



Current Concepts in Arthroplasty 2026

Department of Orthopaedics, AIIMS, New Delhi



DELHI ARTHROPLASTY ASSOCIATION

Date: 31st July to 02nd August 2026 | Venue: Hyatt Regency, New Delhi

Tentative Program

Day 1 (Saturday, 1st August 2026)

TIME	SCREEN 1	SCREEN 2
	Live /Relive Surgery	Live /Relive Surgery
0800-0830	Robotic TKR Medial Congruent	Robotic DAA THR
0830-0900	Robotic UKR	Complex Primary THR
0900-0930	Robotic kinematic TKR	Revision THR
0930-1000	Robotic TKR Medial Stabilised	Revision THR
1000- 1030	Calipered Kinematic TKR	DAA THR
1030-1100	Revision TKR	Revision TKR
1100-1215	Invited Talk	Invited Talk
	SESSION 1	SESSION 1
	THR	TKR Techniques
	Screws in THR: Do you need them or Not	Pie Crusting in TKR : Is it safe
	Do Hip Precautions Matter After Posterior Approach Total Hip Arthroplasty	Medial epicydylar Osteotomy
	Iliopsoas impingement in THA	Modified Measured Resection Technique for TKR
	THR in Juvenile idiopathic arthritis	
	Dual Mobility THR	
	Porous Tantalum vs Porous Titanium	
	Physiotherapy in Joint Replacement: Does it Matter	
	SESSION 2	SESSION 2
	Pain Management	Alignment Classification
	Low-Dose Deflazacort Reduces Postoperative Pain and Inflammation Following Primary Total Knee Arthroplasty: A Randomized Controlled Trial	CPAK
	Additive analgesic effect of intermittent adductor canal infusion to pericapsular injection after total knee arthroplasty: A randomized controlled trial	Surgically Relevant Knee Phenotypes: The Modified Coronal Plane Alignment of the Knee System—A Deep Learning–Based Classification
	Surgeon Administred Adductor Canal Block	Knee SIPR

	Efficacy of Periarticular Local Infiltrative Analgesic Injection on Postoperative Pain Control and Functional Outcome in Sequential Bilateral Total Knee Replacement: A Prospective Controlled Trial in 120 Consecutive Patients	Functional knee phenotypes
	A comparative analysis of femoral nerve block with adductor canal block following total knee arthroplasty: A systematic literature review	Laxity Phenotype Assessment of the Knee (LPAK) Classification: A Mathematical Approach to Quantifying Soft Tissue Laxity in Total Knee Arthroplasty Using the Pythagorean Theorem
	Comparison of Efficacy of Adductor Canal Block, Local Infiltration Analgesia and Both Combined in Postoperative Pain Management After Total Knee Arthroplasty: A Randomized Controlled Trial.	Dynamic Alignment of the Knee (DyAK) Classification: Advancing Knee Evaluation in Robotic Arthroplasty
		SESSION 3
		Alignment Techniques
		Unrestricted Caliper Knee Alignment
		Functional Knee Alignment
		Restricted Kinematic Alignment
		Recovery Plateaus and Ceiling Effects of Commonly Used Patient-Reported Outcome Measures Following Primary Total Knee Arthroplasty
		Precision vs. tradition: evaluating alignment accuracy and functional outcomes in robotic vs. conventional total knee arthroplasty
		Precision Total Knee Arthroplasty: Restrictive Kinematic Alignment with Intellijoint KNEE
		Medial Pivot Total Knee Arthroplasty: Replicating Native Knee Kinematics and Early Clinical Outcomes
1215-1230	Keynote Talks	
	Does MCL Contract: Is the Need for Alternate Alignment Justified??	
1230-1300	Case/Panel Discussion	
	Alignment Conundrum	
1300-1330	Traumaplasty	
	Fix or replace in Acute Acetabular fractures	
	Cone for It Fracture	
	Total hip replacement in post-acetabular-fractures arthritis.	
	Beyond Fixation: Distal Femoral Replacement in Challenging Distal Femur Fractures	
	Decision making in B2 PPFx around THR	

