

**APQA25**  
*Cairns, Australia*  
9-12 April 2025

**Artificial  
Intelligence,  
Robotics  
and Mixed  
Reality**



Free Papers  
Short Oral 2025



# Free Papers - Short Oral Presentations

## THURSDAY 10TH APRIL 12.30 - 1.30PM EXHIBITION AREA

12.34pm	Cross sectional study to assess knee deformities in pediatric outpatients and its correlation with nutritional status and regulators of bone metabolism	<b>Akash Ramshankar</b> <b>Vishwakarma</b>
12.36pm	Tibial tubercle osteotomy for the exposure of complex primary and revision TKR- our 21 years of experience	<b>Ameya Ajit</b> <b>Katariya</b>
12.38pm	Outcome Of Hip Abduction Bracing (HAB) and Closed Reduction Casting In Developmental Dysplastic Hips (DDH). A Comparative Early And Long Term Follow-up Outcome	<b>Anisuddin Bhatti</b>
12.40pm	Femur Nailing Post-Fat Embolism Syndrome: Advancing Femur Fracture Management in Polytrauma Cases	<b>Apoorva Praveen</b> <b>Kabra</b>
12.42pm	Three in one procedure for habitual dislocation of patella	<b>arun kumar sharma</b>
12.44pm	Research on Determining Bony Landmarks for Accurate Tibiofibular Syndesmotic Fixation: Cadaveric Validity and Safety Analysis of Angle Bisector Method	<b>Bedri</b> <b>Karaismailoglu</b>
12.46pm	Functional Outcome of Acetabular Fracture Using Majeed Score: A Single-center Retrospective Study	<b>Bintang Soetjahjo</b>
12.48pm	Acetabular fracture and central hip dislocation in osteogenesis imperfecta child treated surgically with bone grafts augmented by recombinant human bone morphogenetic protein-2: A rare case report	<b>Bintang Soetjahjo</b>
12.50pm	Prediction of Joint Moments from Kinematics Using Machine Learning in Children with Congenital Talipes Equino Varus and Typically Developing Peers	<b>Chasanal Rathod</b>
12.52pm	Assessing the Necessity of Treating Distal Radius Fractures in Extremely Old Patients with Concurrent Ulnar Styloid Fractures	<b>Chen Lin-Mu</b>
12.54pm	Novel Stabilized Method with Absorbable Suture Loop and Knotless Suture Anchor in Augmentation of Medial and Lateral Collateral Ligament Helps Accelerate Early Rehabilitation in Acute Unstable Posterior Elbow Dislocation	<b>Chien Ming Chen</b>
12.56pm	A Computer-Assisted Diagnostic Method for Classification of Iliac Wing Fractures	<b>Chun-Hao Tsai</b>
12.58pm	Radiologic and clinical outcome comparison between expandable and static cages in open TLIF surgery: Two years retrospective cohort study	<b>Chun-Yi Li</b>
1.00pm	Thickness of simple calcaneal tuberosity avulsion fractures influences the optimal fixation method employed	<b>Chunliang Wang</b>
1.02pm	The Association Between Upper Extremity Fragility Fractures and Lower Extremity Fractures in Elderly Patients: A Retrospective Analysis	<b>Derya Akbaba</b>
1.04pm	Finger-pointing to the wrong conclusion? Pilot study into the validity of common method of assessing for integrity of Flexor Digitorum Superficialis by blocking Flexor Digitorum Profundus function	<b>Dr Shyan Goh</b>
1.06pm	Concurrent Pes Anserine Bursitis in patients referred for symptomatic knee osteoarthritis and its implications for Australian Commission on Safety And Quality In Health Care Osteoarthritis of the Knee Clinical Care Standard	<b>Dr Shyan Goh</b>
1.08pm	Incidence and Risk factors analysis of proximal femoral nail impingement in patients of intertrochanteric femur fracture -A Prospective Observational Study of Indian population	<b>Shaikh Sana</b> <b>Mohammed Aamir</b>



