

SPINE WEEK 2016, Singapore 17 May to 20 May 2016 (APSS Program)

17 May 2016, Tuesday: APSS Dinner Banquet at Clifford Pier Restaurant Time: 20.00pm

ASIA PACIFIC SPINE SOCIETY (APSS) SPINEWEEK: CONTROVERSIES IN SPINE SURGERY

18 May 2016, Wednesday

No	Time	Title	Speaker - First Name	Last Name	Session Chairman
1	8:30-8:35am	Programme Introduction			
2	8:35-8:40am	Presidential Welcome Address by APSS Chairman	Kuniyoshi	Abumi (JAPAN)	Gabriel Liu (SINGAPORE)
3	8:40-8:50am	APSS: Past and Present	K Sivananthan	Shanmugam (MALAYSIA)	
TOPIC: SPINAL TUMOUR					
4	8:50-9:05am	Multilevel Spinal Metastasis: Conservative or Surgery?	Yat Wa	Wong (HONG KONG)	Mun Keong Kwan (MALAYSIA)
5	9:05-9:20am	Spinal Tumour Reconstruction: Anterior or Posterior or Both?	Jae Yoon	Chung (KOREA)	
6	9:20-9:35am	Bisphosphonate & Denosumab in Treatment of GCT of Spine	Arvind	Jayaswal (INDIA)	
7	9:35-9:50am	Recycling Intraoperative Spinal Tumour Blood: A Myth or A Fact?	Naresh	Kumar (SINGAPORE)	
8	9:50-10:00am	Q&A Session-10 Mins			
	10:00-10:30am	Coffee Break			
TOPIC: APSS-ASSI JOINT SESSION: NON TUBERCULAR INFECTION					
9	10:30-10:45am	Surgical Site Infections - Current Viewpoints of Pathogenesis and Prevention	Benny	Dahl (DENMARK)	S. Rajasekaran (INDIA) & Myint Thuang (MYANMAR)
10	10:45-11:00am	Controversies in the Surgical Management of SSI	Jose Manuel F	Ignacio (PHILIPPINES)	
11	11:00-11:15am	Spinal Epidural Abscess - Presentation, Diagnosis and Management	M. Arif	Khan (PAKISTAN)	
12	11:15-11:30am	Discussion			
13	11:30-11:50am	DEBATE - Postoperative Infections in Spine - Whether to Retain or Remove Implants?	Abrahm Ahmed & Appaji Krishnan	(INDIA)	
Case Discussion					
14	11:50am-12:10pm	Case 1: Pyogenic Infection of Spine	Myint	Thuang (MYANMAR)	Case Discussants: M. Arif Khan (PAKISTAN), Muhammad Tariq Sohail (PAKISTAN), Jose Manuel F. Ignacio (PHILIPPINES), Benny Dahl (DN) Abrahm Ahmed (INDIA) & Appaji Krishnan (INDIA)
15	12:10-12:30pm	Case 2: Postoperative Discitis	S	Rajasekaran (INDIA)	
	12:45-13:45pm	APSS - BRAINLAB LUNCH SYMPOSIUM: EXPANDING THE FRONTIERS OF NAVIGATED SPINE SURGERY- THE AIRO SYSTEM	S	Rajasekaran (INDIA)	Gabriel Liu (SINGAPORE)
TOPIC: APSS-ASSI JOINT SESSION: TUBERCULAR INFECTION					
16	14:00-14:10pm	Clinical and MRI Features of Various Stages of Healing of TB Spine	Mid Shah	Alam (BANGLADESH)	Ram Chaddha (INDIA) & Gabriel Liu (SINGAPORE)
17	14:10-14:20pm	MDR TB in the Spine - Incidence, Evaluation and Treatment Protocols	Abhay	Nene (INDIA)	
18	14:20-14:30pm	Craniovertebral and Lumbosacral Tuberculosis - How Is It Different?	Muhammad Tariq	Sohail (PAKISTAN)	
19	14:30-14:40pm	The Role of MIS in Surgery for TB Spine	Arvind	Jayaswal (INDIA)	
20	14:40-14:55pm	Discussion			
21	14:55-15:10pm	DEBATE - Anterior Surgery Has No Role for the Surgical Management of Dorsal/Dorsolumbar TB - For and Against	Amit Jhala & Krishnan A.	(INDIA)	
22	15:10-15:30pm	Case Discussion	Verma R., Mohite S., David K.		
