



2ND ANNUAL PAN PACIFIC ORTHOPAEDIC CONGRESS

JULY 22-25, 2015 | HILTON WAIKOLOA | ON THE BIG ISLAND OF HAWAII

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WEDNESDAY, JULY 22, 2015

TIME	SESSION TITLE
2:00 PM	Registration/Exhibits Open
3:00 PM	Outpatient Surgery Workshop
6:00 PM	Welcome Reception

MAIN ROOM

THURSDAY, JULY 23, 2015

TIME/SECTION	SESSION TITLE	MODERATORS
6:00 AM	Breakfast	
6:15 AM	Welcome	Richard Komistek
6:30 AM	Session 1-A: Expert Panel 1: How Do I Do a TKA?	Doug Dennis
O1A1		Steve MacDonald
O1A2		Norm Scott
O1A3		Raj Sinha
O1A4		Craig Della Valle
O1A5		Raj Maniar
O1A6		
7:30 AM	Session 2-A: Ligament Balance & Alignment in TKA	
O2A1	Gap Balancing vs. Measured Resection	
O2A2	TKA Alignment: What's the Target?	
O2A3	Progression of Knee Adduction Moment and Walking Velocity Following TKA: The Importance of Alignment?	
O2A4	What is a Kinematically Aligned TKA and Why Is It an Option for TKA?	Steve Howell
O2A5	A Systematic Method For Balancing Knees at Surgery	Peter Walker
O2A6	Restoring Stability, Joint Gap and Soft Tissue Balance in Revision TKA	SKS Marya
	Discussion	
8:30 AM	Session 3-A: The Great Debates I: TKA	Michael Menegini
O3A1	PSI vs. Traditional Instruments: Is There a Difference (Yes)	Mohamed Mahfouz

PRELIMINARY PROGRAM (SUBJECT TO CHANGE)

SECONDARY ROOM

THURSDAY, JULY 23, 2015

TIME/SECTION	SESSION TITLE	MODERATORS
6:00 AM	Breakfast	
6:30 AM	Session 1-B: Reverse Arthroplasty in 2015: Indications and Key Steps for Reproducible Results	Edwin Spencer
O1B1		Edwin Spencer
O1B2		John Sperling
O1B3		Joo Han Oh
7:30 AM	Session 2-B: Shoulder	John Sperling
O2B1	Functional Results of Bilateral Reverse Total Shoulder Arthroplasty	Chris Mellano
O2B2	Prognostic Factors Affecting Clinical Outcomes After Reverse Shoulder Arthroplasty	Joo Han Oh
O2B3	Clinical Outcomes of Reverse Total Shoulder Arthroplasty in Patients 65 Years and Younger	Christopher Matthews
O2B4	Assessment of the Optimal Shoulder Outcome Score for Reverse Shoulder Arthroplasty	Vani Sabesan
O2B5	The Effect of Reverse Total Shoulder Implant Neck-Shaft Angle, Cup Depth, and Size on Contact Mechanics	James A. Johnson
O2B6	The Length of Screws for Reverse Shoulder Arthroplasty	Masaaki Ito
	Discussion	
8:30 AM	Session 3-B: THA: When Things Go Wrong?	Peter Chiu
O3B1	Consecutive Case Series of Extended Trochanteric Approach in Revision Hip Arthroplasty for Aseptic Failed Cemented Hips	Shitij Kacker

O3A2	PSI vs. Traditional Instruments: Is There a Difference (No) Discussion	Phil Noble
O3A3	Moble vs. Fixed Bearing: Mobile Is Better	Raj Maniar
O3A4	Moble vs. Fixed Bearing: Fixed Is Better Discussion	Tom Schmalzried
O3A5	Resurfacing the Patella Is the Best Option (Yes)	Fred Cushner
O3A6	Resurfacing the Patella Is the Best Option (No) Discussion	Peter Chiu
O3A7	The ACL: Does It Belong With a TKA (Yes)	Hal Cates
O3A8	The ACL: Does It Belong With a TKA (No) Discussion	Norm Scott
9:30 AM	BREAK	
10:00 AM	Session 4-A: Expert Panel 2: Implant Design: What's Next?	Steve MacDonald
O4A1		Richard Komistek
O4A2		Mohamed Mahfouz
O4A3		Phil Noble
O4A4		Paul Rullkoetter
O4A5		Peter Walker
11:00 AM	Session 5-A: TKA Function	Fred Cushner
O5A1	Guided Motion in TKA	Michael Ries
O5A2	ACL Retaining TKA: Technique and Early Experience	Craig Della Valle
O5A3	In Vivo Mechanics of TKA	Richard Komistek
O5A4	TKA for the Younger Patient	Norm Scott
O5A5	Role of ACL in TKA - Is There Any Difference In Kinematics Between ACL Deficient and Reconstructed TKA?	Tetsuya Tomita
O5A6	Can Intra-Operative Sensing Affect TKA Function? Discussion	Michael Meneghini
12:00 PM	LUNCH	
12:45 PM	Session 6-A: Expert Panel 3: Revision TKA: What Do the Experts Do?	William Maloney
O6A1		Hal Cates
O6A2		Young-Hoo Kim
O6A3		Fred Cushner
O6A4		Kazuo Hirakawa
O6A5		Mark Pagnano
O6A6		Douglas Dennis
1:45 PM	Session 7-A: The Asian Knee	Peter Walker
O7A1	How Intraoperative Condition Affects Postoperative Kinematics for Japanese Subjects?	Shuichi Matsuda

O3B2	Biotribological Assessment of Injection Molded PEEK-based Materials: Analysis of Wear Factors and Generated Wear Particles.	Salah Hammouche
O3B3	Is Metal Hypersensitivity the Main Reason for Failure in Metal on Metal Total Hip Replacements?	Thomas Bernasek
O3B4	An Algorithm For Escalating Acetabular Fixation in Primary Total Hip Arthroplasty	Joshua Carothers
O3B5	Particle Characterization and Cytokine Expression in Failed Small-Diameter Metal-on-Metal Total Hip Arthroplasties	Gurpal Singh
O3B6	Why Do Some Ceramic Joints Squeak? A Functional Orientation Study Discussion	Ed Marel
9:30 AM	BREAK	
10:00 AM	Session 4-B: Surgical Implications of THA	Cass Nakasone
O4B1	An Easy Method to Remove Femoral Head During Hip Replacement Procedure of Femoral Neck Fractures	Yanguo Qin
O4B2	Cementless Bipolar Arthroplasty for Femoral Neck Fractures in Elderly- Early Results of 42 Cases	Sumeet Rastogi
O4B3	Accuracy of Fluoroscopic Guided Acetabular Component Positioning During Direct Anterior Total Hip Arthroplasty	Eric Slotkin
O4B4	Incidence of and Preoperative Risk Factors for Surgical Delay in Primary Total Hip Arthroplasty (ACS-NSQIP)	Ong-art Phruetthiphap
O4B5	Wound Infiltration with Liposomal Bupivacaine Reduces Narcotic Consumption in Patients Undergoing Total Hip Arthroplasty	Christopher Johnson
O4B6	Muscle Volume Recovery of the Gluteus Maximus, Gluteus Medius and Thigh Muscles After Total Hip Arthroplasty	Keisuke Uemura
11:00 AM	Session 5-B: THA Outcomes & Survivorship	Yasuharu Nakashima
O5B1	Does Hip Arthroscopy Affect the Outcomes of a Subsequent Total Hip Arthroplasty?	Brian Haughom
O5B2	Outcomes of Total Hip Arthroplasty in Patients Having Previously Undergone Arthroscopic Repair of Femoroacetabular Impingement	Aidin Eslam Pour
O5B3	Accuracy of Component Positioning in 2330 Total Hip Arthroplasties: A Comparative Analysis by Technique and Guidance	Michael Conditt
O5B4	Twenty-Eight Year Hip Survivorship and Outcomes of Patients Treated With a Periacetabular Osteotomy for Acetabular Dysplasia	Joel Matta
O5B5	Down Syndrome and Short-Term Outcomes Following Total Hip Arthroplasty	Bhaveen Kapadia
O5B6	Current Status of Total Hip Arthroplasty Revision in Northeastern China Discussion	Bojian Liang
12:00 PM	LUNCH	