**Artificial  
Intelligence,  
Robotics  
and Mixed  
Reality**



## THURSDAY 10TH APRIL 3.30 - 4.00PM EXHIBITION AREA

3.32pm	Improvements in RA peri-fracture care have offset increased mortality	<b>Owen Taylor-Williams</b>
3.34pm	Management Outcome of Knee Septic Arthritis in Neonates and Infants : A Systematic Review	<b>Paramita Ayu Saraswati</b>
3.36pm	Transforaminal Epidural Steroid Injection in the Treatment of Pain in Foraminal and Extraforaminal Lumbar Disc Herniations	<b>Petrea Iftimie Iftimie</b>
3.38pm	Nailing in segmental fractures of femur shaft- Analysis of determinants of union	<b>Prasiddh Hegde</b>
3.40pm	Comparison of Epidural Analgesia vs Intraoperative Peri-Articular Injection for Pain Management Following Total Knee Arthroplasty	<b>Rahman Rasool Akhtar</b>
3.42pm	Effect of Pre-Operative Serum Vitamin-D Levels on Post-Operative Outcome in Total Knee Arthroplasty	<b>Rahman Rasool Akhtar</b>
3.44pm	Use of tibialization of fibula and contralateral non-vascularized fibula for reconstruction of malignant/benign aggressive tumours of distal-mid tibia	<b>Rajesh Arora</b>
3.46pm	Age-wise comparative analysis of patients undergoing total knee arthroplasty: A multicenter indigenous experience	<b>Kunal Aneja</b>
3.48pm	Effect of intravenous dexamethasone as an adjuvant to Bupivacaine in USG guided Supraclavicular Brachial Plexus Block for postoperative analgesia after upper limb surgery	<b>Reetu Verma</b>
3.50pm	Role of percutaneous plantar fascia release in Ponseti serial casting of delayed presented clubfoot	<b>Salik Kashif</b>
3.52pm	Flat Foot and Knee Pain, Is it often Overlooked? A Scoping Review	<b>Samuel Andi Kusuma</b>
3.54pm	Prospective Randomized Study To Evaluate The Therapeutic Effect Of High Volume V/S Low Volume Caudal Epidural Injections In Lumbar PIVD	<b>Sanjiv Kumar</b>
3.56pm	A Radiological Effectiveness of Fixed-Angle C-arm Tomosynthesis Image to Ensure Proper Screw Position at Scaphoid Fracture Models	<b>SeongJu Choi</b>
3.58pm	Treatment of Avascular Necrosis of Femoral Head with Preserving Natural Joint by Laser Augmented PRP	<b>Shahidul Islam</b>