23	15:30-16:00pm	Free Paper (8): Tuberculosis			
	16:00-16:30pm	Tea Break			
TOPIC: FREE PAPERS - SPINAL TUMOUR & INFECTIONS					
Title: Trauma & Tumour			Speaker - First Name	Last Name	Session Chairman
24	16:30-16:34pm	655 Metastatic Spine Tumour Surgery: A Comparative Study of Minimally Invasive Approach Using Percutaneous Pedicle Screws Fixation Versus Open Approach	Naresh	Kumar	Bambang Tiksnadi (INDONESIA) & Md Shah Alam (BANGLADESH)
25	16:34-16:38pm	151 Dumbbell Score: A New Scoring System for the Differential Diagnosis of Malignant and Benign Spinal Dumbbell Tumours	Yoshihiro	Matsumoto	
26	16:38-16:42pm	727 Total En Bloc Spondylectomy for Spinal Metastasis of Lung Cancer	Naoki	Takahashi	
27	16:42-16:46pm	658 Flowcytometric Evaluation of Intraoperative Salvaged Blood Filtered with Leucocyte Depletion Filter in Metastatic Spine Tumour Surgery	Naresh	Kumar	
28	16:46-16:50pm	822 Serum Interleukin-12 As a Prognostic Factor for Spinal Metastases	Hiroyuki	Hayashi	
29	16:50-16:54pm	1004 To Treat the Metastatic Spinal Tumour Following the Classification in Use, Is It The Best Standard?	Keiji	Ishii	
30	16:54-16:58pm	1673 Thromboembolism Following Lumbar Fusion Surgery in Patients Using Tranexamic Acid	Kyu-Jung	Cho	
31	16:58-17:02pm	1571 Is Intrawound Application of Vancomycin Effective for the Prophylaxis of Surgical Site Infection? A Multi-Center Cohort Study Using Propensity Score Matching	Chiaki	Horii	
32	17:02-17:12pm	Q&A Session-10 Mins			
Title: MIS Spine Surgery			Speaker - First Name	Last Name	Session Chairman
33	17:12-17:16pm	908 Two-Year Clinical Outcomes of Multilevel Extreme Lateral Lumbar Interbody Fusion (XLIF®) With or Without Minimally Invasive Transforaminal Lumbar Interbody Fusion (MIS-TLIF) Versus Isolated Open Transforaminal Lumbar Interbody Fusion (TLIF) for Degenerative Scoliosis and Spondylolisthesis: A Matched Comparison Study	Jiang	Lei	M. Arif Khan (PAKISTAN) & Shu-Hua Yang (TAIWAN)
34	17:16-17:20pm	1546 Fluoroscopic Guided Percutaneous Thoracic and Lumbosacral Pedicle Screws, Is It Safe for Asians?	Chris Yin Wei	Chan	
35	17:20-17:24pm	1569 Mechanism of Radiculopathy Contralateral to the Side of Disc Herniation-Microendoscopic Investigations	Norito	Hayashi	
36	17:24-17:28pm	1112 Intraoperative Radiation Exposure to Surgeons in Single- and Multi-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion	Haruki	Funao	
37	17:28-17:32pm	1157 New Minimum Invasive Technique for Lateral Lumbar Interbody Fusion	Kanji	SASAKI	
38	17:32-17:36pm	250 Safety Entry Point, Size and Direction for Placement of Thoracic Pedicle Screw - A Cadaveric Study	Torhng	Bunmaprasert	
39	17:36-17:46pm	Q&A Session-10 Mins			
Title: Spine Fracture, Vertebroplasty & Basic Science			Speaker - First Name	Last Name	Session Chairman
40	17:46-17:50pm	554 A Prospective Multicentric Observational Study on the Use of Intravertebral Implants for Traumatic Vertebral Compression Fracture Treatment: 12 Months Follow-Up Results	David C	Noriega	Kenny Yat Hong Kwan (HONG KONG), Pankaj Kandwal (INDIA) & Rabindra Pradhan (NEPAL)
