



2nd Annual Meeting


New Innovations in Spine Surgery: Robotics, Navigation and Disc Replacement

12 & 13 January 2019, Grand Copthorne Waterfront Hotel, Singapore


SSS President: Tan Seang Beng


Programme Chair: Gabriel Liu

12 January 2019

Time	Waterfront Ballroom (level 2)	Speaker/Moderator
08:00-17:00	Registration	
08:45-08:55	Opening Address	Tan Seang Beng
08:55-09:00	House Keeping	Gabriel Liu
09:00-10:00	Opening Lectures	Tan Seang Beng & Wong Hee Kit
	09:00-09:15 A New Technique To Treat LBP Directed At The Sinu-vertebral Nerve	Steven Garfin
	09:15-09:30 Is Spine Robotics The Future?	Kornelis Poelstra
	09:30-09:45 What Medical Legal Concerns Are With The New Techniques And Innovations?	KS Sivananthan
	09:45-10:00 Q & A	
10:00-10:30	 Morning Break Video Presentations	
10:30-12:00	Current Concepts Updates: Is New Innovations Always Good?	Colum Nolan, Jacob Oh & Reuben Soh
	10:30-10:45 How Do New Innovations And Techniques Influence My Spine Practice?	Steven Garfin
	10:45-10:55 Q & A	
	<u>Discussants to Case Discussions</u>	Wong Hee Kit, Steven Garfin, Jean-Paul Steib, & KS Sivananthan
	10:55-11:15 What Is An Ideal Surgery For Single Level Cervical Disc Disease?	Colum Nolan
	11:15-11:35 A Case Of Thoracic Kyphosis	Jacob Oh
	11:35-11:55 Late Progression In Scoliosis	Reuben Soh
12:00-12:30	SSS Presidential Lecture Cents And Sensibility – The Case For Evidence Based Spinal Surgery	Tan Seang Beng
	Introduction by Vice-President	Yeo Tseng Tsai





12 January

Time	Waterfront Ballroom (level 2)	Speaker/Moderator
12:30-12:35	Distinguished SSS group photo-taking	
12:35-13:45	 <p>Lunch Symposium Spine Trainer and Saw Bone Workshop on Lumbar Artificial Disc Replacement</p>	<p>Gabriel Liu Jean-Paul Steib</p>
13:45-14:55	<p>International Spine Leader Forum I: New Spine Techniques</p> <p>13:45-14:00 Scoliosis: A New Paradigm Shift In Management Of Pediatric Scoliosis</p> <p>14:00-14:15 Is There A Limit In MidLIF Technique?</p> <p>14:15-14:30 Sagittal Alignment In Fused Segments May Impact On Postoperative Dislodgement Of Strut After Anterior Cervical Corpectomy With Fusion For Multilevel OPLL</p> <p>14:30-14:45 Adult Spinal Deformity – The French Solution</p> <p>14:45-14:55 Q & A</p>	<p>John Chen & Shree Dinesh John Ferguson KS Sivananthan Takashi Hirai Jean-Paul Steib</p>
14:55-16:05	<p>International Spine Leader Forum II: New Spine Techniques</p> <p>14:55-15:10 NILE Sublaminar Bands For Deformity Correction And Proximal Junctional Kyphosis</p> <p>15:10-15:25 Innovation In Spine Surgery – Out Malaysian Journey</p> <p>15:25-15:40 Screw Perforation Rates In 359 Consecutive Patients Receiving Computer-guided Pedicle Screw Insertion Along The Cervical To Lumbar Spine</p> <p>15:40-15:55 First Clinical Experience With A Carbon-fibre-reinforced PEEK Composite Plating System For Anterior Cervical Discectomy And Fusion</p> <p>15:55-16:05 Q & A</p>	<p>Lau Leok Lim & Yue Wai Mun Brian Hsu Mohamad Abdul Razak Masashi Uehara Helena Milavec</p>
16:05-17:45	<p>Symposium on Spine Navigation and Robotics</p> <p>16:05-16:20 From C-arm To O-arm – Why And How?</p> <p>16:20-16:35 Navigation Challenges in C1 C2 High Cervical Spine Surgery</p> <p>16:35-16:50 Navigation Challenges in Lateral And Lumbar Approach</p> <p>16:50-17:05 Tips And Tricks To Ensure Good Outcome In Robotic AIS Spine Surgery</p>	<p>Joseph Thambiah & Eugene Yang Yu Chun Sing Shree Dinesh Jacob Oh Kevin Lim</p>

