



6th Annual Meeting – 18 & 19 March 2023 | Grand Copthorne Hotel | Singapore
SPINAL ADVANCEMENTS vs VALUE

SSS President: [Gabriel Liu](#) | Programme Chair: [Lau Leok Lim](#)

Day 1 - 18 Mar 2023

Time	Grand Ballroom (Level 4)	Speaker/Moderator
08:00-17:00	Registration	
08:45-09:00	WELCOME AND OPENING ADDRESS	Gabriel Liu, SSS President
09:00-10:00	OPENING LECTURES	Li Yung Hua, Singapore
09:00-09:15	Complication with ASD Surgery and Pre-op Preventive Method	Yukihiro Matsuyama, Japan
09:15-09:30	Challenges in Paediatric Spinal Deformity	Brian Hsu, Australia
09:30-09:45	C ₃ and C ₇ Dome Hybrid Open Door Laminoplasty – A Modified Laminoplasty Technique	Gabriel Liu, Singapore
09:45-10:00	Q & A	
10:00-10:30	Coffee Break	
10:30-11:30	SYMPOSIUM 1: Advocacy Session on Advancements vs Value	Wong Hee Kit, Singapore
10:30-10:40	Value Driven Outcome (VDO): What is this About?	Diarmuid Murphy, Singapore
10:40-10:50	VDO in MIS Lumbar Fusion Surgery	Shree Dinesh, Singapore
10:50-11:00	MIS vs Open Fusion Surgery: Our VDO Experience	John Chen, Singapore
11:00-11:10	Beyond VDO: Could We Prevent Surgery?	Lau Leok Lim, Singapore
11:10-11:30	Q & A	
11:30-12:00	SYMPOSIUM 2: Spine Diversity – What is the Concern? What Can We Do?	Fong Poh Ling, Singapore Shree Dinesh, Singapore
11:30-11:40	Spine Surgeon: A Female Surgeon's Perspective	Fong Poh Ling, Singapore
11:40-11:50	Recent Updates in The Management of Back Pain in Pregnant Patients	Tamara Soh, Singapore
11:50-12:00	Q & A	
12:00-13:00	INDUSTRY TALK 1 – NUVASIVE	Jacob Oh, Singapore
	Prone Lateral Approach Surgery	Reuben Soh, Singapore
13:00-13:50	FREE PAPER SESSION 1	Chua Soo Yong, Singapore Vincent Nga, Singapore
13:00-13:05	Technical Note in Uniportal Endoscopy in Cauda Equina Syndrome Patients with Highly Compromised Spinal Canal	Kavishwar Rohit, Singapore
13:05-13:10	Thorough Comparative Analysis of Stand-alone Cage and Anterior Cervical Plate for Anterior Cervical Discectomy and Fusion (ACDF) in the Treatment of Cervical Degenerative Disease: A Systematic Review and Meta-Analysis	Maria F Deslivia, Indonesia
13:10-13:15	Atypical Spinal Tuberculosis of Upper Thoracic Spine with Total Neurologic Recovery after Cervicothoracic Junction Approach: A Rare Report	Ryan P Wondany, Indonesia
13:15-13:20	Surgical Management of Paediatric Spinal Tuberculosis: A 7-year Experience	Kaucha Deepak, Nepal
13:20-13:25	The Effect of Bisphosphonates Administration after Spinal Decompression Stabilization and Fusion, Does it Enhanced Spinal Fusion? A Systematic Review And Meta-analysis	Nariswari A Wiraputri, Indonesia
13:25-13:30	Deep Learning Model for Classifying Metastatic Epidural Spinal Cord Compression on MRI	Desmond SW Lim, Singapore
13:30-13:35	Evaluating 5-year Outcomes of Between the Use of Coflex Compared to Stenofix Device as an Adjunct to Decompression for Symptomatic Lumbar Spinal Stenosis	Kasia CX Chua, Singapore
13:35-13:40	Late Total Hip Replacement Instability Post Lumbar Spine Fusion: Not a Spine Surgeon's Problem? A Non-spine Orthoped's Private Commentary Based on Current Literature Review	Goh Shyan Lii, Australia
13:40-13:45	Implant and Construct Decision Making in Metastatic Spine Tumour Surgery: What are the Important Factors We need to Weigh Pre-operatively?	Hui Si Jian, Singapore
13:45-13:50	Single Position Prone Oblique Lumbar Interbody Fusion (OLIF) – Case Illustration and Technical Considerations	Wu Tian Yi, Singapore