41	17:50-17:54pm	422 Percutaneous Vertebroplasty for Osteoporotic Vertebral Fracture with Intravertebral Cleft: Analysis of Poor Clinical Outcome	Toshio	Nakamae	
42	17:54-17:58pm	880 Surgical Outcome of Balloon Kyphoplasty for Painful Osteoporotic Vertebral Fracture	Kiyotaka	Yamada	
43	17:58-18:02pm	1516 Using the Regional Eggshell Technique During Kyphoplasty to Prevent Cement Leakage in Various Vertebral Walls Injuries	haoju	Io	
44	18:02-18:06pm	333 The Association Between Lumbosacral Transitional Vertebrae and Lumbosacral Nerve Root Aneurysms	Teruaki	Ohno	
45	18:06-18:10pm	1181 Vertebral Compression Fractures Treatment: 4 Years Retrospective Study	David C	Noriega	
46	18:10-18:14pm	118 Identification of Life Style Factors Affecting Onset of Adolescent Idiopathic Scoliosis	Kota	Watanabe	
47	18:14-18:18pm	1549 Aging Change of the Paravertebral Muscles and Psoas Muscles of the Lumbar Spine and Relation to the Low Back Pain in a General Population- The Wakayama Spine Study	Hiroshi	Hashizume	
48	18:18-18:22pm	569 The Contribution of the Ribcage to Thoracolumbar Spine Biomechanics in a Sheep Model: The Significance of the Intercostal Connections	Caroline	Grant	
49	18:22-18:32pm	Q&A Session-10 Mins			

19 May 2016, Thursday					
No	Time	Title	Speaker - First Name	Last Name	Session Chairman
TOPIC: PRESIDENTIAL LECTURE					
1	8:00-8:10am	Citation of Professor Kuniyoshi Abumi	K Sivananthan	Shanmugam (MALAYSIA)	K Sivananthan Shanmugam (MALAYSIA)
2	8:10-8:35am	Presidential Lecture: In My 40 Years' Practice of Spine Surgery: What Have I Learnt?	Kuniyoshi	Abumi (JAPAN)	
3	8:35-8:45am	Q&A for Presidential Lecture-10 Mins			
TOPIC: CERVICAL SPINE					
4	8:45-9:00am	Why Do Asians Have Less Symptomatic Adjacent Level Cervical Disease?	Jae Yoon	Chung (KOREA)	Gabriel Liu (SINGAPORE) & Ram Chaddha (INDIA)
5	9:00-9:15am	A Decade Old Argument for The Best Approach for Multilevel Cervical Myelopathy: Is There A Verdict?	Katsuji	Shimizu (JAPAN)	
6	9:15-9:30am	Is There a Solution to CS Palsy?	Rohit	Pokhare (NEPAL)	
7	9:30-9:45am	Is Whiplash Treatable?	Orso Lorenzo	Osti (AUSTRALIA)	
8	9:45-10:00am	Q&A Session-15 Mins			
	10:00-10:30am	Coffee Break			
TOPIC: APSS-SMISS JOINT SESSION (2 Hours)					
9	10:30-10:35am	Welcome			Pennings F. (USA) & Gabriel Liu (SINGAPORE) Panels: Mummaneni P (USA) & Wang M (USA)
10	10:35-11:00am	APSS Presentation: Nucleoplasty: Indication Techniques and Results	Naresh	Kumar (SINGAPORE)	
11	11:00-11:25am	APSS Presentation: Tips and Tricks for MED Decompression Technique	Munehito	Yoshida (JAPAN)	
12	11:25-11:50am	APSS Presentation: Tips and Tricks for Thoracoscopic Surgery Technique	Hee Kit	Wong (SINGAPORE)	
13	11:50am-12:10pm	SMISS Presentation: Robotics in Spine Surgery: Update	Wang M. (USA)		
14	12:10-12:30pm	SMISS Presentation: Navigation in Spine Surgery: Update	Mummaneni P (USA)		
