

## SOA & AFFAS 2025 Oral Presentation

FP 5 – Paediatric and Sports

31 Oct 2025 | 13:30 – 15:00 | Kingfisher Room

Moderators [Ooi Lai Hock](#) & [Eric Cher](#)

13:30-15:00	ID No.	Topic	Presenter
13:30-13:35	213	Surgeon Attitudes and Practices Regarding Paediatric Patellar Instability: A Survey-based Comparison Between Asia Pacific and North America	Neo Bo Xiang Bryan
13:35-13:40	224	Patellar Instability in Children and Adolescents: A Systematic Review and Meta-analysis of Differing Trends in Incidence, Diagnosis and Management between Asia Pacific and North America	Heng Woon Theng
13:40-13:45	221	From Guidelines to Generative AI: Can Large Language Models Generate Effective Patient Education Materials in Paediatric Orthopaedics?	Lee Jun Rui Daylon
13:45-13:50	182	Clinical Evaluation of Remote Home Gamified Rehabilitation for Patients with Frozen Shoulder: A Pilot Study	Zhang Chen
13:50-13:55	70	Functionally Graded Scaffold Incorporating M2 Macrophage-derived LncRNA-Encoded Peptide: Mechanistic Insights and Therapeutic Assessment for Rotator Cuff Repair	Zhang Gonghao
13:55-14:00	16	Can ChatGPT Provide Personalized Responses for Frequently Asked Questions Regarding Anterior Cruciate Ligament Reconstruction?	Zhang Siyuan
14:00-14:05	285	Mid Term Outcomes of Biological Resurfacing of Grade IV Articular Cartilage Ulcers in Knee Joint With an Esterified Hyaluronic Acid Scaffold (hyalofast)	Guo Junhong Derrick
14:05-14:10	278	Retrograde Drilling for Pediatric Osteochondral Lesions of the Talus: Clinical Outcomes	Naoya Ito
14:10-14:15	65	Autologous Osteoperiosteal Transplantation versus Osteochondral Transplantation for Large Cystic Osteochondral Lesions of the Medial Talus: 2-year Results from a Prospective Randomized Controlled Trial	Yang Shuai
14:15-14:20	239	Finite Element Analysis of Biomechanical Stress Changes associated with Talar Cartilage Defects	Chang Fei
14:20-13:25	131	Cryopreserved Cartilage Allograft with Autologous Bone Grafting for Deep, Critical Sized Osteochondral Lesions of the Talus – A Case Series with Clinical and Radiological Outcomes	Fong Jiawen
14:25-14:30	264	Two-year Outcomes of All-arthroscopic Autologous Cancellous Bone Transplantation in Large Cystic Osteochondral Lesions of the Talus: Functional Improvements, Sports Participation and Radiographic Recovery	Hu Fengyi
14:30-14:35	200	Efficacy of Customized 3D-printed Metal Total Talar Prosthesis Replacement for Severe Talar Lesions	Li Zhaoyan
14:35-14:40	315	Evaluation of the Visualization Range of the Talar Dome Cartilage Surface by Ultrasonography Using MRI as a Reference	Zou Jiaming
14:40-14:45	53	Human Umbilical Cord-derived Mesenchymal Stem Cells Prevent Post-traumatic Ankle Osteoarthritis via Anti-inflammatory and Chondroprotective Mechanisms	Ju Jiabao