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13:50–14:10	Walking Break	
14:10-15:25	SYMPOSIUM 3: ASEAN Leader Forum I	Tan Seang Beng, Singapore
14:10-14:25 14:25-14:40 14:40-14:55 14:55-15:10 15:10-15:25	TB Spine: Management in Adult and Paediatric Patients Challenging Case of Revision for Subsidence Cage after BESS TLIF History and Trend of Unilateral Biportal Endoscopy Association Sagittal Imbalance and Frailty in Osteoporotic Vertebral Fracture Q & A	Shah Alam, Bangladesh Gusti Lanang, Indonesia Zhang Wei, China Yongsoo Choi, Korea
15:25-16:25	INDUSTRY TALK 2 - MEDTRONIC	Shree Dinesh, Singapore
	Robotic Spine Surgery – Experience with the Mazor X	Jacob Oh, Singapore
16:25-17:55	SYMPOSIUM 4: Young Spine Surgeon – Debates on Current Spine Concepts	Jacob Oh, Singapore Mark Tan, Singapore
16:25-16:55 16:55-17:25 17:25-17:55	Cervical Myelopathy from Segmental OPLL: Front or Back? <ul style="list-style-type: none"> • Anterior • Posterior Adult Degenerative Scoliosis – A la carte Treatment or The Whole Nine Yards <ul style="list-style-type: none"> • Limited Fusion • Long Segment Fusion Senile Burst Fracture with Neurological Deficit – I Would Fix it Posterior Alone or Combined Anterior & Posterior <ul style="list-style-type: none"> • Posterior Alone • Anterior & Posterior 	Thomas Tan, NNI Tamara Soh, TTSH Nishal Primalani, NNI Jiang Lei, SGH Ang Mu Liang, Woodlands Wu Pang Hung, NTFGH
17:55-18:05	Group Photo Taking	
18:05-18:40	SSS Members' Meeting @Canary Room (L4)	
18:40-20:30	SSS Gala Dinner	

Day 2 - 19 Mar 2023

Time	Ballroom	Speaker/Moderator
08:00-08:30	INDUSTRY TALK 3 JOHNSON & JOHNSON: Biportal Endoscopic Posterolateral Transforaminal Lumbar Interbody Fusion with 3D Printed Cage	Wu Pang Hung, Singapore
08:30-09:30	FREE PAPER SESSION 2	Eugene Yang, Singapore Loo Wee Lim, Singapore
08:30-08:35	Deep Learning Model for Grading Metastatic Epidural Spinal Cord Compression on Staging CT	Ang Shi Wei, Singapore
08:35-08:40	Short-term Outcomes of Cervical Spondylotic Amyotrophy Diagnosed and Treated by Multidisciplinary Team	Chen Qi, China
08:40-08:45	Outcome Comparison Between Percutaneous Vertebroplasty Versus Conservative Treatment in Osteoporotic Vertebral Compression Fracture: A Systematic Review and Meta Analysis	Angga Dharmayuda, Indonesia
08:45-08:50	How I do it: Transforaminal Endoscopic Lumbar Decompression by Extraction of Extravasated Cement in Upper Lumbar Spinal Canal	Kavishwar Rohit, Singapore
08:50-08:55	5-year Radiological Outcomes Post an Interlaminar Device Insertion for Symptomatic Lumbar Spinal Stenosis	Meetra S Rajoo, Singapore
08:55-09:00	Role of Icotec Carbon Fiber Implants for Spine Tumour Disease – A Multicentre Singapore Experience	Sean JK Lee, Singapore
09:00-09:05	Unipedicular-screw Index Vertebra Manipulation Technique for Minimally Invasive Short-Segment Thoracolumbar Fracture Fixation	Brian ZJ Chin, Singapore
09:05-09:10	A Prospective Randomized Controlled Multicentre Study of ProDisc–C vs Anterior Cervical Discectomy and Fusion for Treatment of Symptomatic Cervical Disc Disease in Asian Population: A 4-year Outcome	Karthiges Palanichami, Singapore
09:10-09:15	Does Patient Blood Management Affect Outcomes in Metastatic Spine Tumour Surgery? A Review of Current Concepts	Hui Si Jian, Singapore
09:15-09:20	Neurological Outcomes of Decompression Stabilization and Fusion Surgery for Spinal Metastases at Prof. Dr. IGNG Ngerah General Hospital: A Retrospective Case Series	Krisna Dwipayana, Indonesia
09:20-09:25	Tubular Microdiscectomy Complicated by Late-presenting Dural Tear, Cerebrospinal Fluid Cutaneous Leak, Subarachnoid Haemorrhage, Communicating Hydrocephalus and Spondylodiscitis. A Case Report	Cassie Yang, Singapore
09:25-09:30	Low Density Instrumentation in Adolescent Idiopathic Scoliosis	Aayush Shrestha, Nepal

Day 2 - 19 Mar 2023.....