APSS-K2M LUNCH SYMPOSIUM: RECENT ADVANCEMENTS IN MIS SURGERY FOR SPINAL METASTASIS AND SPINAL DEFORMITY					
	12:45-13:15pm	K2M Lunch Symposium: Recent Advancement in MIS Spinal Metastasis Surgery	Mun Keong	Kwan (MALAYSIA)	Mun Keong Kwan (MALAYSIA)
	13:15-13:45pm	K2M Lunch Symposium: Recent Advancement in MIS Adult Spinal Deformity Surgery	Robert	Lee (UK)	
TOPIC: FREE PAPERS - CERVICAL					
No	Time	Title	Speaker - First Name	Last Name	Session Chairman
15	14:00-14:04pm	927 A MRI Study of the Dorsal Cervical Cord Migration Behaviour in Hybrid Open-Door Laminoplasty	Bing Howe	Lee	Katsuji Shimizu (JAPAN) & Wai Mun Yue (SINGAPORE)
16	14:04-14:08pm	585 Feasibility and Trajectory Study of Anterior Transarticular Crossing Screw Placement for Atlantoaxial Joint Instability: A Cadaveric Study and Description of A Novel Technique	Wei	Ji	
17	14:08-14:12pm	268 Recommendation of Outpatient Clinic for Numbness (Shibire-Clinic In Japanese)	Masato	Noji	
18	14:12-14:16pm	1525 Revision Surgeries Following Artificial Disc Replacement of Cervical Spine	Jong-Beom	Park	
19	14:16-14:20pm	1510 Artificial Disc Replacement versus Fusion for Multi-level Cervical Spondylotic Radiculopathy	Miguel Rafael	Ramos	
20	14:20-14:30pm	Q&A Session-10 Mins			
21	14:30-14:34pm	926 Is There an Increase in Intraoperative Bleeding During Emergency Hybrid Open-Door Laminoplasty for Post-Traumatic Cervical Cord Injured Patient?	Bing Howe	Lee	Munehito Yoshida (JAPAN) & Ryoji Yamasaki (JAPAN)
22	14:34-14:38pm	1135 In Continuous Type Ossification of Posterior Longitudinal Ligament, Which One is Treatment of Choice - Laminectomy or Laminoplasty?	S	Yoo	
23	14:38-14:42pm	533 Clinical Results and Complications of Surgical Treatment for Thoracic Myelopathy Caused by Ossification of the Posterior Longitudinal Ligament: A Multicenter Retrospective Study	Mitsumasa	Hayashida	
24	14:42-14:46pm	575 A Clivus Plate Fixation for Reconstruction of Ventral Defect of the Craniovertebral Junction: A Novel Fixation Device for Craniovertebral Instability	Wei	Ji	
25	14:46-14:50pm	392 Clinical Features and Direct Medical Cost for Patients with Acute Spinal Cord Injury	Masanori	Kato	
26	14:50-15:00pm	Q&A Session-10 Mins			
TOPIC: OPERATIVE VIDEO SESSIONS: SURGICAL TECHNIQUES IN CERVICAL SPINE					
27	15:00-15:15pm	Cervical Pedicle Screw Insertion and Management of VA Injury	Kuniyoshi	Abumi (JAPAN)	S. Rajasekaran (INDIA)
28	15:15-15:30pm	Posterior Cervical Decompression Technique	Munehito	Yoshida (JAPAN)	
29	15:30-15:45pm	Anterior Cervical Decompression Technique	Katsuji	Shimizu (JAPAN)	
30	15:45-16:00pm	Q & A Session-15 Mins			
	16:00-16:30pm	Tea Break			
TOPIC: ADULT SPINAL DEFORMITY					
31	16:30-16:45pm	Should We Stop at T10 as UIV?	Jose Manuel F	Ignacio (PHILIPPINES)	Behrooz Akbarnia (USA) & Yat Wa Wong (HONG KONG)
32	16:45-17:00pm	Must We Perform LS S1 Fusion in All Adult Spinal Deformity Cases?	Yat Wa	Wong (HONG KONG)	
