



**Orthopaedic Research & AOTrauma  
Gardenia Room (mezzanine floor)**

**Thursday Dec 8<sup>th</sup>, 2022**

Time	Gardenia Room
09:00–10:30	<p><b>RESEARCH SYM 1 – Tried and Tested</b>  <b>Moderator:</b> <a href="#">Francis Wong (Singapore)</a></p> <p>0900-0915 The Past, The Present And The Future Of Orthopaedic Surgery Research – <a href="#">Kamarul Zaman, Malaysia</a></p> <p>0915-0930 Platelet Derived Extracellular Vesicles In Treating Knee Osteoarthritis: In Vitro Characterisation And Clinical Outcomes – <a href="#">Chong Pan Pan, Malaysia</a></p> <p>0930-0945 An Overview On MSC Exosomes Research In Orthopaedic Surgery – <a href="#">Toh Wei Seong, Singapore</a></p> <p>0945-1000 Evaluation Of Scaffold-free, Self-assembled Neocartilage For Cartilage Repair – <a href="#">Dean Wang, USA</a></p> <p>1000-1015 Bio-mechanical Study Set-up In The Upper Extremity: My Experience – <a href="#">Erica Kholinne, Indonesia</a></p> <p>1015-1030 Q&amp;A</p>
10:30-11:00	COFFEE BREAK
11:00-12:00	<p><b>P BALASUBRAMANIAM Young Investigator's Award</b>  <b>Moderator:</b> <a href="#">Francis Wong (Singapore)</a>  <b>Judges:</b> <a href="#">Erica Kholinne (Indonesia)</a>, <a href="#">Kamarul Zaman (Malaysia)</a> &amp; <a href="#">Dean Wang (USA)</a></p> <p>1100-1115 YOIA44 Exosome Augmentation Enhances Healing In Primary Repair Of Anterior Cruciate Ligament Tears – <a href="#">Law Gin Way, NUH</a></p> <p>1115-1130 YOIA77 Rotator Cuff Repair With An Interposition Polypropylene Mesh – A Biomechanical Ovine Study – <a href="#">Lim Shang Rong Winston, SGH</a></p> <p>1130-1145 YOIA64 Determining The Optimum Dimensions Of 3D-printed Cutting Jigs For Use In Orthopaedic Surgery: A Biomechanical Study – <a href="#">Kwan Yiu Hin, TTSH</a></p> <p>1145-1200 YOIA99 Circumferential Bioelectronics Enable Spinal Cord Recording And Stimulation Bypass Following Spinal Cord Injury – <a href="#">Jiang Lei, SGH</a></p>
12:00-13:15	<p><b>APORS SYM @SOA – From Cells To Secretomes To Scaffolds: Bench To Clinical Practice</b>  <b>Moderators:</b> <a href="#">Joyce Koh (Singapore)</a> &amp; <a href="#">Francis Wong (Singapore)</a></p> <p>1200-1215 Bone Stem Cells For Corrective Osteotomy: From Bench To Bedside – <a href="#">Boonsin Tangtrakulwanich, Thailand</a></p> <p>1215-1230 MSC, Secretome, Somatotrophin And Exosome For Cartilage Regeneration: The New Way Forward? From Bench To Bedside – <a href="#">Ismail Hadisoebroto Dilogo, Indonesia</a></p> <p>1230-1245 Trials And Tribulations When Conducting Stem Cell Clinical Trials In Orthopaedic Surgery – <a href="#">Sureshan Sivanathan, Malaysia</a></p> <p>12:45-1300 Which Scaffold Should I Use For Knee Cartilage Defects? Should I Add Bone Marrow Aspirate Concentrate As Well? – <a href="#">Francis Wong, Singapore</a></p> <p>1300-1315 Q &amp; A</p>
13:15-14:00	<p><b>GEN-Y Lunch Symposium</b></p> <p>1315-1345 Treatment Of Cartilage Defects Using Acellular Scaffolds And BMAC: Techniques And Tricks To Better Outcomes – <a href="#">Francis Wong, Singapore</a></p> <p>1345-1400 Q &amp; A</p>
14:30-15:30	<p><b>FREE PAPER 1 - Arthroscopic Surgery and Sports I</b>  <b>Moderators:</b> <a href="#">Dean Wang (USA)</a> &amp; <a href="#">Francis Wong (Singapore)</a></p>
15:30-16:00	COFFEE BREAK
16:00-17:00	<p><b>FREE PAPER 2 - Arthroscopic Surgery and Sports II</b>  <b>Moderators:</b> <a href="#">Erica Kholinne (Indonesia)</a> &amp; <a href="#">Derrick Guo (Singapore)</a></p>

17:00-18:06	FREE PAPER 3 - <b>General Orthopaedics I</b> <u>Moderators:</u> <a href="#">Png Wenxian (Singapore)</a> & <a href="#">Kinjal Mehta (Singapore)</a>
19:30-23:30	<b>SOA PRESIDENTIAL DINNER at 1-Atico</b> (by invitation)

