique and Early Clinical Outcomes	William Long
11.30 - 11.36	O40 Handheld Navigation for Direct Anterior Total Hip Arthroplasty Cup Placement	Edwin Su
11.37 - 11.43	O41 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	



FRIDAY, 20 APRIL 2018

ROOM LEPTIS MAGNA		ROOM ORANGE	
KNEE SESSION 5 Technology in TKA		HIP SESSION 5 Miscellaneous Topics	
Moderators Sebastian Parratte Arun Mullaji		Moderators John Callaghan Jean Noel Argenson	
13.30 - 13.36	What I have learned from Computer Navigation in TKR and the Australian Experience	Warwick Bruce	13.30 - 13.36 Hip Preservation or THA? Chris Peters
13.37 - 13.43	Computer Navigation in TKA	Nicolaas 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	042 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?	Steven 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 - 14.06 047 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	043 Clinical Performance of a Novel 3D Printed Titanium Tibial Baseplate - 2-4 Year Follow-Up	Manoshi Stoker	14.07 - 14.13 048 Impaction Force Influences Taper-Trunnion Stability in Total Hip Arthroplasty Colleen Riley
14.28 - 14.34	044 Use of Highly Crosslinked Poly in TKA did not compromise 10 Years Results	Philippe Massin	14.14 - 14.20 049 Short-Term Outcomes with a Monolithic, Tapered, Fluted, Grit-Blasted, Forged Titanium Revision Femoral Stem Jonathan Vigdorichik
14.35 - 14.41	The Role of Technology in improving Value in TKA	Richard Iorio	14.21 - 14.27 050 Dual-mobility Bearings for Patients with Abductor-Trochanteric Complex Insufficiency Goksel Dikmen
14.41 - 15.00	Discussion	14.28 - 14.34	051 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	052 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	053 Offset Restoration in short and conventional Stems using Digital Templating Sheryl de Waard
		14.49 - 14.55	054 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		

FRIDAY, 20 APRIL 2018

ROOM LEPTIS MAGNA		ROOM ORANGE	
KNEE SESSION 6 Knee Case and Video Presentations		HIP SESSION 6 Primary Hip Arthroplasty Topics	
Moderators Susanne Fuchs-Winkelmann Jan Victor		Moderators Douglas Padgett Johan Kärrholm	
Case Presentations with Discussion			
15.30 - 15.37	045 Tibiofemoral Movement in Living Knee with Full Flexion after Total Knee Arthroplasty	Samih Tarabichi	15.30 - 15.36 Femoral Stem Design is important in obese Patients Eleftherios Tsiridis
15.38 - 15.45	Management of the Hyperextended TKA	Jasmeet Singh Saren	15.37 - 15.43 055 Long Term Results of a Cementless Total Hip Arthroplasty using Bilayer Coating and Ceramic Bearings André Ferreira
15.46 - 15.53	Extensor Mechanism Reconstruction with Autologous Tissue	Ashok Rajgopal	15.44 - 15.50 056 Influence of Femoral Broach Shape on Stem Alignment using Direct Anterior Approach for Total Hip Arthroplasty Sebastien Lustig
15.54 - 16.01	The Case for Bicompartamental Knee Arthroplasty	David Barrett	15.51 - 15.57 057 Primary Total Hip Replacement with Use of Cemented Exeter Short Stems Wim Rijnen
16.02 - 16.09	Windswept Deformity Correction with TKA	Arun Mullaji	15.58 - 16.04 058 Undersizing an uncemented Stem in Total Hip Arthroplasty - Does it matter? Merzesh Magra
16.10 - 16.17	TKA in Post-Traumatic OA	Robert Hube	16.05 - 16.11 Can a Cementless Femoral Stem avoid Calcar Stress Shielding? Robert Barrack
		16.12 - 16.19	Discussion
Video Presentations		Outcomes / Complications	
Moderators David Dalury David Barrett		Moderators Michael Meneghini Per Kjesgaard Andersen	
16.20 - 16.26	Detrimental Role of Overhanging Components in TKA	Michel Bonnin	16.20 - 16.26 Direct Anterior vs Posterior Approach: A RCT Showing limited Benefits Mark Pagnano
16.27 - 16.33	Controlling PCL Tension in Cruciate Retaining TKA	Ate Wymenga	16.27 - 16.33 Short Term Complication Rates following Outpatient THA Rich Iorio
16.34 - 16.40	Implant Design and Sagittal Stability in TKA	William Walter	16.34 - 16.40 Acetabular Component Position does not influence Wear of HXLPE Steven MacDonald
16.41 - 16.47	Pitfalls in Femoral Component Positioning to Preserve the Joint Line	Jan Victor	16.41 - 16.47 059 Evidence-Based Thresholds for the Volume-Value Relationship in Hip Arthroplasty: Outcomes and Economies of Scale Prem Ramkumar
16.48 - 16.54	046 The Pathological Anatomy of the Postero-Medial Corner Complex in Severe Osteoarthritis	Amr Osman	16.48 - 16.54 060 Novel Index 'Leg Extension Ratio' is very effective for Prevention of Sciatic Nerve Paralysis in THA Kazutaka Takada
16.54 - 17.00	Discussion	16.54 - 17.00	Discussion
17.00 - 18.30	ePoster Presentations (See page 14 - 16)		
19.30	WAC Congress Dinner		