33	17:00-17:15pm	Biologics in Deformity	Sigurd	Berven (USA)	
34	17:15-17:30pm	MIS Adult Spinal Deformity Surgery: Is It better?	Neel	Anand (USA)	
35	17:30-17:45pm	Q&A Session-15 minutes			
Case Discussion					
36	17:45-18:00pm	Case 1: The Adequacy of Distal Fixation in Adult Scoliosis Surgery	Yat Wa	Wong (HONG KONG)	Case Discussants: Jose Manuel F. Ignacio (PHILIPPINES) & Yat Wa Wong (HONG KONG) & Neel Anand (USA)
37	18:00-18:15pm	Case 2: Neglected Adult Idiopathic Scoliosis Additional Case: Severe Kyphosis After Surgical Correction for Achondroplasia	Kee-Yong	Ha (KOREA)	
38	18:15-18:30pm	Case 3: Application of ACR in Sagittal Deformity Correction	Behrooz	Akbarnia (USA)	

20 May 2016, Friday

No	Time	Title	Speaker - First Name	Last Name	Session Chairman
TOPIC: EARLY ONSET OF SCOLIOSIS: EOS SPINE					
1	8:00-8:15am	Luque Instrumentation for Fusionless Surgery	Yat Wa	Wong (HONG KONG)	Arvind Jayaswal (INDIA), S. Rajasekaran (INDIA)
2	8:15-8:30am	When To Use Vertical Expandable Prosthetic Titanium Rib (VEPTR)?	Yat Wa	Wong (HONG KONG)	
3	8:30-8:45am	Growing Rods: What Works, What Doesn't?	Behrooz	Akbarnia (USA)	
4	8:45-9:00am	Q&A Session-15 Mins			
Case Discussion					
5	9:00-9:20am	Case 1: Selective Thoracic Fusion and Its Complication	S	Rajasekaran (INDIA)	Case Discussants: K Sivananthan Shanmugam (MALAYSIA), Yat Wa Wong (HONG KONG) & Behrooz Akbarnia (USA)
6	9:20-9:40am	Case 2: EOS with Intraspinous Anomaly	Arvind	Jayaswal (INDIA)	
7	9:40-10:00am	Case 3: What Happens Next After You Have Put in the Growing Rods?	Gabriel	Liu (SINGAPORE)	
	10:00-10:30am	Coffee Break			
TOPIC: ADOLESCENT IDIOPATHIC SCOLIOSIS: AIS SPINE					
8	10:30-10:45am	Can You Avoid Neck and Shoulder Imbalance in Lenke 1 and 2 Scoliosis Correction?	Mun Keong	Kwan (MALAYSIA)	Keith Dip Kei Luk (HONG KONG), Chris Yin Wei Chan (MALAYSIA)
9	10:45-11:00am	Lenke IC: Selective vs Non Selective Fusion	S	Rajasekaran (INDIA)	
10	11:00-11:15am	Direct Vertebral Rotation (DVR): Does It Work?	Chung Chek	Wong (MALAYSIA)	
11	11:15-11:30am	Q&A Session-15 Mins			
Case Discussion					
12	11:30-11:50am	Case 1: Selection of Fusion Level in Lenke 5 Curves	Chris Yin Wei	Chan (MALAYSIA)	Case Discussants: Mun Keong Kwan (MALAYSIA), S. Rajasekaran (INDIA) & Chung Chek Wong (MALAYSIA)
13	11:50am-12:10pm	Case 2: Selection Thoracic Fusion	Keith Dip Kei	Luk (HONG KONG)	
14	12:10-12:30pm	Case 3: Severe Scoliosis-A Safe Management Strategy	Lau Leok	Lim (SINGAPORE)	
APSS- ELLIPSE LUNCH SYMPOSIUM: RECENT ADVANCEMENTS IN TREATMENT OF EOS SPINE: ANTERIOR VS. POSTERIOR					
	12:45-13:15pm	Posterior Approach: Magnetic Growing Rods System	Behrooz	Akbarnia (USA)	Gabriel Liu (SINGAPORE)
	13:15-13:45pm	Anterior Approach: Scoll Tether System	Hee Kit	Wong (SINGAPORE)	
TOPIC: OPERATIVE VIDEO SESSIONS: SURGICAL TECHNIQUES IN THORACOLUMBAR SPINE					
15	14:00-14:15pm	AIS: Scoliosis Reduction Techniques	Chris Yin Wei	Chan (MALAYSIA)	Hee Kit Wong (SINGAPORE), Keith Dip Kei Luk (HONG KONG) & S. Rajasekaran (INDIA)
