

22nd PASMISS & SSS 5th Annual Meeting
July 28 – 31, 2022, Singapore
MINIMALLY INVASIVE SPINE SURGERY, Where Are We Now?

Thursday July 28, 2022

Time	Residence 6 (L3)	Gallery 1 & 2 (L1)
06:00 – 14:00	Golf Tournament @Laguna Golf Resort	
13:00 – 18:00	Registration (<i>Residence Foyer, L3</i>)	
16:00 – 16:30	PASMISS Board Meeting (Domestic)	MEDTRONIC Workshop 14:00-17:30 Robotic Spine Surgery: The Future Today Moderators: Shree Dinesh & Jacob Oh 1400-1430 My Personal Journey With The Mazor Robot - David Edis, Australia 1430-1600 The Singapore Experience – Shree K Dinesh, Jacob Oh & Reuben Soh, Singapore 1600-1630 Coffee Break 1630-1730 Hands-on Demo
16:30 – 19:00	PASMISS Board Meeting	
	Welcome Reception	

Friday July 29, 2022

Time	Grand Ballroom (L3)	Grand Saloon 1 (L2)	
07:30 – 17:00	Registration (<i>Residence Foyer L3</i>)		
08:00 - 08:15	Opening and Welcome Addresses <ul style="list-style-type: none"> • Naresh Kumar – President, Pacific and Asian Society of Minimally Invasive Spine Surgery • Yung Hua Li – President, Singapore Spine Society 		
08:15 – 09:20	Plenary Lectures 1 – 3 Moderators: Masatsune Yamagata, Yung Hua Li & Naresh Kumar 0815-0835 PL1 – Endoscopic Spine Surgery: Where Are We Now And Where Are We Going? - Seok Woo Kim, Korea 0835-0855 PL2 – Evolution In Spine Metastasis Treatment – From Open Maximally Invasive Surgery To Minimally Invasive Surgery – Christian Mazel, France 0855-0915 PL3 – All That Glitters Is Not Gold: Early Innovation Vs The Bandwagon - Michael Grevitt, UK 0915-0920 Fellowship / Fraternity Message – Thomas Blatter, President, Spine Society of Europe		
09:20 - 09:45	COFFEE BREAK (<i>Grand Residence L3</i>)		
09:45 – 11:15	Symposium 1: MIS Lumbar Fusion Moderators – JaeYoon Chung, Kevin Seex & Reuben Soh 0945-1000 Minimum Invasive PLIF For Isthmic Spondylolisthesis - Hidetomi Terai, Japan 1000-1015 MIS Lateral Fusion In Minor And Major Lumbar Deformity– Jae-Chul Lee, Korea 1015-1045 Percutaneous Endoscopic Transforaminal Lumbar Interbody Fusion: A Novel Technique-sentinel Pinning With Lateral Retractor For Protection Of Exiting Root – YiHung Huang, Taiwan 1045-1100 Improving Lordosis Is MIS Fusions – What's My Technique? - Worawat Limthongkul, Thailand 1100-1115 Q & A	Symposium 2: MIS Discectomy/Decompression Moderators – Jwo-Luen Pao, Shrinivas Rohidas & Jacob Oh 0945-1000 Awake Transforaminal Percutaneous Endoscopy - Yudha Mathan Sakti, Indonesia 1000-1115 Case Presentation – L4/5 Disc Herniation With Stenosis, What Is The Preferred Approach? <ul style="list-style-type: none"> • Why I Choose Tubular - Colum Nolan, Singapore • Why I Choose Uniportal Transforaminal Approach - Christoph Hofstetter, US • Why I Choose Uniportal Interlaminar Approach - Keng-Chang Liu, Taiwan • Why I Choose Endoscopic UBE – Ho-Jin Lee, Korea 	
11:15 – 12:30	Symposium 3: MIS in Tumour, Infection & Deformity Moderators – Keng-Chang Liu, Noor Zairin & Shree Dinesh 1115-1130 SBRT And Proton Beam Therapy – Balamurugan Vellayappan, Singapore 1130-1145 Separation Surgery and CFR Peek Implants In Tumour Surgery – Naresh Kumar, Singapore 1145-1200 Minimally Invasive Approaches For Management Of Tuberculosis Of Dorsal And Lumbar Spine– Nitin Garg, India 1200-1215 MIS Anterior Vertebral Tethering for Scoliosis – Hee Kit Wong, Singapore 1215-1230 Q & A	Symposium 4: Advanced Techniques in Endoscopic Spine Surgery Moderators – Alastair Gibson & YiHung Huang 1115-1130 Posterior Cervical Endoscopic Discectomy – Dennis Hey, Singapore 1130-1145 UBE Fusion – Ju Eun Kim Korea 1145-1200 Cervico-thoracic Applications For Endoscope – What We Can Achieve?" - Cheng-Li Lin, Taiwan 1200-1215 Solving Surgical Complications With The Endoscope – Small Solutions For Big Problems - Ralf Wagner, Germany 1215-1230 Q & A	
12:30 – 13:30	MEDTRONIC Lunch Talk Moderators: Shree Dinesh & Jacob Oh Advanced Techniques For Spinal Navigation – David Edis, Australia	NUVASIVE Lunch Talk Moderator: Gabriel Liu Transitioning From Transpsoas To Anterior To Psoas, Pitfalls, Tips And Tricks - Reuben Soh, Singapore	
13:30 – 14:30	Grand Ballroom (L3) Free Paper 1 – Endoscopic Moderators: Cheng-Li Lin & Wu Pang Hung	Residence 6 (L3) Free Paper 2 – Fusion Moderators: Keng-Chang Liu & Ling Ji Min	Grand Salon 1 (L2) Free Paper 3 – Basic Science Moderators: Kuo-Yuan Huang & Jonathan Tan