O7A2	Cross-cultural Adaptation and Validation of the Japanese Version of the New Knee Society Scoring System	Hiromu Ito
O7A3	What Is In Vivo Kinematics to Achieve Real Deep Knee Bending?	Tetsuya Tomita
O7A4	What Has the Asian Knee Taught Us?	Raj Maniar
O7A5	A Three-Dimensional Computed Tomography Study of Distal Femoral Morphology in Japanese Patients: Gender Differences and Component Fit	Hiromasa Miura
O7A6	Asian Knees Are Not Just Smaller, But Different	Peter Chiu
	Discussion	
2:45 PM	ICE CREAM RECEPTION	
3:30 PM	ADJOURN	

MAIN ROOM

FRIDAY, JULY 24, 2015

TIME/SECTION	SESSION TITLE	MODERATORS
6:00 AM	Breakfast	
6:30 AM	Session 8-A: Expert Panel 4: VP of R&D	Richard Komistek
	O1A1	Philipp Lang
	O1A2	Mike Barker
	O1A3	Robert Cohen
	O1A4	Dean Hughes
	O1A5	Lance Perry
7:30 AM	Session 9-A: Alternative Bearings in THA	SKS Marya
	O9A1 Tardy Development of Pseudotumours in 28 mm Metal-on-Metal Bearings	Jean-Pierre Simon
	O9A2 Delta Ceramic on Ceramic THA – Midterm IDE Study Results	Charlie Yang
	O9A3 Computerised Tomography Reports of Osteolysis in Ceramic-on-Ceramic Total Hip	Paul Thornton-Bott
	O9A4 Eccentric Wear Rates in THA With Ceramic on Polyethylene Bearing Surface and Minimum 20 Year Follow-up	Donald Pomeroy
	O9A5 Excellent Performance of Novel Hip Bearings With Third Generation Superlattice Coating	Jun Jie Wu
	O9A6 MPC (2-Methacryloyloxyethyl Phosphorylcholine) Polymer on Crosslink Polyethylene Can Reduce Friction of Bearing Surface in Cementless THA	Tomotaro Sato
	Discussion	
8:30 AM	Session 10-A: The Great Debates 2: THA	Michael Ries
	O10A1 Direct Anterior Approach Is Superior to Mini Posterior Approach (Yes)	Ray Kim

TIME/SECTION	SESSION TITLE	MODERATORS
12:45 PM	Session 5-B: THA Outcomes & Survivorship	Yasuharu Nakashima
	O5B1 Does Hip Arthroscopy Affect the Outcomes of a Subsequent Total Hip Arthroplasty?	Brian Haughom
	O5B2 Outcomes of Total Hip Arthroplasty in Patients Having Previously Undergone Arthroscopic Repair of Femoroacetabular Impingement	Aidin Eslam Pour
	O5B3 Accuracy of Component Positioning in 2330 Total Hip Arthroplasties: A Comparative Analysis by Technique and Guidance	Michael Conditt
	O5B4 Twenty-Eight Year Hip Survivorship and Outcomes of Patients Treated With a Periacetabular Osteotomy for Acetabular Dysplasia	Joel Matta
	O5B5 Down Syndrome and Short-Term Outcomes Following Total Hip Arthroplasty	Bhaveen Kapadia
	O5B6 Current Status of Total Hip Arthroplasty Revision in Northeastern China	Bojian Liang
	Discussion	
1:45 PM	Session 7-B: Computer Navigation & Robotics: Is it Still the Future of Arthroplasty?	Paul Rullkoetter
	O7B1 Intra-Operative Assessment of the Soft Tissue Envelope Is Integral to the Planning of UKA Components	Martin Roche
	O7B2 Computer Assisted Versus Conventional Surgery for Component Alignment in Total Knee Arthroplasty: A Randomized Controlled Trial	William Blakeney
	O7B3 Computer Navigation Decreases the Frequency of Medial and Lateral Soft Tissue Release in Total Knee Arthroplasty	Kamal Deep
	O7B4 Comparison of Acetabular Cup Placement in Robotic Assisted Posterior Approach and Fluoroscopic Guided Anterior Approach THA	Eli Kamara
	O7B5 In Vivo Hip Kinematics Analysis Through Robotic Mobile Fluoroscopy	William Hamel
	O7B6 The Use of Robotics for Minimally Invasive, Partial Knee Arthroplasty	Robert Cohen
	Discussion	
2:45 PM	ICE CREAM RECEPTION	
3:30 PM	ADJOURN	

SECONDARY ROOM

FRIDAY, JULY 24, 2015

TIME/SECTION	SESSION TITLE	MODERATORS
6:00 AM	Breakfast	
7:30 AM	Session 9-B: The Patella: Forgotten Bone or Renewed Focus?	Hiromasa Miura
	O9B1 The Effect of Patella Geometry on Patella Kinematics and Extensor Efficiency in Total Knee Replacement	Chadd Clary