	17:05-17:15	Q & A	
17:15-17:30	Break		
17:15-18:30		Symposium Saw Bone Workshop on Spinal Deformity 1) Nile (lamina tape) Fixation for AIS 2) ATP (anterior to psoas) technique 3) PSO	Tan Seang Beng John Ferguson Brian Hsu
18:30-19:30	SSS Members' Meeting		
19:30-21:30	SSS 2nd Annual Meeting Dinner		



Singapore Spine Society and AOSPINE
13 January 2019

Time	Waterfront Ballroom		Riverfront Room		
08:00-09:00		Breakfast Symposium Saw Bone And Spine Trainer Workshop For XLIF And User Case Discussions	Guo Chang Ming & Leslie Ng		
		How To Achieve Ideal Lumbar Lordosis? <i>concurrent session A</i>		<i>concurrent session B</i> Judges: xxxxxx	
09:00-09:10	Introduction		Gabriel Liu	<u>09:00-09:30</u> Free Paper 1	
09:10-10:10	Session 1: Different Country, Different Concepts?		Tan Seang Beng & Kornelis Poelstra		
	09:10-09:25	Case Presentation: Back To Basic	Gabriel Liu		
	09:25-09:40	Lumbar Sagittal Alignment: The American Perspective	Aravind Kumar		<u>09:30-10:00</u> Free Paper 2
	09:40-09:55	Lumbar Sagittal Alignment: The French Perspective	Fong Poh Ling		Daniel Chan & Ling Ji Min
	09:55-10:10	Q & A			
10:10-11:10	Session 2: The Paradigm Shifts?		Wong Hee Kit & Jean-Paul Steib	<u>10:00-10:30</u> Free Paper 3	
	10:10-10:25	Sitting Sagittal Balance: A New Paradigm Shift	Dennis Hey	Tan Chong Tien & KS Sivananthan	
	10:25-10:40	Current Concepts Of Cervical Alignment And Sagittal Balance	Brian Hsu		<u>10:30-11:00</u> Free Paper 4
	10:40-10:55	Is It Important To Maintain Lumbar Lordosis In Children Scoliosis Surgery	Lau Leok Lim		Roy Koh & Peter Lee
	10:55-11:10	Q & A			
11:10-11:50		Morning Break Video Presentations			



11:50-13:25	The Case I Learnt Most In 2018	Li Yung Hua, Pang Boon Chuan & T Rajendra
11:50-12:05	Recurrence Of Back Pain After Spinal Fusion	Marcus Ling
12:05-12:20	<i>tbc</i>	Sein Lwin
12:20-12:35	Burst Fracture, Is Posterior Surgery Alone Enough?	Gamaliel Tan
12:35-12:50	Platyus With Chiari Malformation In 14-year Old Boy	Roy Koh
12:50-13:10	A Case Of High Cervical Cord Tumour	Low Shiong Wen
13:10-13:25	Long Lumbar Spine Fusion – Challenges In Distal Fixation	Dennis Hey
13:25-13:30	AOSpine group photo-taking	
13:30-14:45	 Lunch Hands-on Workshop How to Achieve Ideal Sagittal Alignment Using X Align Software And Spine Robots	Gabriel Liu Kornelis Poelstra
		
14:45-15:55	Session 3: Surgical Technique and Video Presentation on How to Achieve Ideal Lumbar Lordosis	Lee Haw Chou & Yu Chun Sing
14:45-15:00	Transforaminal Lumbar Interbody Fusion (TLIF)	Gamaliel Tan
15:00-15:15	Extreme Lateral Lumbar Interbody Fusion (XLIF)	Guo Chang Ming
15:15-15:30	Oblique Lateral Interbody Fusion (OLIF)	Reuben Soh
15:30-15:45	Anterior Lumbar Interbody Fusion (ALIF)	Daniel Chan
15:45-116:00	Q & A	
16:00-16:30	Break	
16:00-17:10	Session 4: Surgical Technique and Video Presentation on How to Achieve Ideal Lumbar Lordosis	John Chen & Gamaliel Tan
16:00-16:15	Pedicle Subtraction Osteostomy	John Ferguson
16:15-16:30	How To Maintain Lumbar Lordosis Using Artificial Disc Replacement Surgery?	Jean-Paul Steib
16:30-16:45	How To Apply The Published Data Into My Adult Deformity Spinal Surgery – What's Work, What's Doesn't?	Wong Hee Kit
16:45-17:00	Q & A	
17:00-17:15	Opening Case Discussion And Conclusion	Gabriel Liu
17:15-17:20	Closing and Prize Presentation to Best Papers	Tan Seang Beng