Friday July 29, 2022

14:30 – 15:30	<p>Plenary Lectures 4 – 6 Moderators: Ming-Chau Chang, Dong-Eun Shin & Seang Beng Tan</p> <p>1430-1450 PL4 - Current State Of The Art In Endoscopic Spine Surgery - Alastair Gibson, UK 1450-1510 PL5 - Qualification System For Endoscopic Spine Surgery - Masatsune Yamagata, Japan 1510-1530 PL6 – 3D Endoscope In Endoscopic Spine Surgery Experience Since 2017 – Shrinivas Rohidas, India</p>		
15:30 – 16:30	<p><u>Grand Ballroom (L3)</u> Free Paper 4 – Endoscopic Moderators: Dong-Eun Shin & Marcus Ling</p>	<p><u>Residence 6 (L3)</u> Free Paper 5 – Fusion Moderators: Young-Yul Kim & Poh Ling Fong</p>	<p><u>Grand Salon 1 (L2)</u> Free Paper 6 – General Moderators: Ming-Chau Chang & Eugene Yang</p>
16:30 – 17:00	COFFEE BREAK (<i>Grand Residence L3</i>)		
17:00 – 18:00	<p>GLOBUS Evening Talk Staying Up-To-Date On Innovation And Technology</p> <p>Advanced Lateral Applications With ExcelsiusGPS – John Choi, Australia</p> <p>Deformity Correction With The Assistance Of ExcelsiusGPS® - Reaching Difficult Trajectories Where Screw And Interbody Placement Is Crucial – Pheddy Phe, Indonesia</p>		<p>TRANSMEDIC Evening Talk Disc Arthroplasty Moderator: Dennis Hey</p> <p>Current Thoughts On Cervical Disc Replacement – Rudolf Bertagnoli, Germany</p> <p>Current Thoughts On Lumbar Disc Replacement - Jack Zigler, US</p>
19:30-22:30	<p>Presidential Dinner @ British Club (<i>by invitation</i>)</p>		

Saturday July 30, 2022

Time	Grand Ballroom (L3)	Grand Saloon 1 (L2)
07:30 – 17:00	Registration (<i>Residence Foyer L3</i>)	
08:00 – 09:00	<p>JOHNSON & JOHNSON Breakfast Talk Moderator: Seang Beng Tan</p> <p>Advances In MIS Surgery- Marcus Ling, Singapore</p>	<p>BAXTER Breakfast Talk Moderator: Raghavendra Mayya</p> <p>Intra-operative Bleeding: A Menace In Complex Endoscopic Spine Surgeries - Ju-Eun Kim, Korea</p>
09:00 – 10:00	<p>Best Papers 1 – Fusion Moderator: Daniel Chan, Singapore</p> <p><u>Judges:</u> Irianto Komang Agung, Indonesia Terai Hidertomi, Japan Ruey-Mo Lin, Taiwan Michael Grevitt, UK</p>	<p>Best Papers 2 - Non-Fusion Moderator: Colum Nolan, Singapore</p> <p><u>Judges:</u> Zarini Noor, Indonesia Masatsune Yamagata, Japan Park Yung, Korea Ravi Bains, US</p>
10:00 – 11:00	<p>Plenary Lectures 7 – 9 Moderators: Seok Woo Kim, Yen-Mou Lu & Gabriel Liu</p> <p>1000-1020 PL7 – Correction Of Coronal Imbalance With OLIF And PPS - Jae-Sung Ahn, Korea 1020-1040 PL8 - MIS 360° - Reconstruction Techniques In Thoracolumbar Fractures - Thomas Blattert, Germany 1040-1100 PL9 – Sacrojoint Pain Surgical Solutions - Ravi Bains, US</p>	
11:00 – 11:30	COFFEE BREAK (<i>Grand Residence L3</i>)	
11:30 – 12:30	<p>Plenary Lectures 10 – 12 Moderators: Jae-Sung Ahn, Ruey-Mo Lin & Reuben Soh</p> <p>1130-1150 PL10 - Robotic Spine Surgery: Report of 1000 Cases – Yen-Mou Lu, Taiwan 1150-1210 PL11 - Robotic Spine Surgery In MIST – Tokumi Kanemura, Japan 1210-1230 PL12 – Robotic Spine Surgery - Learning Curve And Experience With The First 100 Cases – Luthfi Gatam, Indonesia</p>	
12:30 – 13:30	<p>TRANSMEDIC Lunch Talk Adult Spinal Deformity Moderator: Kelvin Lor</p> <p>Adult Spinal Deformity: Role Of Anterior Approach – Kevin Seex, Australia</p> <p>Preventing PJK In Spinal Deformity – Reuben Soh, Singapore</p>	<p>GLOBUS Lunch Talk Innovative Technology For Minimally Invasive Spine Surgery</p> <p>Advanced Lateral Techniques Utilizing Expandable Lateral Technology - Naresh Kumar, Singapore</p> <p>Doing More With Less Through Expandable Technology – Shree Dinesh, Singapore</p> <p>Percutaneous Lumbar Interbody Fusion With Expandable Spacer – Marcus Ling, Singapore</p>
13:30 – 14:00	<p>Closing of PASMIS 2022 – Naresh Kumar, President</p> <p>Opening of SSS 2022 Annual Meeting – Yung Hua Li, President</p>	