O10A2	Direct Anterior Approach Is Superior to Mini Posterior Approach (No) Discussion	William Maloney	O9B2	Population-Based Evaluation of Patellar Component Design on Size, Coverage and Median Ridge Position	Douglas Dennis
O10A3	Unstable THA: Dual Mobility Is Better Than Large Heads or Constrained Cups (Yes)	Craig Della Valle	O9B3	Patellofemoral Resurfacing and Patellar Denervation in Primary Total Knee Arthroplasty: A Systematic Review and Network Meta-Analysis	Alisara Arirachakaran
O10A4	Unstable THA: Dual Mobility Is Better Than Large Heads or Constrained Cups (No) Discussion	Steve MacDonald	O9B4	The Influence of Intra-Operative Soft Tissue Balance on Patellar Pressure in Posterior-Stabilized Total Knee Arthroplasty	Tomoyuki Matsumoto
O10A5	The 50 Year Old Patient: HIGHLY CROSSLINKED POLY OR CERAMIC (Poly)	Young-Hoo Kim	O9B5	Tibiofemoral and Patellofemoral Joint Forces During Seiza Kneeling	Michihiko Fukunaga
O10A6	The 50 Year Old Patient: HIGHLY CROSSLINKED POLY OR CERAMIC (COC) Discussion	Douglas Dennis	O9B6	Does Patella Resurfacing Affect Postoperative Blood Loss in Patients Undergoing Total Knee Replacement? Discussion	Christopher Glezos
O10A7	Medializing the Cup or Restoring the Anatomical Joint Center (Med)	Kazuo Hirakawa	8:30 AM	Session 10-B: UKA: When, Where and How?	Tetsuya Tomita
O10A8	Medializing the Cup or Restoring the Anatomical Joint Center (AJC)	Richard Komistek	O10B1	Short to Mid Term Survivorship of Robotically Guided Unicompartmental Knee Arthroplasty	Andrew Pearle
9:30 AM	BREAK		O10B2	Patient Specific "À La Carte" Knee Reconstruction With Unicompartmental Knee Replacement. A Feasibility Study	Jean-Yves Jenny
10:00 AM	Session 11-A: Expert Panel 5: How Do I Do a THA?	Craig Della Valle	O10B3	UKA Patients Return to Function Earlier Than TKA Patients	Jennifer Christopher
O11A1		SKS Marya	O10B4	Mobility of Popliteal Artery After Knee Arthroplasty: Comparison Between UKA and TKA	Srihatach Ngarmukos
O11A2		Douglas Dennis	O10B5	Long Term Results With Oxford UKA for Medial Osteoarthritis Patients Over 15 Degrees in HKA	Ichiroh Tatsumi
O11A3		Thomas Schmalzried	O10B6	Customized, Individually Made Unicondylar Knee Replacement: A Prospective, Multicenter Study of 2-Year Clinical Outcomes Discussion	Lowry Barnes
O11A4		William Maloney	9:30 AM	BREAK	
O11A5		Nobuhiko Sugano	10:00 AM	Session 11-B: TKA Surgical Approach	Jean-Yves Jenny
O11A6		Cass Nakasone	O11B1	Significant Effects of Medial Flexion Gap on In Vivo Knee Kinematics	Shinichiro Nakamura
11:00 AM	Session 12-A: Total Hip Arthroplasty: Lasting the Test of Time?	Ray Kim	O11B2	Randomized Control Prospective Series of 52 Patients Treated With the Medial Parapatellar and Mid-Vastus Surgical Approaches	Shitij Kacker
O12A1	The 27 to 29-Year Outcomes of the PCA Total Hip Arthroplasty in Patients Younger Than 50 Years Old	Young-Hoo Kim	O11B3	Benefit of Minimally Invasive Navigation in TKA: Comparative Cohort Study of Accuracy Postoperative Leg Alignment, Postoperative Parameters Between 3 Different Technics	Chumroonkiet Leelasataporn
O12A2	Patient Activity and Wear Over Time	Tom Schmalzried	O11B4	Gap Balancing Versus Measured Resection: A Comparative Analysis of Femoral Component Position and Early Function	Thomas Bernasek
O12A3	15 Year's Results of Bearing Surface Performance Combined 26mm CoCr With Polished Titanium Trunion Taper: XLPE Had No Problem	Kazuo Hirakawa	O11B5	Subvastus Approach for Revision TKA	Bakul Arora
O12A4	Comparison of Wear Between Annealed and Remelted Highly Crosslinked Polyethylene -10 Years Follow-Up Study	Yasuharu Nakashima	O11B6	Relationship Between Postoperative Limb Alignment and Clinical Outcomes in Primary Total Knee Arthroplasty Discussion	Kyohei Nishida
O12A5	Long-Term Survivorship of Uncemented Sockets in THA	Mark Pagnano			
O12A6	Over 25-Year Follow-Up Outcome of Cemented and Cementless THA in DDH Discussion	Nobuhiko Sugano			
12:00 PM	LUNCH				
1:00 PM	Session 13-A: The True Cause of Taper Concern: Design, Manufacturing, or Assembly?	Raj Sinha			
O13A1	Taper Corrosion: Clinical Presentation and Management	William Maloney			

O13A2	Current Evidence Suggests the Cause of Trunionosis Occurs at Surgery	Phil Noble
O13A3	Femoral Taperosis: An Accident Waiting to Happen?	Tom Schmalzried
O13A4	Correlation of Corrosion and Biomechanics of a Modular Neck THA	Steve MacDonald
O13A5	Decreasing Taper Size: A Path to Concern?	Michael Ries
O13A6	Patterns of Surface Damage of Titanium and Cobalt Alloy Trunnions Observed in Modular Retrievals	Hugh Jones
	Discussion	
2:00 PM	E-POSTER SESSIONS	
	E-Poster Session 1: TKA: What's Working and What's Not?	Douglas Dennis
EP1_1	Effect of Femoral Component Design on Patellar Crepitus Incidence Following TKA	Charlie Yang
EP1_2	Tourniquet Use During TKA and Its Effect on Recovery of Quadriceps Strength and Lower Extremity Function	Douglas Dennis
EP1_3	Does Increased Age Equal Increased Complications, Length of Stay, Mortality, and Readmissions After Total Knee Replacement	Thomas Bernasek
EP1_4	Posterior Tibial Slope and Femoral Sizing Affect Posterior Cruciate Ligament Tension in Posterior Cruciate-Retaining TKA	Shinichi Kuriyama
EP1_5	Are Five Tibial Reference Lines Parallel to the Flexion-Extension Plane of the Knee?	Howell Stephen
EP1_6	Do Two Methods for Finding the Spherical Axis Accurately Locate the Cylindrical Axis of the Knee?	Howell Stephen
EP1_7	What Is the Risk of Potential Opioid-Related Adverse Events Following Knee Arthroscopy?	Gonzales Jeffrey
EP1_8	The Influence of Tibial Cut on the Rotation of the Tibial Tray	Kenichiro Takashiba
EP1_9	Trivector Arthrotomy for TKR - A "Gateway" for All Knees	Ashit Shah
EP1_10	Influence of Tibial Posterior Slope on the Flexion Gap in Total Knee Arthroplasty	Ken Okazaki
EP1_11	Knee Arthroplasty With a Medial Rotating Total Knee Replacement. Midterm Clinical Findings of 38 Cases	Sam Jonas
EP1_12	Cruciate Retaining Total Knee Replacement in Posterior Cruciate Deficient Knees: An Analysis of Stability and Outcome	Thomas Bernasek
EP1_13	Mid Term Results of Cruciate Retaining (CR) Prosthesis in Gross Deformities	Bakul Arora
EP1_14	Ten Year Results of PFC Sigma CR Rotating Platform TKR	Gautam Chakrabarty
	E-Poster Session 3: Clinical Knee	Michael Meneghini

11:00 AM	Session 12-B: TKA Customization: Implant & Instrumentation	Phil Noble
O12B1	TBD	TBD
O12B2	Improved alignment and operating room efficiency cost with patient specific instrumentation for TKA	Luc Renson
O12B3	Multicenter Analysis of Outcomes and Functional Tests for Patients With Customized, Individually Made or Traditional TKR	Robert Tait
O12B4	Bicompartmental Arthroplasty With a One Pieced Customized Device: Early Experience and Patient Outcomes	Tom Minas
O12B5	A Randomised Control Trial Comparing Signature Patient Specific Instrumentation to Conventional and Computer Assisted Knee Arthroplasty	Christopher Wilson
O12B6	Do Geometrically Designed Tibial Baseplates Accurately Locate the Flexion and Extension Plane of the Knee?	Michael Johnson
	Discussion	
12:00 PM	LUNCH	
1:00 PM	Session 13-B: Factors Influencing TKA Results	Adrija Sharma
O13B1	Does Varus Alignment Adversely Affect Implant Survival and Function Six-Years After Kinematically Aligned Total Knee Arthroplasty?	Steve Howell
O13B2	In Vivo Kinematics for a BCS TKA Compared to the Normal Knee	Hal Cates
O13B3	In-Vivo Kinematis for Customized, Patient-Specific vs. Two Traditional TKA During Deep Knee Bend and Chair Rise	Brad Meccia
O13B4	Are Functional Results of Modern Bicompartmental Arthroplasty of the Knee With Independent Implants Better Than TKA?	Sebastien Parratte
O13B5	Correlation of Posterior Femoral Offset and Flexion in TKR – Study of 21 Bilateral TKRs	Ashit Shah
O13B6	Preoperative Conditions and Intra-Operative Procedures for Factors Influencing Flexion Angle Before and After PS-TKA	Ryuji Nagamine
	Discussion	
2:00 PM	E-POSTER SESSIONS	
	E-Poster Session 2: The Asian Knee I	Shuichi Matsuda
EP2_1	Eccentric Graft Positioning Within the Femoral Tunnel Aperture in Anatomic DB-ACL Reconstruction	Joon Ho Wang
EP2_2	How to Prevent Inadvertent Secondary Changes of the Posterior Slope Angle and Axial Rotation After MOWHTO?	Joon Ho Wang
EP2_3	Intraoperative Change in Femorotibial Rotational Alignment Affects Postoperative Maximum Flexion Angles in Posterior-Stabilized Total Knee Arthroplasty	Akihiko Toda