FRIDAY, 20 APRIL 2018

E-POSTER SESSION					
Station 1/KNEE	Moderator: Aree Tanavalee	FOYER	Station 4/HIP	Moderator: Nicolaas Budhiparama	ROOM SABRATHA
17.00 - 17.05	P80 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	P115 Self-reported Marijuana Use in Patients Undergoing Total Joint Arthroplasty	Jason Jennings
17.06 - 17.11	P81 Effectiveness of Bupivacaine Liposome Injectable Suspension for Postoperative Pain Control in Total Knee Arthroplasty: A Prospective, Randomized, Double Blind, Controlled Study	Jeffrey DeClaire	17.06 - 17.11	P116 Pakistan National Joint Registry as a Success Model in South Asia	Arsalan Ghazi
17.12 - 17.17	P82 Thromboprophylaxis after Hip and Knee Arthroplasty: Is Aspirin an Effective and Safe Solution? A Retrospective Comparative Study	Arnaud Fischbacher	17.12 - 17.17	P117 Is your Phone Bugged? A Comparison of Microorganism Load on Smartphones	David Ferguson
17.18 - 17.23	P83 Tissue Adhesive for Wound Closure Reduces Immediate Postoperative Wound Oozing - A Randomized Controlled Study in Simultaneous Bilateral Total Knee Arthroplasty	Kirill Gromov	17.18 - 17.23	P118 A Holistic Approach to optimize the Pain Management Strategy after TKA and THA: A Prospective Observational Report	Philippe Van Overschelde
17.24 - 17.29	P84 Bleeding, complications and surgery time: Patient-specific instruments vs conventional total knee arthroplasty	Thomas Heyse	17.24 - 17.29	P119 Oral Rivaroxaban for Japanese Patients with Asymptomatic Venous Thrombosis following Hip or Knee Arthroplasty	Masaki Mizushima
17.30 - 17.35	P85 Pain and tourniquet use in TKA, what is the evidence? A systematic review and meta-analysis	Shu Yang Hu	17.30 - 17.35	P120 Return to Sport after Bilateral Single Stage THA	Sébastien Lustig
17.36 - 17.41	P86 Medial Parapatellar versus Subvastus Approach in Total Knee Arthroplasty	Rapriyasad Kattimani	17.36 - 17.41	P121 A Novel 4D Navigation Device for Acetabular Cup Positioning in Total Hip Arthroplasty	William Walter
17.42 - 17.47	P87 Perioperative Blood Loss Control with a Combined Method of Tranexamic Acid Administration in Total Knee Arthroplasty	Evangelous Papadimitrou	17.42 - 17.47	P122 Early Function Comparison of Robotic-Arm Assisted Unicompartmental Knee Arthroplasty and Total Knee Arthroplasty	Anton Khlopas
17.48 - 17.53	P88 Pre-Operative Patient Education in Total Knee Arthroplasty. Its Impact on Length of Stay	Tomaz Silvester	17.48 - 17.53	P123 Femoral Neck Fractures: The Paradigm Shift towards Total Hip Arthroplasty? A 5 Year Retrospective Review	Sanjiv Rampal
17.54 - 17.59	P89 Effectiveness of Intra-Articular Administration of Tranexamic Acid during Primary Total Knee Arthroplasty in Patients with Cardiovascular Comorbidity	Sladjan Timotijevic	17.54 - 17.59	P124 Comparison of Clinical and Radiologic Results Between Modified Watson-Jones and Hardinge Approach in Bipolar Hemiarthroplasty	Sin Hyung Park
18.00 - 18.05	P90 A Prospective, Randomized, Comparative Study of Intravenous alone and combined Intravenous and Intraarticular Administration of Tranexamic Acid in Primary Total Knee Replacement	Sebastiano Vasta	18.00 - 18.05	P125 Direct Anterior Approach Total Hip Arthroplasty in the Retained Hardware Patients	Phonthakorn Panichkul
			18.06 - 18.11	P126 No Difference in 3 month Patient Reported Outcomes in DA vs PATHA's	Derek Marske
			18.12 - 18.17	P127 In Vivo Kinematics of Normal and Degenerative Hip Joints	Manh Ta
			18.18 - 18.23	P128 Retrospective Chart Review of Hip Function after Arthroscopic Iliopsoas Tenotomy in Patients with Total Hip Arthroplasty	Misty Suri

