



President: Wong Hee Kit

Programme Chair: Gabriel Liu

### DAY 1 6 JANUARY 2018

- 08:00 - 08:45 Registration
- 08:45 - 09:00 Opening Address  
President, [Wong Hee Kit](#), Singapore Spine Society
- 09:00 - 10:10 Special Lectures  
Chair: [Wong Hee Kit](#) and [Gabriel Liu](#)
- 09:00 Lecture 1: Adverse Events in Spine Surgery: Accurate Collection and Prevention - [Charles Fisher](#), Canada
- 09:15 Lecture 2: How to Prevent Complications in Adult Spinal Deformity Surgery - [Yukihiro Matsuyama](#), Japan
- 09:30 Lecture 3: MIS Deformity Treatment Algorithm - [Praveen Mummaneni](#), USA
- 09:45 Lecture 4: Challenges in Training of the Singapore Spine Surgeon - Past, Present and Future - [Tan Seang Beng](#), Singapore
- 10:00 Q & A
- 10:10 - 10:30 Coffee Break
- 10:30 - 11:40 Current Concepts Updates: Spinal Metastasis  
Chair: [Li Yung Hua](#) and [Naresh Kumar](#)
- 10:30 Rationale for Management in Spine Metastatic Disease - [Naresh Kumar](#), Singapore
- 10:40 SIN Scores Validation and Outcome - [Charles Fisher](#), Canada
- 10:50 Case 1: Cancer - What Should be the Approach? - [Shree K Dinesh](#), Singapore
- 11:00 Case 2: The Need for Early Reoperation in a Thoracic Metastasis Case - [Colum Nolan](#), Singapore
- 11:10 Case 3: SIN Scores Beyond Spinal Metastases - A Case Study in Multiple Myeloma - [Lau Leok Lim](#), Singapore
- 11:20 Q & A
- 11:40 - 12:10 President's Lecture: Safety in Spine Surgery - [Wong Hee Kit](#), Singapore  
Introduction by [Tan Seang Beng](#), Singapore
- 12:10 - 12:20 *groups photo-taking*
- 12:20 - 13:35 Lunch Symposium and Saw-bone Workshop (Johnson & Johnson - DePuySynthes)
- FP Judges: [KS Sivananthan](#), [Tan Chong Tien](#), [Yeo Tseng Tsai](#)
- 13:35 - 14:31 Free Paper Session I - Surgical Techniques and Navigation  
Chair: [Yu Chun Sing](#) and [Shree K Dinesh](#)
- 14:31 - 15:19 Free Paper Session II - Safety in Spine Surgery  
Chair: [Gamaliel Tan](#) and [Vincent Nga](#)
- 15:20 - 16:20 International Spine Leaders Forum I (MIS Spine Surgery and New Innovation)  
Chair: [Pesi Chacha](#) and [Tan Seang Beng](#)
- 15:20 TLIF with Cortical Pedicular Screw Fixation - Clinical Outcome Comparison with Traditional Pedicular Screw Fixation (MIDFIL) - [KS Sivananthan](#), Malaysia
- 15:30 The Use of Percutaneous Pedicular Screw (PPS) in Thoracolumbar Spinal Surgery. How to Prevent Complications? - [Kwan Mun-Keong](#), Malaysia
- 15:40 Is Robotic Spinal Surgery the Future? - [Joseph Thambiah](#), Singapore
- 15:50 The Use of 3D Printing Techniques in Spine Surgery - [Rafael Bundoc](#), Philippines
- 16:00 Q & A
- 16:20 - 16:45 Coffee Break (*coincident with NuVasive Workshop*)
- 16:20 - 17:35 NuVasive Saw-bone Workshop
- Venue: Veranda Room (level 2)
- 17:35 - 18:30 SSS Members' Meeting
- 18:30 - 22:00 SSS Annual Meeting Dinner







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### DAY 2 7 JANUARY 2018

FP Judges: [KS Sivananthan](#), [Tan Chong Tien](#), [Yeo Tseng Tsai](#)

08:30 – 09:26 Free Paper Session III - Basic Science and Imaging  
Chair: [John Chen](#) and [Eugene Yang](#)

09:26 – 10:22 Free Paper Session IV - Special Conditions  
Chair: [Roy Koh](#) and [Aravind Kumar](#)