EP3_1	Liposomal Bupivacaine Versus Traditional Periarticular Injection for Pain Control After TKA: Does Injection Technique Matter?	Michael Meneghini	EP2_4	Clinical Outcomes After High-Flex Versus Conventional Total Knee Arthroplasty: A Systematic Review and Meta-Regression of RCTS	Alisara Arirachakaran
EP3_2	Preoperative and Postoperative Subjective Evaluations Using the 2011 Knee Society Score in Total Knee Arthroplasty	Atsuo Uefuji	EP2_5	Is Unicompartmental Knee Arthroplasty (UKA) Superior to Total Knee Arthroplasty (TKA)? A Systematic Review and Meta-Analysis	Alisara Arirachakaran
EP3_3	Topical Versus Intravenous Tranexamic Acid Use in Total Knee Arthroplasty	Zach Arntson	EP2_6	Blood Loss After Less Invasive Total Knee Arthroplasty- Effects of Medullary Preservation	Chih-Wei Chang
EP3_4	Is Ketorolac the Next Intra-Articular Knee Injection for Osteoarthritis?	Jaime Bellamy	EP2_7	Three Dimensional Assessments of Distal Femur Geometry With Resection Level for Total Knee Arthroplasty With Asian	Toshitaka Fujito
EP3_5	The Effects of a Hospitalist Co-Management Model for Joint Replacement Patients in a Teaching Facility	George Chimento	EP2_8	Quadriceps Is Important for Patient Satisfaction After Total Knee Arthroplasty	Moritoshi Furu
EP3_6	Increased BMI and Prior Surgery Are Predominant Risk Factors for Manipulation Under Anesthesia After Total Knee Arthroplasty	Kaitlin Carroll	EP2_9	Clinical Results of Total Knee Arthroplasty in Patients With Severe Varus Deformity	Kou Hidani
EP3_7	Ultrasound Examination of Patellar Tendon Donor-Site Healing After Harvest for Anterior Cruciate Ligament Reconstruction	Hamed Yazdanshenas	EP2_10	Three Cases of Late Medial Instability After Total Knee Arthroplasty Due to Hip Disease	Masanori Tsubosaka
EP3_8	Effect of Tranexamic Acid on Post-Operative Total Knee Arthroplasty Blood Transfusions in the Community Hospital Setting	Blake Daney	EP2_11	Do Patients Feel Any Difference After Bilateral Total Knee Arthroplasty With Different Weighted Prostheses?	Myung Chul Lee
EP3_9	Web Page Content and Quality Assessed for Knee Replacement	Flynn Rowan	EP2_12	Synovial Glucose and Lactate Dehydrogenase Values Are Useful Markers in Differentiating Culture-Positive Arthritis	Jong-Kim Kim
EP3_10	Comparing Femoral Fixation Techniques in Anterior Cruciate Ligament Reconstruction	Hamed Yazdanshenas	EP2_13	Anterior Knee Pain Due to Impingement Between the Lateral Part of Resurfaced Patella And Femoral Component	Masaki Nagashima
EP3_11	Congenital Bleeding Disorders and Short-Term Outcomes Following Total Hip and Knee Arthroplasty	Bhaveen Kapadia	EP2_14	Primary 2-Stage TKA in Elderly Patients With Septic Arthritis and Severe Osteoarthritis of the Knee	Churl Hong Chun
EP3_12	Variability in Optimal Sagittal Alignment in Total Knee Arthroplasty	Joseph Maratt	E-Poster Session 4: Knee Mechanics		Adrija Sharma
EP3_13	TBD	TBD	EP4_1	Long Leg Radiographs As a Measurement Tool for Biomechanical Axis: Comparison of Radiographic and Navigation Measurements	Nadine Wilcox
EP3_14	Serum and Wound Vancomycin Levels Following Intraoperative Administration in Primary Total Joint Arthroplasty	Scott Marston	EP4_2	New Reference Axis of the Distal Femur in Total Knee Arthroplasty	Hideyuki AOKI
E-Poster Session 5: TKA: Shoulders, Elbows & Ankles		Vani Sabesan	EP4_3	Evaluation of Pattern Classification Algorithms for an Acoustic Based In Vivo Osteoarthritis Prediction Model	Ian Zeller
EP5_1	Comparing the Quality of Internet Content for Knee Replacement and Shoulder Replacement	John Kierstead	EP4_4	Determination of In Vivo TKA Kinematics Using Acoustic Methods	Ian Zeller
EP5_2	Arthroscopic Bankart Repair: Minimum 10-year Follow-up With Emphasis on Survivorship	Stephen Weber	EP4_5	In Vivo Tibiofemoral Kinematics for Subjects Having an Attune Fixed Bearing PS TKA	Matt Anderle
EP5_3	K- Wires Add No Value When Combined With Tight Rope Stabilization for Acromioclavicular Joint Dislocation	Hossam Diab	EP4_6	Ethnic Differences in Patellar Shape; A Multi-Institutional Study	Ali Al Belooshi
EP5_4	Outcome Comparison Between In-Situ Repair Versus Tear Completion Repair for Partial-Thickness Rotator Cuff Tears	Hyun-Seok Song	EP4_7	Continuous Sagittal Radiological Evaluation of Stair-Climbing in Cruciate-Retaining and Posterior-Stabilized Total Knee Arthroplasties Using Image-Matching	Satoshi Hamai
EP5_5	Radius of Proximal Articular Surface and Greater Tuberosity in the Plain Radiography of Rotator Cuff Disease	Hyun-Seok Song	EP4_8	Comparison of Tibial Rotation Between Intraoperative and Postoperative Value in Total Knee Arthroplasty	Takao Inokuchi