**Friday Dec 9<sup>th</sup>, 2022**

<b>Time</b>	<b>Gardenia Room</b>
08:00-08:30	9 <sup>TH</sup> EXECUTIVE COMMITTEE MEETING OF APORS
08:30-09:00	ANNUAL GENERAL MEETING OF AORS
09:00-10:35	<p><b>RESEARCH SYM 2 – The Way Forward</b> <u>Moderator:</u> <a href="#">Francis Wong (Singapore)</a></p> <p>0900-0920 A Systematic Way To Being A Successful Clinician Innovator – <a href="#">Siow Wei Ming, Singapore</a>            0920-0935 Clinical Innovations: 3D Printing In Orthopaedic Surgery – <a href="#">Henry Soeharno, Singapore</a>            0935-0950 Overview of Biomechanics Research Of The Shoulder Joint – <a href="#">Nobuyuki Yamamoto, Japan</a>            0950-1005 Surgical Innovations: A Translational Study In Shoulder Surgery - <a href="#">Erica Kholinne, Indonesia</a>            1005-1015 Device Innovations: Patient-specific Instrumentation For Knee Osteotomy - <a href="#">Dean Wang, USA</a>            1015-1030 For Medical Students: The Medical Student Way Of Getting High Impact Research As The First Author: Systematic Reviews And Meta-Analyses – <a href="#">Ow Gene Wing, Zachariah, Singapore</a>            1030-1035 Q&amp;A</p>
10:35-11:00	COFFEE BREAK
11:00-11:42	FREE PAPER 4 - <b>Spine</b> <u>Moderators:</u> <a href="#">Daniel Chan (Singapore)</a> & <a href="#">Huang Yilun (Singapore)</a>
11:45-12:15	FREE PAPER 5 - <b>General Orthopaedics II</b> <u>Moderator:</u> <a href="#">Henry Soeharno (Singapore)</a>
12:15-13:21	FREE PAPER 6 - <b>Hip &amp; Knee Arthroplasty</b> <u>Moderator:</u> <a href="#">Tan Tong Leng (Singapore)</a>
13:21-14:10	LUNCH
14:10-15:00	<p><b>RESEARCH SYM 3 – Shoulder Biomechanics Research</b> <u>Moderator:</u> <a href="#">Erica Kholinne (Indonesia)</a> &amp; <a href="#">Benjamin Seah (Singapore)</a></p> <p>1410-1430 Lateralisation Of The Centre Of Rotation Of A Screwed Glenoid Prosthesis Is Associated With Glenoid Bone Microstrains And Strain Energy Densities Appropriate For Osteoblastic Activity During Functionally Relevant Loading Protocol - <a href="#">Chin Kuen Foo, UK</a>            1430-1450 Biomechanical Analysis Of A Hip-inspired Computer-aided-design And Computer Aided Manufactured (CAD/CAM) Hemispherical Glenoid Shell For Glenoid Deficient Revision Shoulder Arthroplasty - <a href="#">Chin Kuen Foo, UK</a>            1450-1500 Q &amp; A</p>
15:00-15:42	FREE PAPER 7 - <b>Shoulder &amp; Elbow</b> <u>Moderators:</u> <a href="#">Erica Kholinne (Indonesia)</a> & <a href="#">Benjamin Seah (Singapore)</a>
15:42-17:06	FREE PAPER 8 – <b>Trauma</b> <u>Moderators:</u> <a href="#">Diarmuid Murphy (Singapore)</a> & <a href="#">Ivan Chua (Singapore)</a>
19:30-23:30	<p><b>GALA DINNER at Shangri-la Hotel</b> (all participants are invited)</p> <p><b>DONALD GUNN LECTURE – Paul Chang, Singapore</b></p>

Time	Gardenia Room
08:30-09:40	<p><b>AOTRAUMA - Complex Periarticular Fractures Of The Knees And Hips</b></p> <p>AOTRAUMA SYM 1 – <b>Complex Hip Fractures</b>  <u>Moderator:</u> <a href="#">Woo Yew Lok (Singapore)</a></p> <p>0830-0850 Tips And Tricks In Dealing With Unstable Intertrochanteric Fractures – <a href="#">Diarmuid Murphy, Singapore</a>            0850-0910 Lateral Position Nailing Of Proximal Femur Without Traction Table – <a href="#">Dhaval Desai, India</a>            0910-0930 Atypical Femoral Fractures vs Osteoporosis: Is It Worth The Risk? – <a href="#">Howe Tet Sen, Singapore</a>            0930-0940 Q &amp; A</p>
09:40-10:30	<p>AOTRAUMA SYM 2 – <b>Knee Periarticular Fractures</b>  <u>Moderator:</u> <a href="#">Joyce Koh (Singapore)</a></p> <p>0940-1020 Debate: Distal Femur Fractures: To Fix Or To Replace?            Fixation - <a href="#">Dhaval Desai, India</a>            Replacement – <a href="#">Poon Kein Boon, Singapore</a></p> <p>1020-1030 Q &amp; A</p>
10:30-11:00	COFFEE BREAK
11:00-12:15	<p>AOTRAUMA SYM 3  <u>Moderator:</u> <a href="#">Andy Yeo (Singapore)</a></p> <p>1100-1120 Evolution Of Tibial Plateau Fractures, From Front To Back – <a href="#">Ivan Chua, Singapore</a>            1120-1150 Treating Tibial Plateau Fractures Using Ring Fixators – <a href="#">Antony Gardner, Singapore</a>            1150-1210 Soft Tissue Coverage Of The Lower Limbs: What Orthopaedic Surgeons Should Know? –  <a href="#">Tan Bien Keem, Singapore</a>            1210-1220 Q &amp; A</p>
12:20-12:25	<b>Award Ceremony for Three Best Trauma Free Paper Presentation</b>
12:25-12:35	<p>AO TRAUMA SYM 4  <u>Moderator:</u> <a href="#">Woo Yew Lok (Singapore)</a></p> <p>1225-1235 Discussion &lt;Clinical&gt; Open Fracture Or &lt;S&gt; Classification – <a href="#">Tour Phot Sin, Cambodia</a>            1235-1240 Q &amp; A</p>
12:40-14:00	LUNCH