10:22 – 10:50 Coffee Break

10:50 – 11:50 International Spine Leaders Forum II (From Spinal Bone To Spinal Cord)  
Chair: [Wong Hee Kit](#) and [Rajendra Tiruchelvarayan](#)

10:50 Lumbar Fusion Options – Which Direction to Pick Safely? – [KS Sivananthan](#), Malaysia

11:00 Adult Tethered Cords: Indications for Surgery – [Yeo Tseng Tsai](#), Singapore

11:10 Tips and Tricks in Surgical Management of Spinal Cord Tumour – [Eugene Yang](#), Singapore

11:20 Advances in Stem Cell Therapy for Spinal Cord Injury – [Keung-Nyun Kim](#), Korea

11:30 Q & A

11:50 – 12:40 The Cases I Learnt Most In 2017  
Chair: [Hee Hwan Tak](#) and [David Wong](#)

11:50 Underestimating Craniocervical Instability – [Colum Nolan](#), Singapore

12:00 Persistent Lumbar CSF Leak – [Jacob Oh](#), Singapore

12:10 Vascular Spinal Sarcoma in a Paralyzing Man – [Lau Leok Lim](#), Singapore

12:20 Neck Abscess after Cervical Corpectomy for Burst Fracture – [Ling Ji Min](#), Singapore

12:30 A Rare Case of Spinal Epidural Arachnoid Cyst – [Vincent Nga](#), Singapore

12:40 – 12:50 Presentation of Best Papers Award

12:50 – 14:05 Zimmer Biomet Institute Lunch Symposium: Cervical Arthroplasty

Combined SSS – AOSpine Symposium: Adult Lumbar Deformity

14:05 – 14:10 groups photo-taking

14:10 – 14:15 Introduction by [Gabriel Liu](#)

14:15 – 15:15 Session 1: Surgical Management – Grade I Spondylolisthesis  
Chair: [Jacob Oh](#) and [Paul Thng](#)

14:15 Case Presentation – [Paul Thng](#), Singapore / [Jacob Oh](#), Singapore

14:20 Literature Review on Spinal Instability – [Gabriel Liu](#), Singapore

14:28 (PELD) Interlaminar Versus Transforaminal Approach – Which is the Better Technique?  
– [Rafael Bundoc](#), Philippines

14:36 MIS TLIF: Is this the New Gold Standard? – [Yue Wai Mun](#), Singapore

14:44 Lateral Interbody Fusion – A Better Option? – [Reuben Soh](#), Singapore

14:52 Case Discussions

15:15 – 16:15 Session 2: Surgical Management – High Grade Spondylolisthesis  
Chair: [Wong Hee Kit](#) and [Wong Chung Chek](#)

15:15 Case Presentation – [Wong Chung Chek](#), Malaysia / [Lau Leok Lim](#), Singapore

15:20 When is Pars Repair indicated in the Spondylolisthesis Patient? – [Naresh Kumar](#), Singapore

15:28 A Review of Surgical Classification and Treatment Recommendations – [Aravind Kumar](#), Singapore

15:36 Surgical Options for High Grade Spondylolisthesis – [Lau Leok Lim](#), Singapore

15:44 The Role of 'In Situ' Fusion using Fibula Graft for Balanced High Grade Spondylolisthesis  
– [Kwan Mun-Keong](#), Malaysia

15:52 Case Discussions

16:15 – 16:45 Coffee Break (coincident with Session 3: Lumbar Deformity)

16:15 – 17:15 Session 3: Lumbar Deformity  
Chair: [Wong Chung Chek](#) and [John Chen](#)

16:15 Case Presentation – [Wong Chung Chek](#), Malaysia

16:20 Surgical Planning for Adult Spinal Deformity – [Wong Chung Chek](#), Malaysia

16:28 Intraoperative Neuromonitoring for Safe Spinal Deformity Surgery – How to do Safe Spinal Three Column Osteotomy? – [Yukihiro Matsuyama](#), Japan

16:36 How to Prevent Complications from Osteoporotic Adult Spinal Deformity? – [John Chen](#), Singapore

16:44 Review of MIS Spinal Deformity Correction – [Gabriel Liu](#), Singapore

16:52 Case Discussions

17:15 – 17:20 Closing Remarks  
[Wong Hee Kit](#) / [Gabriel Liu](#)