EP5_6	Clinical and Radiographic Analysis of a Uniaxial Peg-Keel Glenoid Component With Modern Cementing Techniques	Chris Mellano	EP4_9	Motion Analysis of Ceramic Total Knee Arthroplasty (Cruciate Retaining Type vs. Posterior Stabilized Type)	Yoko Masuda
EP5_7	Patient and Surgical Factors Affecting the Length of Stay After Shoulder Arthroplasty	Joseph King	EP4_10	In Vivo Contact Mechanics of Ball and Socket Third Condyle in Tri-Condylar Knee Implants	Shinichiro Nakamura
EP5_8	Blood Transfusion After Shoulder Arthroplasty: Protocol Decreases Transfusion Rates After Reverse Shoulder Arthroplasty	Joseph King	EP4_11	In Vivo 3-Dimensional Gait Analysis of Mobile-Bearing TKA Including Polyethylene Insert	Kazuma Futai
EP5_9	Intermediate-Term Outcome of Hemiarthroplasty for the Comminuted Proximal Humerus Fracture	Joo Han Oh	EP4_12	Wear Pattern of Femorotibial Compartments in Osteoarthritic Knees: A Pointer to Origin of Osteoarthritis	Kamal Deep
EP5_10	Continuous Loop Double Endobutton Reconstruction for AC Joint Dislocation	Steven Struhl	EP4_13	Position of Patella Among Middle-Eastern Population: An Anthropometric Study	Ali Al Belooshi
EP5_11	Clinical Results of the Discovery Total Elbow Arthroplasty System in Patients With Rheumatoid Arthritis	Yukio Yonemoto	EP4_14	Evaluation of a Novel Articulating Knee Antibiotic Spacer Mold System	Daniel Allison
EP5_12	The Clinical Research of Arthroscopic-Assisted and Reconstruction of Lateral Ankle Ligaments With Partial Peroneus Longus Tendon	Guoyou Wang	E-Poster Session 6: Latest Technology		Stephen Howell
EP5_13	A Rare Fracture That Ottawa Ankle Rules Are Insufficient: Isolated Posterior Malleolar Fracture	Bulent Karlioglu	EP6_1	Does a TKA in 5° or 7° Valgus Frequently Have Collateral Ligament Imbalance and Abnormal Alignment?	Stephen Howell
EP5_14	The Instability Severity Index Score in Arthroscopic Instability Surgery (ISIS): Failure to Validate Its Predictive Value	Stephen Weber	EP6_2	Same Success Rate for One-Stage Versus Two-Stage Exchange of Infected TKR: A Matched Paired Comparison	Jean-Yves Jenny
E-Poster Session 10: TKA Revision and Outcomes		Raj Maniar	EP6_3	Measurement of the Knee Flexion Angle With Smartphone-Applications Is Precise And Accurate	Jean-Yves Jenny
EP10_1	The Role of Megaprosthesis in the Treatment of Septic Non Unions and Critical Size Bone Defects	Massimiliano Colombo	EP6_4	BMI Has No Effect on Revision Rate Following Robotically Assisted Unicompartmental Knee Arthroplasty	Andrew Pearle
EP10_2	Prosthetic Septic Large Revision	Massimiliano Colombo	EP6_5	Short Term Survivorship and Outcomes of Robotically Assisted Bicompartmental Arthroplasty	Martin Roche
EP10_3	Primary Total Knee Arthroplasty in Super-Obese Patients: Dramatically Higher Postoperative Complication Rates Compared to Revision Surgery	Joshua Carothers	EP6_6	X-Ray Knee Instability and Degenerative Score to Determine the Preference for Partial or Total Knee Arthroplasty	Christiaan Rudolf Oosthuizen
EP10_4	Alteration in Skin Sensation Following Primary TKA – A Two Years Follow Up Study	Gil Ganot	EP6_7	Second Generation Robotic Fluoroscope Imaging of Normal Knees In Vivo	William Hamel
EP10_5	Radiological and Clinical Outcomes of Septic and Aseptic Loosening in Revision TKA Using the VVC Prosthesis	Churl Chun Keun	EP6_8	Tibial Rotational Alignment Was Significantly Improved With CT Navigated Control Device in Total Knee Arthroplasty	Shinichi Kuriyama
EP10_6	Comparison between PFC Sigma Rotating Platform and Buechell Pappas High-Flexion Total Knee Arthroplasty	Gajanand Dhaked	EP6_9	Ultrasound and Histological Measurements of Lateral Femoral Cartilage Depth in Patients Who Underwent Total Knee Arthroplasty	Masataka Nishikawa
EP10_7	Medial Patellar Ligament Reconstruction With Tape Pulley System	Davis Tsai	EP6_10	Micro Slurry-Jet Erosion for Processing to Bearing Surface of Artificial Joint	Yoshitaka Nakanishi
EP10_8	The Anatomic Distal Femoral Locking Plate in 24 Supracondylar Periprosthetic Fractures- Results and Lessons Learnt	Sumeet Rastogi	EP6_11	The Utilization of Instil VAC Devices in Orthopaedic Surgical Wound Infection	Salah Hammouche
EP10_9	Total Knee Arthroplasty in Patients With a Prior Tibial Plateau Fracture: Long-Term Report at 15 Years	Matthew Abdel	EP6_12	A New Generation of Bioceramics: The Case for Silicon Nitride	Blake Peterson
EP10_10	TBD	TBD	EP6_13	Does Robotic-Assisted Computer-Navigation Affect Acetabular Cup Positioning in Total Hip Arthroplasty in the Obese Patient?	Benjamin Domb
EP10_11	TBD	TBD	EP6_14	Use of 3D Patient Optimised Surgical Tools (3D POST) in Managing Complex Hip Replacement	Vaibhav Bagaria
EP10_12	Long Term Outcome of P.F.C Sigma Fixed Bearing CR TKA at a District General Hospital	Gautam Chakrabarty	3:00 PM	BREAK	

EP10_13	Promising Meniscal Healing Rates and Clinical Outcomes of Full-Thickness Vertical Mattress Meniscal Repair Technique	Jong-Min Kim
EP10_14	Femoral Shaft Bowing in Coronal Plane Has More Significant Effect on the Coronal Alignment of TKA	Seong-Il Bin
3:00 PM	BREAK	
3:30 PM	Session 14-A: Expert Panel 6: Revision THA: What Do the Experts Do?	Mark Pagnao
O14A1	Ray Kim	
O14A2	Michael Ries	
O14A3	Michael Meneghini	
O14A4	Steve MacDonald	
O14A5	Hal Cates	
O14A6	Yasuharu Nakashima	
4:30 PM	PRE-LUAAU RECEPTION	
5:30 PM	ADJOURN	

MAIN ROOM
SATURDAY, JULY 25, 2015

TIME/SECTION	SESSION TITLE	MODERATORS
6:00 AM	Breakfast	
6:30 AM	Session 16-A: Expert Panel 7: Alignment & TKA: Where Does the Knee Belong	Tom Schmalzried
O16A1	Shuichi Matsuda	
O16A2	Norm Scott	
O16A3	Fred Cushner	
O16A4	Rajesh Maniar	
O16A5	Steve Howell	
O16A6	Raj Sinha	
7:30 AM	Session 17-A: Is This the Future of TKA?	Rajesh Maniar
O17A1	Customized TKA Instruments and Implants	
O17A2	Rationalising the New Buzz in TKA	
O17A3	The Kinematic appropriate knee	
O17A4	Computer Navigation and Robotics Are Here to Stay	
O17A5	Multiscale modeling of Muscle Force and Knee Joint Contact in TKA	
O17A6	Does Surgical Balancing Translate to Varus-Valgus Balancing at Follow-Up? Using a Novel Smart Knee Fixture	
	Discussion	
8:30 AM	Session 18-A: The Great Debates 3: Surgery	Shuichi Matsuda
O18A1	Cement Remains the Gold Standard (Pro)	
O18A2	Cement Remains the Gold Standard (Con)	

3:30 PM	Session 14-B: The Non Implanted Knee	Thomas Bernasek
O14B1	Second-Look Arthroscopic Assessment of Articular Cartilage Change After Medial Opening-Wedge High Tibial Osteotomy	
O14B2	Can Anatomic Double Bundle ACL Restore the Cross Sectional Area at the Footprint and Mid-Substance?	
O14B3	Comparison of High Tibial Osteotomy and Unicompartamental Knee Arthroplasty at an Average 10 Years Follow-Up	
O14B4	Morphological and Functional Analysis of the ACL and PCL	
O14B5	Isokinetic Concentric Average Power of the Hamstrings After Harvest for ACL Reconstruction	
O14B6	Treatment of Osteochondral Lesion of the Knee With Maioregen® Biomimetic Osteochondral Scaffold: Midterm Follow Up Results	
	Discussion	
4:30 PM	PRE-LUAAU RECEPTION	
5:30 PM	ADJOURN	