16	14:15-14:30pm	Video-Assisted Thoracoscopic Instrumentation Surgery for AIS: VATI	Hee Kit	Wong (SINGAPORE)	
17	14:30-14:45pm	Pedicle Subtraction Osteotomy (PSO) Techniques.	Arvind	Jayaswal (INDIA)	
18	14:45-15:00pm	Q&A Session-15 Mins			
19	15:00-15:15pm	Posterior Vertebral Column Resection (PVCR)	Chung Chek	Wong (MALAYSIA)	
20	15:15-15:30pm	MIDJIF: Cortical Bone Trajectory Screw	K Sivananthan	Shanmugam (MALAYSIA)	
21	15:30-15:45pm	Lateral Lumbar Interbody Fusion: XLIF	Behrooz	Akbarnia (USA)	
22	15:45-16:00pm	Q&A Session-15 Mins			
	16:00-16:30pm	Tea Break			
TOPIC: FREE PAPERS- SPINAL DEFORMITY					
			First Name	Last Name	
23	16:30-16:34pm	568 Sequential Assessment of Spinal Cord Location in Adolescent Idiopathic Scoliosis	Caroline	Grant	Mehmet Aydogan (TURKEY) & Vo Van Thanh (VIETNAM)
24	16:34-16:38pm	1258 Characterization and Predictive Value of "Segmental Curve Flexibility" in Adolescent Idiopathic Scoliosis Patients	Jason Pui Yin	Cheung	
25	16:38-16:42pm	1206 Predictability of Peak Growth Spurt and Growth Cessation Using the Distal Radius and Ulna Classification	Jason Pui Yin	Cheung	
26	16:42-16:46pm	1495 Are Magnetically Controlled Growing Rods Useful as An Internal Splint in Idiopathic Scoliosis?	Sanjay	Yadav	
27	16:46-16:50pm	492 Effect of an Imbalanced Fusion Block with Residual Shift on Distal Adding-On Segments After Adolescent Idiopathic Scoliosis Surgical Correction	Hideki	Shigematsu	
28	16:50-17:00pm	Q&A Session-10 Mins			
29	17:00-17:04pm	134 Patient and Radiographer Assessment of the Slump Sitting Flexion Compared to the Conventional Forward Bendline Flexion	Denise	Choong	
30	17:04-17:08pm	1138 Posterior Thoraco-Pelvic Corrective Fusion for Severe Spinal Deformity in Patients with Parkinson's Disease	Yu	Yamato	
31	17:08-17:12pm	555 A Prospective Monocentric Randomized Pilot Study to Compare the Safety and Effectiveness of Two Vertebral Compression Fracture Reduction Techniques: 1 Year Results	David C	Noriega	Jose Manuel F. Ignacio (PHILIPPINES) & Dohar Tobing (INDONESIA)
32	17:12-17:16pm	559 3D Mapping to Assess Anatomical Restoration in Vertebral Compression Fractures	David C	Noriega	
33	17:16-17:20pm	1521 Two-Level Prophylactic Balloon Kyphoplasty Decreases the Risk of Proximal Junctional Kyphosis in Adult Spinal Deformity Surgery	Yasuhiro	Kaneko	
34	17:20-17:30pm	Q&A Session-10 Mins			
TOPIC: CLOSING					
35	17:30-17:35pm	Presentation of Future APSS Activities and Meetings	Mun Keong	Kwan (MALAYSIA)	Kuniyoshi Abumi (JAPAN)
36	17:35-18:00pm	What is the Future of Spine Surgery in the Next 10 years?	Keith Dip Kei	Luk (HONG KONG)	
37	18:00-18:10pm	Q&A Session-10 Mins			
38	18:10-18:20pm	Prize Giving Ceremony: Best Papers (Oral and ePoster)	Arvind	Jayaswal (INDIA)	Gabriel Liu (SINGAPORE)
			K Sivananthan	Shanmugam (MALAYSIA)	
			Kuniyoshi	Abumi (JAPAN)	
39	18:20-18:30pm	Closing Remarks	Kuniyoshi	Abumi (JAPAN)	