FRIDAY, 20 APRIL 2018

E-POSTER SESSION					
Station 2/KNEE	Moderator: Andrew Toms	ROOM MILETO	Station 5/HIP	Moderator: Werner Siebert	ROOM EFESO
17.00 - 17.05	P91 Novel Modified Instrumented Kinematic Alignment Surgical Technique for Natural Total Knee Arthroplasty	Yaron Bar Ziv	17.00 - 17.05	P129 "Dual Diagnosis" as a Risk Factor For Complications in Total Joint Arthroplasty	Andrew Apple
17.06 - 17.11	P92 Patient specific Instrumentation vs standard Technique for Total Knee Replacement: A Comparison of Five Year Clinical Outcomes	Andrew Davies	17.06 - 17.11	P130 Insurance Status Predicts Morbidity, Mortality, and Cost in Revision Total Joint Arthroplasty	Blake Eyberg
17.12 - 17.17	P93 Fifteen Year Survival Rate after Navigated Total Knee Arthroplasty	Jean-Yves Jenny	17.12 - 17.17	P131 Predictors of Financial Loss for Femoral Neck Fracture Patients Undergoing Total Hip Replacement in the Bundled Payment for Care Improvement (BPCI) Initiative	Trevor Grace
17.18 - 17.23	P94 Planning on Ct-Based 3D Virtual Models can accurately predict the Component Size for TKA	Vincente J León-Muñoz	17.18 - 17.23	P132 Soft tissue balancing in primary total hip arthroplasty: A series of 100 consecutive patients	Weixing Ho
17.24 - 17.29	P95 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	17.24 - 17.29	P133 A Novel Method of identifying Nerve Injury during Total Hip Arthroplasty	Goksel Dikmen
17.30 - 17.35	P96 Sizing and Alignment Accuracy of a Ct-Based Customised Cutting Block in Primary Total Knee Arthroplasty	Stylianios Papalexandris	17.30 - 17.35	P134 Midterm Clinical Results and Quality of Life after Revision Total Hip Arthroplasty	Antonios Koutalos
17.36 - 17.41	P97 Muscular Recovery and Activity Levels after Total Knee Arthroplasty: Conventional vs. Kinematic-Retaining Knee Prostheses	Thomas Paszicsnyek	17.36 - 17.41	P135 Revision Hip Arthroplasty for Massive Acetabular Defects-The Cup-Cage Technique in a Case Series with Medium to Long-Term Follow-Up	Dan Arvinte
17.42 - 17.47	P98 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	P99 Minor Adaptations in Implant Design Bicruciate-Substituted Total Knee System Improve Maximal Flexion	Nienke Kosse			
17.54 - 17.59	P100 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	P101 Early Recovery Rate after a New Design Total Knee Arthroplasty (TKA): A Prospective, Multicenter Cohort Of 200 Cases	Geert Meermans			
18.06 - 18.11	P102 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	P103 Quadriceps Recovery after Minimally Invasive Total Knee Arthroplasty	Emmanuel Marchetti			
18.18 - 18.23	P104 An Examination of the Effect of the Posterior Cruciate Ligaments on Chair Rising Function in Patients with Total Knee Arthroplasty	Vasfi Karatosun			