SECONDARY ROOM
SATURDAY, JULY 25, 2015

TIME/SECTION	SESSION TITLE	MODERATORS
6:00 AM	Breakfast	
6:30 AM	Session 16-B: Anatomic Shoulder Arthroplasty and Soft-Tissue Procedures in the Shoulder	Joo Han Oh
O16B1	Rotator Cuff Sparing Approach for Primary Anatomic Total Shoulder Arthroplasty: A Two-Window Technique	
O16B2	Treatment of Acromioclavicular Joint Dislocation Under Arthroscopic	
O16B3	Arthroscopic Proximal Biceps Tenodesis Versus Subpectoral Biceps Tenodesis: Perioperative Morbidity and Long Term Follow-Up	
O16B4	Results After Arthroscopic Rotator Cuff Repair Reinforced With a Novel Absorbable Biologic Scaffold: A Prospective Trial	
O16B5	Early Painful Glenoid Erosion After Hemi-Prosthesis for Fractures in the Elderly: Myth or Reality?	
O16B6	Exparel Combined With IV Decadron Decreases Length of Stay and Narcotic Usage After Elective Shoulder Arthroplasty	
7:30 AM	Session 17-B: Challenges in Shoulder Surgery in 2015	John Sperling
O17B1	Management of the Infected Shoulder Arthroplasty	
O17B2	Tips and Tricks for Standard Shoulder Arthroplasty	
O17B3	Massive Rotator Cuff Tear: Arthroscopy vs. Arthroplasty	
	Discussion	

	Discussion	
O18A3	Lateral Skin Incision Is the Best	Raj Sinha
O18A4	Medial or Midline Incision Is the Best	Michael Ries
	Discussion	
O18A5	Computer Navigation: Is There Still a Role? (Yes)	Shuichi Matsuda
O18A6	Computer Navigation: Is There Still a Role? (No)	Steve Howell
	Discussion	
O18A7	Patient Specific Instrumentation for the Glenoid-The Way to Go	John Sperling
O18A8	Careful Pre-Op Planning: All That One Need for Accurate Component Placement	Edwin Spencer
	Discussion	
9:30 AM	BREAK	
10:00 AM	Session 19-A: Expert Panel 8: Perioperative Issues	Young-Hoo Kim
O19A1		Peter Chiu
O19A2		William Maloney
O19A3		Fred Cushner
O19A4		Ray Kim
O19A5		Yasuharu Nakashima
O19A6		Nobuhiko Sugano
10:30 AM	Session 19-A: Expert Panel 9: How Do We Minimize Infection?	Hal Cates
O19A7		Craig Della Valle
O19A8		SKS Marya
O19A9		Kazuo Hirakawa
O19A10		Mark Pagnano
O19A11		Shuichi Matsuda
O19A12		Hirosama Miura
11:00 AM	E-POSTERS SESSIONS	
	E-Poster Session 7: The Asian Knee II	Young-Hoo Kim
EP7_1	Comparison of Highly Cross-Linked and Conventional Polyethylene in Posterior Cruciate-Substituting Total Knee Arthroplasty in Same Patients	Young-Hoo Kim
EP7_2	Prevalence of Deep Vein Thrombosis and Pulmonary Embolism Treated With Mechanical Compression Device Only After TKA	Young-Hoo Kim
EP7_3	Comparison of Simultaneous Bilateral With Staged Bilateral Total Knee Arthroplasty in Terms of Perioperative Complications	Kazumasa Fudo
EP7_4	Change of Anterior Femoral Offset Following Contemporary TKA Did Not Alter Quadriceps Strength	Aree Tanavalee
EP7_5	Progression of Varus Knee Alignment of Fixed Bearing Medial UKA at Mid-Term Follow Up	Aree Tanavalee

8:30 AM	Session 18-B: THA Component Positioning	Emam Abdel Fatah
O18B1	The Use of Fluoroscopy In Aiding Acetabular Cup Position In Direct Anterior Total Hip Arthroplasty	Blake Peterson
O18B2	Clinical Accuracy of a Novel Patient-Specific Instrumentation System (Trinity OPS) for Acetabular Cup Orientation	Ed Marei
O18B3	Does Obesity Affect Cup Position in Computer Navigated Total Hip Arthroplasty	Kamal Deep
O18B4	A New Simple Design of Guidance Instrument Benefiting Femoral Stem Implantation	Yanguo Qin
O18B5	Using an Active Robotic System - Is It a Benefit for THA?	Martin Boerner
O18B6	Direct Anterior Total Hip Arthroplasty With Fluoroscopy Offers No Difference in Acetabular Abduction	Krishna Tripuraneni
	Discussion	
9:30 AM	BREAK	
10:00 AM	Session 19-B: Mechanics of the Knee	Ed Marei
O19B1	No Lift-Off Motion Occurs With Proper Coronal Alignment Regardless of Excessive Collateral Ligament Laxity in TKA	Shinichi Kuriyama
O19B2	Gait Asymmetry and Functional Deficits After Primary Total Knee Arthroplasty	James Nussbaum
O19B3	Multiparameter Comprehensive Analytic Study of Long Term Follow-Up of Patients Who Underwent Total Knee Arthroplasty	Apoorva Dodia
O19B4	Kinematic Alignment of Total Knee Arthroplasty	Sang Eun Park
O19B5	Comparison of Contact Forces in the Normal and the Implanted Knee With Increasing Flexion	Adrija Sharma
O19B6	A Reliability Study of Intra-operative Kinematics in Total Knee Arthroplasty	Keizo Wada
	Discussion	
11:00 AM	E-POSTERS SESSIONS	
	E-Poster Session 8: TKA Kinematic & Clinical Results	Paul Rullkoetter
EP8_1	Compressive Loading for Current TKA to Reproduce Natural Knee Stability	Paul Rullkoetter
EP8_2	Does Malrotation of the Tibial and Femoral Components Compromise Function in Kinematically Aligned TKA?	Alexander Nedopil
EP8_3	Kinematics of a Deep Flexion Knee After Cr-TKA With Our Surgical Procedure	Satoshi Terada
EP8_4	Walking Down Ramps: Single Radius CR TKA Versus Multi Radii CR TKA Kinematics	Trevor Grieco
EP8_5	Single Radius CR TKA Versus Mutli Radii CR TKA Kinematics During Deep Knee Bend	Trevor Grieco
EP8_6	In Vivo Kinematics of the Mobile-bearing Cruciate-Retaining Total Knee Arthroplasty	Toshitaka Fujito
EP8_7	Tibial Rotational Alignment Affects the Kinematic Rotation of a Weight-Bearing Knee After Total Knee Arthroplasty	Ken Okazaki
EP8_8	All Poly Tibia--Early Medium Term Results in Elderly Patients -Back To Future!!	Ashit Shah