09:30-10:20	SSS BEST PAPERS Judges: Wong Hee Kit, Yeo Tseng Tsai, Yue Wai Mun & Colum Nolan	Alex Teo, Singapore
09:30-09:40	A Review of the Implementation of a Physiotherapy-led Spine Triage Clinic of 200 Patients in a Tertiary Centre	Walter SY Wong, Singapore
09:40-09:50	Perception of Spinal Deformity Among Patients with Adolescent Idiopathic Scoliosis	Sebastian ZY Blok, Singapore
09:50-10:00	Effects of Socio Economic Indicators on Length of Stay Post Transforaminal Lumbar Interbody Fusion(TLIF) Procedures	Ramkumar Mohan, Singapore
10:00-10:10	Improved Productivity using Deep Learning assisted Reporting for MRI Lumbar Spine	Desmond SW Lim, Singapore
10:10-10:20	Outcomes and Complications of Surgery for Symptomatic Spinal Metastases; A Comparison between Patients Aged ≥ 70 and <70	Karthiges Palanichami, Singapore
10:20-10:50	Coffee Break	
10:50-12:15	SYMPOSIUM 5: ASEAN Leader Forum II	Naresh Kumar, Singapore
10:50-11:00	Managing Spine Injuries in Nepal: Challenges and Opportunities	Gaurav Raj Dhakal, Nepal
11:00-11:10	Circumferential Bone Fusion after Grade 2 PCO and OLIF in Adult Spinal Deformity	Amir Fariz, Malaysia
11:10-11:20	Unilateral Biptoral Endoscopy in Thoracic Conditions	Zhang Wei, China
11:20-11:35	Q & A	
11:35-11:45	Back Pain as a Unique Symptom of Omicron COVID-19 Variant in Korea	Yongsoo Choi, Korea
11:45-11:55	The Role of Machine Learning Algorithm in Predicting Functional Outcome of Cervical Spinal Cord Injury	Gusti Lanang, Indonesia
11:55-12:15	Q & A	
12:15-13:15	SYMPOSIUM 6: Young Spine Surgeons Committee Presentation – Fellowship Experience	Mark Tan, Singapore
12:15-12:30	My Fellowship Experience in the USA	Marcus Ling, Singapore
12:30-12:45	My Fellowship Experience in the UK	Wayne Yap, Singapore
12:45-13:00	My Fellowship Experience in Australia	Kelvin Lor, Singapore
13:00-13:15	Q & A	
13:15-14:15	INDUSTRY TALK 4 BAXTER: Hemostasis in Spine Surgery	Shree Dinesh, Singapore
13:15-13:30	Case Presentation I	Ou Yang Youheng, Singapore
13:30-13:45	Case Presentation II	Robin Pillay, Singapore
13:45-14:15	Q & A / Discussion	
14:15-15:45	SYMPOSIUM 7: Spine Focus Group on Advancements and Outcome of Endoscopic Spine	Ira Sun, Singapore Reuben Soh, Singapore
14:15-14:30	Patient Selection for Uniportal Surgery	Jacob Oh, Singapore
14:30-14:45	Uniportal Transforaminal Endoscopy Discectomy to Fusion	Marcus Ling, Singapore
14:45-15:00	UBE or Lateral Approach	Huang Yilun, Singapore
15:00-15:15	Posterior Cervical Endoscopic Spine Surgery	Wu Pang Hung, Singapore
15:15-15:30	Unilateral Biptoral Endoscopic Fusion	Zhang Wei, China
15:30-15:45	Q & A / Case Discussion	
15:45-16:45	INDUSTRY TALK 5 TRANSMEDIC: Latest Advances in the Treatment of Spinal Tumour and Metastases	Colum Nolan, Singapore
15:45-15:57	MIS Techniques in the Treatment of Spinal Metastases – Advantages of using Carbon/PEEK Implants	Naresh Kumar, Singapore
15:57-16:09	Clinical Benefits of Carbon/PEEK Implants in the Management of Spine Tumour Patients – SGH Experience	Ou Yang Youheng, Singapore
16:09-16:21	Experience and Clinical Benefits of Carbon/PEEK Implants in Spine Tumour Treatment – CGH Experience	Chew Zhihong, Singapore
16:21-16:33	Advanced Radiation Therapy Concepts and Promises of Innovative Implant Materials	Balamurugan Vellayappan, Singapore
16:33-16:45	Q & A	
16:45-17:25	SYMPOSIUM 8: The Case I Learnt Most in 2022	Lee Haw Chou, Singapore Yue Wai Mun, Singapore
16:45-16:55	When the Third Time is not the Charm	Aravind Kumar, MEN
16:55-17:05	Intradural Cystic Lesion Post Discectomy: Differential Diagnoses and Management	Thomas Tan, NNI
17:05-17:15	Lumbosacral Fracture – Dislocation Survives	Joshua Decruz, KTPH
17:15-17:25	Q & A	
17:25-17:45	SSS Best Paper Award	