FRIDAY, 20 APRIL 2018

E-POSTER SESSION					
Station 3/KNEE	Moderator: Sam Tarabichi	ROOM HAMA	Station 6/HIP	Moderator: Wayne Paprosky	ROOM MERIDA
17.00 - 17.05	P105 Micromotion Of A Cemented Hinged Type Knee Revision System With Model-Based Rsa	Malou te Molder	17.00 - 17.05	P136 The Fate of Zone 2 Radiolucencies in Contemporary Highly-Porous Acetabular Components	Michael Meneghini
17.06 - 17.11	P106 Abnormally High Rate of Early Aseptic Loosening of the Tibial Component after Attune Total Knee Arthroplasty. Is It a Prelude to a Catastrophic Scenario?	Massimiliano Salvi	17.06 - 17.11	P137 A Novel Acetabular Reaming Guide in total Hip Arthroplasty of Severe Dysplasia Cases	Atsushi Funayama
17.12 - 17.17	P107 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	17.12 - 17.17	P138 Outcome in Revision Surgeries of Hip Resurfacing	Riccardo Orsini
17.18 - 17.23	P108 Does Implant Fixation affect Patient Satisfaction in Early Follow-Up of Primary Total Knee Arthroplasty?	Kipling Sharpe	17.18 - 17.23	P139 Modified Autobanking of Femoral Head for Revision Hip Arthroplasty	Flavio Luis Garcia
17.24 - 17.29	P109 Infection is the main Reason for Revision Knee Arthroplasty in China	Qiheng Tang	17.24 - 17.29	P140 Uncemented Total Hip Arthroplasty with Reconstruction of Acetabular Defects in Posttraumatic OA	Stanislav Bondarenko
17.30 - 17.35	P110 CRP (C Reactive Protein) level after Total Knee Replacement in Indian Population- Does it follow Anglo-Saxon Trend ?	Sanjay Ionche	17.30 - 17.35	P141 7-Years Follow-Up after Reconstruction of Large Bone Acetabular Defects in Revision Hip Arthroplasty	Stanislav Milev
17.36 - 17.41	P111 Primary Total Knee Arthroplasty in Patients unable to walk due to Severe Tibial Bone Defect and Instability	Gianluca Cinotti	17.36 - 17.41	P142 Cementless Acetabular Reconstruction with Porous Material: 8 Years Experience with Trabecular Titanium in Revision Surgeries	Loris Perticarini
17.42 - 17.47	P112 Outcomes of Asymmetric Tibial Coronal Recut for balancing Total Knee Prosthesis	Gabriel Stan	17.42 - 17.47	P143 Trabecular Metal Augments with Cemented Cups in the Management of Acetabular Defects	Ahmed Ebied
17.48 - 17.53	P113 A Consultation Phone Service for Total Joint Arthroplasty Patients may reduce Emergency Department Visits	Rami Madanat	17.48 - 17.53	P144 Positioning of in Custom-Made Implants by Revision Hip Arthroplasty: Do they really Apply as a "Key to the Lock"?	Rashid Tikhilov
17.54 - 17.59	P114 Increased Patellar Complication Rate in TKA with Pre-Operative Varus greater than 15°: A Case-Control Study	Sébastien Lustig	17.54 - 17.59	P145 Impaction Bone Grafting of Acetabular Defects in Total Hip Arthroplasties - Factors and Short-Term Outcomes	Sanjiv Rampal
			18.00 - 18.05	P146 Trabecular Titanium Cups in severe Acetabular Defects Revision Surgery. Techniques and Results	Vittorio Bellotti
			18.06 - 18.11	P147 Lesional Treatment for Osteolysis around Well-Fixed Shells- A Case Series	Dan Arvinte
			18.12 - 18.17	P148 Acute Myocardial Infarction following Revision Total Hip Arthroplasty: Incidence and Risk Factors	Matthew Best

SATURDAY, 21 APRIL 2018

ROOM LEPTIS MAGNA		ROOM ORANGE	
KNEE SESSION 7 Improving Outcomes: It is not just Surgical Technique		HIP SESSION 7 Hip Instability	
Improving Fixation and Reducing Wear		Prevention Strategies	
08.00 - 08.06	What is the Role of Cross Linked Poly in TKA	Douglas Padgett	08.00 - 08.06 Hip / Spine Relationships and THA Surgical Considerations
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
08.14 - 08.20	Cemented versus Uncemented Fixation: Lessons from Registries	Johan Kärrholm	08.14 - 08.20 Tracking Pelvic Movement during Hip Replacement Surgery
08.21 - 08.27	061 Tibial Baseplate Fixation Strength Varies with Timing of Cementation	William Mihalko	08.21 - 08.27 A Repaired Posterior Hip Capsule 068 improves Stability when combined with Anatomic Femoral Head Size after Hip Arthroplasty
08.28 - 08.34	Lessons from the Registries: Data not Conjecture	Daniel Berry	08.28 - 08.34 069 The Lumbo-Pelvic Complex Kinematics influences the Risk of Prosthetic Hip Dislocation: A Case-Control Study
08.34 - 08.44	Discussion		08.35 - 08.41 Dual Mobility RSA Outcomes
			08.42 - 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
08.52 - 08.58	Tourniquet less TKA	Raymond 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 - 09.13 070 Haptically Guided Robotic-Assisted Technology can accurately position Acetabular Components in Anterior Total Hip Arthroplasty
09.13 - 09.19	062 Significant Physical Prevention of Venous Thromboembolism with Intermittent Calf Massage and Passive Ankle Motion in Total Hip Arthroplasty	Takeshi Kimura	09.14 - 09.20 071 Cost Analysis of Dual-Mobility Vs. Large Femoral Head Constructs in Revision Total Hip Arthroplasty
09.19 - 09.25	Discussion		09.21 - 09.27 Is there any adverse Effect in the Use of DM Metal Liners?