EP7_6	Comparing DVT incidence in Knee Arthroscopy and Arthroplasty	Kevin Lim	EP8_9	Comparison of Kinematics of Total Knee Arthroplasty Between Cruciate Retaining and Condylar Stabilized Insert	Keiji Iwamoto
EP7_7	Bi-surface Total Knee Arthroplasty for Valgus Knee Deformity	Moritoshi Furu	EP8_10	Does Semitendinosus And Gracilis (Stg) Tendon Autograft Usage for ACL Reconstruction Surgery Effect Knee Kinematics?	Bulent Karslioglu
EP7_8	What Is the Important Maneuver Necessary for Novice Surgeons to Minimize a Surgical Time in TKA?	Kengo Harato	EP8_11	Comparisons of Kinematics During Stair Motion in Single-Radius Total Knee Arthroplasty: CR vs. CS Designs	Yuichiro Kii
EP7_9	Relation of Resected Femoral Condyle Thickness and Difference Between Extension and Flexion Gaps In PS-TKA	Yasuo Kunugiza	EP8_12	Intra-Operative Kinematics Evaluation Among Different Shape of Inserts in Modern Total Knee Arthroplasty	Yoshinori Tojo
EP7_10	Evaluation of the Rotational Alignment of Femoral Component using Modified Gap-Balancing Technique after PS Type TKA	Koichiro Tanaka	EP8_13	The Preoperative Varus–Valgus Kinematic Pattern Throughout Flexion Persisted More Strongly After Cr-TKA Compared With Ps-TKA	Kazunori Hino
EP7_11	Complications and Surgical Invasion of UKA - Comparison with TKA	Yoshifumi Namba	EP8_14	Effect of Tibial Posterior Slope on Knee Kinematics and Patellofemoral Contact Force After Total Knee Arthroplasty	Hideki Mizu-uchi
EP7_12	Venous Thromboembolism After the Knee Arthroplasty for the Elderly Patient	Yasuko Fujita	E-Poster Session 11: THA Design		Phil Noble
EP7_13	Changes in condylar Lifftoff After CR-TKA	Takashi Osawa	EP11_1	Effect of Angular Mismatch Tolerance on Trunion Micro-Motion in THA	Phil Noble
EP7_14	The Influence of Patellar Height and Joint Line Elevation on the Results of Revision TKA	Hyuksoo Han	EP11_2	Femoral Osteochondroplasty: Will It Enable All Athletes to Return to Performance Without Bony Impingement?	Phil Noble
E-Poster Session 9: Technology vs. Conventional Techniques		Jean-Yves Jenny	EP11_3	Effects of Micro-Arc Oxidation Coating on Outcomes of Cementless Grit-Blasted Tapered-Wedge Stem in Total Hip Arthroplasty	Youn-Soo Park
EP9_1	Simulation of Balancing a TKA With a Navigation System: Towards a "À La Carte" Balancing?	Jean-Yves Jenny	EP11_4	The Outcome of Ultra-Short Metaphyseal-Fitting Anatomic Cementless Femoral Stem in Highly Active Obese and Non-Obese Patients	Young-Hoo Kim
EP9_2	Virtual Reconstruction Planning During Revision Total Knee Replacement	Jean-Yves	EP11_5	Cluster Hole Versus Solid Cup in Total Hip Arthroplasty: A Randomized Control Trial	William Blakeney
EP9_3	Predictors of Outcome Following Robot Assisted Unicompartmental Knee Arthroplasty	Andrew Pearle	EP11_6	Physical and Mechanical Characteristics of a Porous Structured Titanium Biomaterial	Robert Cohen
EP9_4	Complications and Difficulties With Image Free & CT Based Total Knee Relacement Navigation Systems in Total Knee Replacement	Dhiren Bassi	EP11_7	Early Migration Characteristics and Comparison of Two Femoral Stems: An RSA Study	Christopher Wilson
EP9_5	Do the Normal Knee Laxities at 0° and 90° Flexion Support the Goal of Gap-Balanced TKA?	Stephen Howell	EP11_8	Modular Versus Non-Modular Femoral Necks for Primary Total Hip Arthroplasty	Joshua Carothers
EP9_6	Investigation of Rotational Positioning of the Tibial Component With CT-Free Navigation System in Total Knee Arthroplasty	Mitsuru Hanada	EP11_9	Tribological Degradation of Bioceramics Under Aggressive Simulated Conditions	Elia Marin
EP9_7	A New Approach for Robotic Support in Minimal Invasive Spine Surgery	Juergen Wahrburg	EP11_10	Salvage of Monoblock Metal on Metal Acetabular Components Utilizing a Dual-Mobility Bearing	Craig Della Valle
EP9_8	Are the Radiographic Indices for Pelvic Rotation Influenced By Pelvic Inclination?	Hiroshi Koyama	EP11_11	Primary Total Hip Arthroplasty Using Third Generation Ceramic-Ceramic Articulation in Elderly Patients	Joon-Soon Kang
EP9_9	Combine Traditional Acetate With Standing Digital Radiograph Calibrated By Scaling Ball to Improve THA Templating Accuracy	Yanguo Qin	EP11_12	Ceramic on Ceramic Versus Metal on Highly Cross Linked Polyethylene Bearings in Total Hip Arthroplasty	Yoshitoshi Higuchi
EP9_10	Preservation of Acetabular Bone Stock in THA Using Conventional vs. Robotic Techniques: A Matched-Pair Controlled Study	Michael Conditt	EP11_13	Radiographic Evaluation in J-Taper® Stem	Norifumi Umehara
EP9_11	Measurement of the Posterior Femoral Offset: Navigation Is More Precise Than Standard X-Rays	Jean-Yves Jenny	EP11_14	Surgical Treatment of Femoroacetabular Impingement: A Case Report	Junko Shinoda
EP9_12	Correlation Between Varus-Valgus Laxity and Amount of Bone Resection in PS-TKA and CR-TKA	Kunihiko Watamori	E-Poster Session 13: THA Design, Positioning & Surgical Technique		Ed Marel
EP9_13	Three Dimensional Analyses in Varus and Valgus Osteoarthritis of the Knee	Masashi Tamaki	EP13_1	The Transverse Acetabular Ligament And Acetabular Margin Orientation as a Guide to Cup Placement In Thr	Kamal Deep
			EP13_2	Patient Specific Pelvic Tilt: What Is the Best Way to Simulate Functional Positions?	Ed Marel

EP9_14	AQUACEL® Ag Surgical Dressing in Minimally Invasive Total Knee Arthroplasty - A Prospective, Randomized Study	Feng-Chih Kuo
E-Poster Session 12: THA Revisions & Outcomes		Hal Cates
EP12_1	Venous Thromboembolism Following Hip and Knee Arthroplasty: Is There a Difference Between Primary and Revision Surgery?	Bhaveen Kapadia
EP12_2	The Largest and the Longest Survival Study of Cemented Taper-Slip Femoral Exeter Hemiarthroplasty Stems to Date	Salah Hammouche
EP12_3	Middle-Term Results of Paprosky Type Iii Bone Defect Acetabular Revision Using Anti-Protusio Cage in Chinese Patients	Qiang Huang
EP12_4	Clinical Outcomes of Manual Physical Therapy and Exercise Following Micro-Superior Hip Replacement: A Case Series	Chandrika Lotwala
EP12_5	Patient Outcomes Following Implantation of Modular Neck Hip Prostheses in Primary THA	Aidin Eslam Pour
EP12_6	Midterm Results of a Moderately Crosslinked Polyethylene Liner in Hip Arthroplasty	Kirk Kindsfater
EP12_7	Multi-Component Rehabilitation Following Total Hip Arthroplasty: A Randomized Controlled Trial	Douglas Dennis
EP12_8	Dynamic Hip Kinematics During Golf Swing in Patients After Total Hip Arthroplasty	Satoshi Hamai
EP12_9	The Efficacy of Multimodal Periarticular Injection for THA	Soichi Tsuji
EP12_10	Lifetime Survivorship of 2000 Primary Charnley Total Hip Replacements: 40-Year Results	Matthew Abdel
EP12_11	Our Experience With Short Anatomical Femoral Stems- Three Year Report of 50 Cases	Sumeet Rastogi
EP12_12	Trend in Primary and Revision Hip and Knee Arthroplasty Among Those Who Take ABOS Part 2	Aidin Eslam Pour
EP12_13	Primary Total Hip Arthroplasty Dislocation Rates Have Decreased for Femoral Neck Fracture Patients	Scott Marston
EP12_14	What Safe Zone? The Vast Majority of Dislocated Hips	Matthew Abdel
E-Poster Session 14: Surgical Complications & Fractures?		Emam Abdel Fatah
EP14_1	Prevention of Surgical Site Infection After Hip and Knee Arthroplasty Via Decolonization of Staphylococcus Aureus Carriers	John Miller
EP14_2	The Effect of Pop Up Message on Orthopedic Surgeons and Patients With Osteoporotic Fractures	Joon Yub Kim
EP14_3	TBD	TBD
EP14_4	The Utility of MRI With Metal Artifact Reduction Sequencing in Diagnosing Periprosthetic Joint Infection after THA	Kaitlin Carroll
EP14_5	Transfracture Approach for Bipolar Hemiarthroplasty in Unstable Intertrochanteric Fracture	Srihatach Ngarmukos
EP14_6	Preoperative Class Improves Compliance With the Bacterial Decolonization in Patients Undergoing Joint Replacement	Mital Patel
EP14_7	In-Vitro Comparison of Cyclic Micromotion vs Pull-Out Methods for Investigating Primary Stability of Femoral Hip Prostheses	Dan Huff