1330-1430	Symposium on Artificial Intelligence
1330-1430	Invited Talks
	Joint Replacement: AI and Digital Strategy in Modern Arthroplasty
	Are We Still Learning in Silos? Orthopaedic Education in the Age of AI
	CT- and AI-Based 3D Planning and Navigation in Total Hip Arthroplasty: From Preoperative Planning to Intra-operative Execution and Follow-up
	How AI will transform Robotics
1400-1430	Case/Panel Discussion
	Arthroplasty Intelligence: Dawn of the AI Era
1430-1500	Case/Panel Discussion
	Cutting Edge or Costly Edge? Balancing Innovation with Value in Arthroplasty
1500-1530	Keynote Talks
	Preserve the Surgeon: Replace the Joint
	Indian Joint Registry
	Do Joint Replacements Last a Lifetime? A Data-Driven Analysis
1530-1600	Case/Panel Discussion
	Femoral Stem Selection: What Matters Most?
1600-1630	Case/Panel Discussion
	The Difficult Socket: Solving Acetabular Challenges in THR
1630-1700	Case/Panel Discussion
	Hemiarthroplasty: Relevance and Revision
1700-1830	Symposium on Revision THR
1700-1730	Invited Talks
	Extended Posterior (Adelaide) Approach for Revision THA
	Acetabular Reconstruction - revision choices
	Bursh-Shnider ring alone vs cup cage construct in massive acetabular bone defect in revision total hip arthroplasty
	3D Printed Custom-Made 3D-Printed Cup-Cage Implants for Complex Acetabular Defects: Indications, Planning and Clinical Experience cups for Revision THR
	Disruptive Technologies in Treating Chronic Pelvic Discontinuity
	Revisions of the femoral stem
1730-1800	Case/Panel Discussion
	Stem Wars: Mastering Revision THR Stems

1800-1830	Case/Panel Discussion
	Cup Conquered: Solving Revision THR Sockets
1830-1900	Keynote Talks
1900-2000	Breakout Sessions
Day 2 (Sunday, 2nd August 2026)	
0800-0930	Symposium on DAA
0800-0900	Invited Talks
	Predict Case Difficulty in Direct Anterior Approach Total Hip Arthroplasty
	Stem Selection in DAA:Doses it Matter
	Patient positioning,draping and Retractor Placement in DAA
	Releases in DAA
	Bikini Incision DAA
	Direct Anterior Total Hip Arthroplasty: Modern Techniques, Pitfalls, and Building a Safe Learning Curve
	The Difficult Anterior Hip: Complications, Bailouts, and How to Get Out of Trouble
	Spinopelvic Issues and DAA
	Intellijoint Navigation Versus Conventional Fluoroscopy in DAA
	Anterior vs. Posterolateral Hip Arthroplasty: A Comparative Analysis of Tissue Trauma, Biomarkers, and Recovery
	Revision Total Hip Arthroplasty Through the Direct Anterior Approach
	DAA in Fused Hip
0900-0930	Case/Panel Discussion
	Direct Anterior Approach: Pearls and Pitfalls
0930-1000	Case/Panel Discussion
	Posterior Stabilized Knee: Enduring Choice or Historical Relic?
1000-1030	Case/Panel Discussion
	Beyond the Box: Inserts Unplugged
1030-1045	Invited Talks
	Patellofemoral Tracking: How to get it Right
	Sagittal Plane Balancing in TKR
1045-1115	Case/Panel Discussion
	Third Space in TKR: Small Space, Big Impact

1115-1145	Case/Panel Discussion
	TKR in Obesity: Can We Improve the Odds?
1145-1200	Invited Talks
	Lateral Laxity in TKR: How much is acceptable ??
	Iliotibial band Tightness
	Swelling Post TKR
1200-1230	Case/Panel Discussion
	Unhappy TKR: Surgeons Dilemma
1230-1300	Case/Panel Discussion
	TKR After Trauma: Challenges and Solutions
1300-1330	Keynote Talks
	Whats in ,Whats Out in 2026
	ERAS and Same-Day Outpatient Arthroplasty: Building an Efficient and Safe Rapid Recovery Program
	Building Practice for Arthroplasty Surgeons
	Building a Legacy beyond Clinical Excellence
1330-1430	Symposium on Revision TKR
1330-1400	Invited Talks
	Why knees fail in 2025
	Diagnosis and Management of Mid-flexion/Flexion Instability
	Sleeves in Revision TKR
	Practical use of Trabecular cone in upper tibia
	Revision Uni Knee Arthroplasty - Tips and Tricks
1400-1430	Case/Panel Discussion
	Revision TKR: Rebuilding the Failed Knee
1430-1530	Symposium on Periprosthetic Fracture
1430-1530	Invited Talks
	Fracture in Exeter Stem
	UKR and Fractures
	Does Collar Really Matter
	Single or Double construct for Distal Femur Periprosthetic Fracture

1500-1530	Case/Panel Discussion
	Periprosthetic Fractures: A Surgeon's Tightrope Walk
1530-1700	Symposium on Periprosthetic Joint Infection
1530-1600	Invited Talks
	Controlling What We Can Control in Arthroplasty: A Practical Approach to Managing Bleeding and Contamination
	Intraosseus Antibiotic in Infected Joint replacement
	PJI in Megaprosthesis
	Leaky Postop Wounds:Red Flag for PJI
1600-1700	Case/Panel Discussion
	Periprosthetic Joint Infection: The Final Frontier