SATURDAY, 21 APRIL 2018

ROOM LEPTIS MAGNA		ROOM ORANGE	
Biomechanics: From Bench-to-Bedside		Treatment of Instability	
Moderators David Barrett Anders Troelsen		Moderators William Maloney Luigi Zagra	
09.25 - 09.31	063 In Vivo Kinematic Comparison for Subjects Having a Bi-Cruciate Substituting TKA vs the Normal Knee	09.28 - 09.34	072 Fatigue Testing of a Dual Mobility Insert against Edge-Worn Birmingham Hip Resurfacing Cups
09.32 - 09.38	064 Multi-Center Evaluation of Knee Kinematics during different Activities for Anatomic Total Knee Design	09.35 - 09.41	073 Impingement in Dual Mobility vs. Fixed Bearing Liners: A Retrieval Study
09.39 - 09.45	065 A finite Element Study on Overloading of the Reconstructed Tibia during Activities of Daily Living	09.42 - 09.48	074 Contemporary Dual Mobility Head Penetration at Five Years: Are there Concerns With Additional Interfaces For Wear?
09.46 - 09.52	066 Biomechanical Investigation of the Use of Augments and Stems in Revision TKA	09.48 - 10.00	Discussion
09.52 - 10.00	Discussion		
10.00 - 10.30 Coffee Break in Exhibition Hall			
KNEE SESSION 8 Revision TKA The Basics		HIP SESSION 8 Long-Term Follow-Up THA	
Moderators Andrea Baldini Carsten Perka		Moderators Chris Peters Gösta Ullmark	
10.30 - 10.36	Why Knees fail	10.30 - 10.36	Ten Year Results of HXLPE
10.37 - 10.43	Pre-operative Planning in Revision TKA	10.37 - 10.43	Delta on Delta Ceramic: 10 Year Results
10.44 - 10.50	Removing the Components	10.44 - 10.50	075 Unsealed Holes in the Cup are a Risk Factor for Acetabular Osteolysis in Uncemented THA
10.51 - 10.57	Flexion Instability: Often missed but reliable Solution	10.51 - 10.57	Rationale and technique of hybrid revision stem technique
10.58 - 11.04	Constraint in Revision TKA	10.58 - 11.04	Classification and Results of short Stems
11.04 - 11.15	Discussion		
Moderators Russell Windsor Michel Bonnin		Altered Local Tissue Reactions	
Moderators Steven MacDonald Carsten Perka		Moderators Steven MacDonald Carsten Perka	
11.16 - 11.22	Cemented Stems	11.16 - 11.22	When do you recommend Revision for ALTR?
11.23 - 11.29	Uncemented Stems	11.23 - 11.29	Do we need to update the European Recommendations on Met-Met Implants?
11.30 - 11.36	It is Metaphyseal Fixation that Counts: Technical Pearls	11.30 - 11.36	Retrieval Analysis of Metal on Metal THR
11.37 - 11.43	067 Metaphyseal Sleeves in Revision TKA: Minimum Seven-Year Follow Up	11.37 - 11.43	076 Modular Junction may be more Problematic than Bearing Wear in Meta-on-Metal Total Hip Arthroplasty
11.44 - 11.50	Joint Line Restoration in Revision TKA: is always mandatory?	11.44 - 11.50	077 Revisions of Modular Metal-on-Metal Total Hip Arthroplasty have high early Complication Rates
11.50 - 12.00	Discussion		
12.00 - 12.30 ePoster Presentations (see page 19)			
12.30 - 14.00 EKS Board Meeting (Only accessible for EKS Board Members)			
12.30 - 14.00 Lunch & Industry Workshops			