EP13_3	Range of Motion Analysis to Optimize Total Hip Endoprosthesis Design to Minimize Impingement and Dislocation	Andrej Nowakowski
EP13_4	Effect of Various Surgical Approaches on the Patterns and Magnitudes of Hip Separation	Michael LeCour
EP13_5	Design Exploration Study of Implant Positioning Effects in Total Hip Replacement	Marc Horner
EP13_6	Acetabular Cup Alignment in Conventional Procedure	Makoto Yamanaka
EP13_7	Limb Length Discrepancy - Is Computer Navigation the Way Forward	Kamal Deep
EP13_8	Transglutal Approach for THA in Supine Position and Incidence of Dislocation	Francis Ghan
EP13_9	The Early Hemiarthroplasty With Various Modular Models	Kyuichi Hashimoto
EP13_10	Introducing a New Measurement for Tibia Torsion	Hamed Yaqzdanshenas
EP13_11	Initial Evaluation of a New Shortened M/L Tapered Femoral Stem for Minimally Invasive Hip Replacement	Daniel Allison
EP13_12	Is There a Benefit to Head Size > 36mm in Total Hip Arthroplasty?	Craig Della Valle
EP13_13	Comparison of Postoperative Bone Mineral Density Change Among 3 Different Cementless Implants: A 3-Year Follow-up	Yutaka Inaba
EP13_14	Bikini Hip Replacement – Surgical Technique Preserving Vessels & Deep Soft Tissues in DAA Hip Arthroplasty	Ikram Nizam
E-Poster Session 15: Native and Implanted Hip		Kazuo Hirakawa
EP15_1	Contralateral Templating Improves Offset Restoration Compared to Ipsilateral Hip in Total Hip Arthroplasty	Krishna Tripuraneni
EP15_2	Arthroscopic Labral Repair in Borderline Hip Dysplasia	Sang Eun Park
EP15_3	Results of Revision THAs Using Kerboul Acetabular Reinforcement Device With Structural Allograft	Hiroyuki Makita
EP15_4	Two Years Evaluation of Use of Tranexamic Acid and Its Efficacy in Paediatric Hip Reconstruction Surgery	Ibidumo Igah
EP15_5	Radiological Anatomy Of The Proximal Femur And Acetabulum	Murali Poduval
EP15_6	Resurfacing and Mini-Hip Arthroplasty in the Same Patients: A Qualitative and Quantitative Study of Patient Satisfaction	Luciano Agnello
12:00 PM	LUNCH	
12:45 PM	Session 20-B: Hip Anatomy and Technology Opportunities	Nobuhiko Sugano
O20B1	Femoral Derotation Osteotomies In Adults for Version Abnormalities	Robert Buly
O20B2	Out-of-Plane Rotation and Its Effect on Stem Templating	Emam Abdel Fatah
O20B3	The Use of Biotechnologies in Revision of Prosthetic Hip Replacement	Massimiliano Colombo
O20B4	New Design for Double-Tapered Stem: Modulus R	Loris Perticarini
O20B5	Computational Assessment of Femoral Heads on Cementless Total Hip Replacement Stability for Wear Reduction	Obinna Ihesiulor

EP14_8	Improving the Care of Fracture Neck of Femur Patients by Using a New Assessment Method	Salah Hammouche
EP14_9	Cementless Hip Arthroplast for Failed Dynamic Hip Screw Fixation for Per-Trochanteric Femoral Fractures	Sumeet Rastogi
EP14_10	Should Visual Acuity Assessment Become a Quality Indicator for Hip Fracture Management? A Prospective Study	Salah Hammouche
EP14_11	Risk Factors for Conversion to Total Hip Arthroplasty Following Hip Arthroscopy	Benjamin Domb
EP14_12	Prevalence of Deep Vein Thrombosis and Pulmonary Embolism Treated With Mechanical Compression Device Only After THA	Young-Hoo Kim
EP14_13	rhFGF-2 Gelatin Hydrogel Promotes Good Bone Regeneration From Inside the Necrotic Area of ONFH	Yutaka Kuroda
EP14_14	Greatly Prevention of Venous Thromboembolism With Calf Massage and Passive Ankle Motion in Total Hip Arthroplasty	Atsushi Funayama
12:00 PM	LUNCH	
12:45 PM	Session 20-A: Kinematics of the Knee	Kazuo Hirakawa
O20A1	Differences in Knee Mechanics between Customized, Individually Made BKR and Off-the-shelf TKR Patients During Walking	Henry Wang
O20A2	Intra-Operative Analysis of the Kinematic Behavior of a Total Knee Replacement by a Navigation System	Jean-Yves Jenny
O20A3	In-vivo Kinematic Analyses of Cruciate-Substituting (CS) Polyethylene Insert Before/After PCL Resection During TKA	Katsumasa Tei
O20A4	Kinematic Profile of Normal Knees	Kamal Deep
O20A5	Posterior-Stabilized Total Knee Arthroplasty Cannot Compensate for Tibiofemoral Rotational Changes After Posterior Cruciate Ligament Resection	Kazunari Ishida
O20A6	In Vivo Kinematics for Subjects Implanted With Either a Traditional or a Customized, Individually Made TKA	Ian Zeller
	Discussion	
1:45 PM	Session 21-A: Revision TKA & Complications	Steve Howell
O21A1	Morphology of the Proximal Tibia at Different Levels of Bone Resection for Revision Total Knee Arthroplasty	Shinichiro Nakamura
O21A2	Cementless Tibial Methaphyseal Fixation in Revision Total Knee Arthroplasty	Donald Pomeroy
O21A3	Factors Influencing the Outcome of Deep Infection Following Total Knee Arthroplasty	Naaki Nakano
O21A4	Femoral Nerve Block vs. Adductor Canal Block in Total Knee Arthroplasty: A Randomized Clinical Trial	Scott Ball
O21A5	Constitutional Knee Alignment Wear Patterns and Influence on Partial Knee Replacement	Christiaan Rudolf Oosthuizen
O21A6	Long-Term Clinical Outcomes and Survivorship of Revision TKA With Use of a Constrained	Young-Hoo Kim
	Discussion	
2:45 PM	CLOSING REMARKS/ADJOURN	

O20B6	High Incidence of Stem Loosening in Association With Periprosthetic Femur Fractures in Cementless Grit-Blasted Tapered-Wedge Stems	Youn-Soo Park
	Discussion	
1:45 PM	Session 21-B: TKA Design Factors	Scott Ball
O21B1	The Extent of Cement Correlates With a Radiolucency Around Implants Fixed With Hybrid Technique in RTKA	Myung Chul Lee
O21B2	Total Knee Arthroplasty With Allogenic Bone Graft Using Varus-Valgus Constrained Prosthesis in Neuropathic Knee	Churl Hong Chun
O21B3	Comparison of the Ten Year Outcome of Fixed and Mobile Bearing Knee Replacements	Gautam Chakrabarty
O21B4	Contributory Factors Affecting Cutting Error of Proximal Tibia in Total Knee Arthroplasty	Tadashi Tsukeoka
O21B5	Topical Tranexamic Acid in Simultaneous Bilateral Total Knee Arthroplasty	Herman Dhotar
O21B6	Prosthetic Reproduction of Distal Femoral Anatomy: Do More Sizes Equal Better Fit?	William Morris
	Discussion	
2:45 PM	CLOSING REMARKS/ADJOURN	