# Free Papers - Short Oral Presentations

## FRIDAY 11TH APRIL 12.30 - 1.30PM EXHIBITION AREA

12.32pm	Conversion of the Sagittal Functional Safe Zone to the Coronal Plane Using a Mathematical Algorithm The Reason for Failure of the Lewinnek Safe Zone	Hao Tang
12.34pm	Residual Deformity and Outcome in Non-Surgically Treated Tibial Shaft Fractures in Adolescents	Josiah Paolo Montales Mutia
12.36pm	Novel Patient Specific Coronoid Reconstruction using 3D-Metal Printing for Comminuted Coronoid Process Fracture: A Prospective Cadaveric Study with Clinical Applications	Myung-Sun Kim
12.38pm	Comparison of Short and Long Proximal Femoral Nail in the Management of Intertrochanteric Femur Fractures in Terms of Mean Operative Time and Per-operative Blood Loss	Junaaid Khan
12.40pm	Short-term outcomes of meniscus repair are not clinically worse than arthroscopic partial meniscectomy: A retrospective cohort study of 219 patients.	Kamaraj Thirukumaran
12.42pm	Disparity in clinical and radiological responses to denosumab in Giant cell tumor: A Comparative analysis	Lalit Maini
12.44pm	Coverage of fingertip amputation in lesser digits with volar advancement flap	Marvin Man Ting Chung
12.46pm	Clinico radiological outcome of Postero-medial fixation in Tibial Plateau Fractures	Mayank Mahendra
12.48pm	Comparative Outcomes of MIS TLIF and MIDLIF in the Treatment of Spondylolisthesis: A Retrospective Study	Ming-Hsien Hu
12.50pm	Treatment of the deformities due to metabolic disease	Mofakhkharul Bari
12.52pm	Diagnostic Accuracy of Lever Sign Test in Acute and Chronic ACL Injuries	mohd ammar aslam
12.56pm	Risk factors for the severity of heterotopic ossification in patients with cerebral palsy	Muharrem Inan
12.58pm	Early Result of arthroscopic lateral collateral ligament imbrication in atraumatic posterolateral rotatory instability	Nattakorn Mahasupachai
1.00pm	Efficacy of Topical Tranexamic acid in Total Knee Arthroplasty- a prospective study	Nitish Khosla
1.02pm	Mid to Long Term Outcomes of Intertrochanteric Fracture Management Using Double Lag Screw Proximal Femoral Nail	Muhammed Yusuf Afacan
1.04pm	A Rare Case of Intraosseous Hemangioma Complicated by Prevotella bivia Infection: An Anaerobic Infection Following a Dental Infection	Muhammed Yusuf Afacan
1.06pm	Surgical Treatment of Isolated Greater Tuberosity Fractures: A Case Report and Literature Review Application of the Fibonacci Golden Ratio in Pelvic Anatomy: An Innovative Approach for Orthopedic Assessment through Radiological Imaging	Muhammed Yusuf Afacan Muhammed Yusuf Afacan



**Artificial  
Intelligence,  
Robotics  
and Mixed  
Reality**



## FRIDAY 11TH APRIL 3.30 - 4.00PM EXHIBITION AREA

3.32pm	Additional cement augmentation reduces cage subsidence and improves clinical outcomes in oblique lumbar interbody fusion combined with anterolateral screw fixation: A retrospective cohort study	Shih-Feng Hung
3.36pm	Migration patterns of acetabular cups: a systematic review and meta-analysis of RSA studies	Stuart Callary
3.38pm	Comparative Analysis of Lower-Limb Open Fractures: Impact of Arterial Injury on Clinical Outcomes - A Retrospective Cohort Study	Syed Akmal Sultan
3.40pm	Evaluation of Acetabular Fracture Fixation: Clinical and Functional Outcomes Assessed with the Modified Harris Hip Score – Insights from a Single Trauma Center Experience	Syed Akmal Sultan
3.42pm	Peroneal Nerve Injury Followed by Proximal Fibular Osteotomy: The Impact of Osteotomy Level	Tim Chang
3.44pm	The Outcomes of the Ilizarov Technique as a Limb Salvage Procedure for Critical Bone Defects In Neglected or Open Lower Extremity Fractures: Experience from a Tertiary Care Trauma Centre	Vickash Kumar
3.46pm	An analysis of factors associated with the carrying angle of human elbow in paediatric age group	Vikas Verma
3.48pm	An Innovative Method of CRPP for the Treatment of Type III & IV Supracondylar Fractures Humerus in Children Without Fear of Conventional Complications	Visyadharan Anulkumar
3.50pm	A Novel method of Closed Reduction Percutaneous Pinning for Bicondylar Tibial Plateau Fractures with impending soft tissue complication	Visyadharan Anulkumar
3.54pm	Short-term outcomes of distal metatarsal osteotomy for mild to moderate and severe hallux valgus.	Yuzuru Sakakibara
3.56pm	Quality of Life in Patients with Failed Back Syndrome after Surgery for Lumbar Spinal Stenosis: A Single Center Retrospective Study	Zairin Noor