Saturday July 30, 2022

Singapore Spine Society 5th Annual Meeting

Time	Grand Ballroom (L3)
14:00 – 15:00	SSS Symposium: Motion Preservation <u>Moderators: Yung Hua Li & Hee Kit Wong</u> 14:00-14:15 Cervical Lumbar Disc Replacement – Complication And Disaster Risk Reduction – Michael Grevitt, UK 14:15-14:30 Cervical Disc Replacement – Evolution Of Patient Selection And Indications - Rudolf Bertagnoli, Germany 14:30-14:45 Lumbar Disc Replacement – Evolution Of Patient Selection And Indications - Jack Zigler, US 14:45-15:00 Q & A
15:00 – 16:00	SSS Plenary Lectures 1 – 3 <u>Moderators: Jacob Oh & Pang Hung Wu</u> 1500-1520 PL1 – Complications In Endoscopic Spine Surgery - Christoph Hofstetter, US 1520-1540 PL2 - Complications In Lateral Access Surgery: Getting It Right First Time - David Edis, Australia 1540-1600 PL3 – Pitfalls In Spinal Navigation - Worawat Limthongkul, Thailand
16:00 – 16:30	COFFEE BREAK (<i>Grand Residence L3</i>)
16:30 – 17:15	SSS Debate I - Instrumentation In Spinal Surgery <u>Moderators: Shree Dinesh & Leok Lim Lau</u> 1630-1645 I would Use The Free-hand Technique – Dennis Hey, Singapore 1645-1700 I would Use Navigation/Robotics – John Choi, Australia 1700-1715 Q & A
17:15 – 18:15	NUVASIVE Evening Talk <u>Residence 6 (L3)</u> <u>Moderator: Reuben Soh</u> The Near Future Of Spinal Surgery Pioneered By CAOS And Lateral Access Surgery - Tokumi Kanemura, Japan
19:30- 22:30	PASSISS and SSS Gala Dinner @ Grand Hyatt Master-of-Ceremonies: Development Of New Implants - From The Drawing Table To Human Implantation - Challenges And Limitations – Christian Mazel, France Marriage Of 2 Passions: Mountains & Medicine - Can Passions Out Of Medical Practice Co-exist? – Kumaran Rasappan, Singapore

Sunday July 31, 2022

Time	Ballroom (L3)	Residence 6 (L3)
08:00 – 12:30	Registration	
08:30 – 09:30	SSS Free Paper I Moderators: Wee Lim Loo & Victor Wang	SSS Free Paper II Moderators: Yeong Huei Ng & Terry Teo
09:30 – 10:15	SSS Debate II: L4/5 Spondylolisthesis Moderators: Gabriel Liu & Jacob Oh 0930-0945 I Choose XLIF/OLIF – Gamaliel Tan, Singapore 0945-1000 I Choose MIS TLIF I Choose MIS TLIF – Yue Wai Mun, Singapore 1000-1015 I Choose Open TLIF – John Chen, Singapore	
10:15 – 10:45	COFFEE BREAK (<i>Grand Residence L3</i>)	
10:45 – 12:00	SSS Symposium: The Case I Learnt The Most in 2021 Moderators: Roy Koh, Paul Thng & Chun Sing Yu 1045-1100 Kelvin Lor, Khoo Teck Puat Hospital Singapore 1100-1115 Mark Tan, Tan Tock Seng Hospital Singapore 1115-1130 Youheng Ou Yang, Singapore General Hospital Singapore 1130-1145 Jonathan Tan, National University Hospital Singapore 1130-1145 ZhiHong Chew, Changi General Hospital Singapore 1145-1200 Q & A	
12:00 – 12:45	MEDTRONIC Lunch Talk Moderator: Jacob Oh Single Position Surgery In LLIF - Worawat Limthongkul, Thailand	
12:45 – 13:30	Closing of SSS 2022 Annual Meeting – Yung Hua Li, President Singapore Spine Society 5th Annual General Meeting	