SATURDAY, 21 APRIL 2018

E-POSTER SESSION					
Station 1	Moderator: Martin Buttaro	FOYER	Station 4	Moderator: Gösta Ullmark	ROOM SABRATHA
12.00 - 12.05	P149 Short-Term Outcome Evaluation of Total Knee Replacement using Patient Matched Instrumentation	Demos Neophytou	12.00 - 12.05	P163 Influence of System Compliance on Initial Taper Stability	Eric Garling
12.06 - 12.11	P150 A Single-Use Nylon Arthroplasty Guide: A Preliminary Study	Oliver Boughton	12.06 - 12.11	P164 Comparison of Hydroxyapatite and Titanium Foam Coated Acetabular Cups in Primary Total Hip Arthroplasty	Jim Nevelos
12.12 - 12.17	P151 Accelerometer Based Navigation in TKA for Management of Extra-Articular Deformity: Analysis of Component Alignment	Andrea Cozzi Lepri	12.12 - 12.17	P165 Acute prosthesis of acetabular fractures	Alessio Ciuffoletti
12.18 - 12.23	P152 PSI Usefull or just Marketing?	Cesare Chemello	12.18 - 12.23	P166 Serious BCIS in Cemented Hemiarthroplasty - A Series of Four Cases	Renate Krassnig
Station 2	Moderator: Theofilos Karachalios	ROOM MILETO	Station 5	Moderator: William Walter	ROOM EFESO
12.00 - 12.05	P153 Unicompartmental Knee Arthroplasty: 2-Years Follow-Up, Results and Complications	Bárbara Sotelo Sevillano	12.00 - 12.05	P167 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	P154 One-Stage Combined Hip and Knee Arthroplasty	Stefano Petrillo	12.06 - 12.11	P168 Aseptic Joint Loosening and the Diagnostic Role of Implant Sonication	Bostjan Kocjancic
12.12 - 12.17	P155 Primary TKR and functional Outcomes of Patients with Lymphedema	Nasiur Rehman	12.12 - 12.17	P169 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	P156 Changes in Knee Ligament Insertion Bone Density with Osteoarthritis	Eric Garling	12.18 - 12.23	P170 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	P157 Patient Satisfaction after Primary Total Hip Arthroplasty: Can the Bar be raised? A Systematic Literature Review with Meta-Analysis	Edward Davis			
Station 3	Moderator: George Haidukewych	ROOM HAMA	Station 6	Moderator: Theofilos Karachalios	ROOM MERIDA
12.00 - 12.05	P158 Safety and Efficacy of Ceramic on Ceramic Total Hip Replacement	Edward Davis	12.00 - 12.05	P171 Pathologic Fracture of Acetabulum because a Giant Solitary Bone Plasmacytoma - A Challenge for Hip Arthroplasty	Hugo Fernandes
12.06 - 12.11	P159 Superior in situ THP: Video Technique and Preliminary Results	Wouter Sioen	12.06 - 12.11	P172 The Implant of Double Conical Tapered Hip Stem on Human Femur: Ex-Vivo and Finite Element Analysis	Loris Perticarini
12.12 - 12.17	P160 Three-Year Outcomes of a Highly Porous Acetabular Shell in Primary Total Hip Arthroplasty	Alana Levine	12.12 - 12.17	P173 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	P161 A new Surgical Technique to the Positioning of Hip Prosthetic Implants: The Medial-Inguinal Approach	Luca Lucente	12.18 - 12.23	P174 The Concept of the Pelvic Vertebra as a Basis for our Approach to Endoprosthetic Replacement of Acetabular Arthrosis in Dysplastic Hip	Ljubomir Bogojevski
12.24 - 12.29	P162 Evaluation of Early Failure in Modular System: Abg li Recall in a Series of 151 Consecutive Patients	Sara Sarti			

SATURDAY, 21 APRIL 2018

ROOM LEPTIS MAGNA			ROOM ORANGE		
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	Fares 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	079 11 Year Mean Follow-Up of Acetabular Impaction Grafting: Bone Graft and Hydroxyapatite Porous Synthetic Bone Substitute	Kareem Abdullah
14.21 - 14.27	078 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	080 Novel Acetabular Cup for Revision Total Hip Arthroplasty Improves Hip Biomechanics. A Radiographic Evaluation	Anton Khlopas
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	Viktor 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	081 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	082 Is there a Place for 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	Viktor Krebs
15.19 - 15.30	Discussion		15.19 - 15.30	Discussion	
15.30 - 16.00	Closing Remarks				
16.00	Congress Adjourns				



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