

# DAILY PROGRAMME 4<sup>TH</sup> AUGUST 2017, FRIDAY

VENUE : *Melaka Raya Ballroom*

0700 – 0800

**MEET-THE-EXPERTS** (*Novamedika*) >> **Case Discussion**

*Expert Panel: Kuniyoshi Abumi, Chung Jae-Yoon, Wong Yat Wa, Lee Chong-Suh, Muhammad Tariq Sobail, Cheang Chee Keong, Kwan Mun Keong, Chris Chan Yin Wei*

0800 – 0900

**SYMPOSIUM 1** >> **Diagnostic Controversies in Spine Surgery**

*Moderators : Hishamuddin Salam, K Parameshwaran*

Cervical spine clearance: When to do radiographs, CT or MRI? [\[page 17\]](#)

*Sabarul Afian Mokhtar*

Thoracolumbar fractures without neurological deficits: Is CT scan and MRI necessary? [\[page 18\]](#)

*Zamzuri Zakaria*

Isolated low back pain: When is CT scan or MRI indicated? [\[page 19\]](#)

*Mohd Imran Yusof*

0900 – 0930

**PLENARY**

*Moderators : Mohamad Fauzlie Yusof, Ed Simor Khan Mor Japar Khan*

Correction of cervical and cervicothoracic deformities in axial and coronal plane [\[page 20\]](#)

*Kuniyoshi Abumi*

0930 – 0950

**OPENING CEREMONY**

0950 – 1000

**PRESIDENTIAL INAUGURATION & APPRECIATION CEREMONY**

1000 – 1030

Coffee / Tea

1030 – 1200

**BEST RESEARCH AWARD** (Oral Presentations) [\[page 56-64\]](#)

*Moderators : Sabarul Afian Mokhtar, Brian Teo*

Comparative study on efficacy and clinical outcomes of Minimal Invasive Surgery (MIS) Transforaminal Interbody Fusion (TLIF) vs MIS Lateral Interbody Fusion (XLIF) [\[page 57\]](#)

*Sundaesan Soundararajan*

Magnetic Resonance Imaging (MRI) evaluation of the lumbar spine ligamentum flavum & its contribution to spinal stenosis [\[page58\]](#)

*Teh Hak Lian*

Outcome of single stage Posterior Spinal Fusion (PSF) using skip-level pedicle screw instrumentation in Adolescent Idiopathic Scoliosis (AIS) patients with Cobb angle > 90°

[\[page 59\]](#)

*Tan Shun Heng*

Lateral retroperitoneal transpsoas approach – A practical Minimal Invasive Surgery (MIS) option in treating pyogenic spondylitis of the lumbar vertebra [\[page 60\]](#)

*Sundaesan Soundararajan*

Spine rehabilitation exercise as an adjuvant to biphosphonates in the treatment of osteoporosis [\[page 61\]](#)

*George Ezekiel*

Blood loss and blood transfusion practices following Posterior Spinal Fusion (PSF) for Adolescent Idiopathic Scoliosis (AIS) with the use of cell salvage system: A single center review of 274 cases *[page 62]*

*Lee Wei Hong*

Complications of Posterior Spinal Fusion (PSF) for Adolescent Idiopathic Scoliosis (AIS): A single center review of 1000 consecutive cases *[page 63]*

*Yeo Kye Sheng*

Outcome of Posterior Spinal Fusion (PSF) in Adolescent Idiopathic Scoliosis (AIS) using pedicle screw construct: A single center review of 574 cases with a minimum follow up of 1 year *[page 64]*

*Lim Jun Ni*

1200 – 1300

**EXPERT FORUM >> Osteoporotic Fractures**

*Moderators : K Parameshwaran, Saravanan Shanmugam*

Percutaneous vertebroplasty and kyphoplasty: Indications and surgical techniques *[page 21]*

*K S Sivananthan*

The usage of Intravertebral Expandable Pillars (IVEP) for osteoporotic fractures *[page 22-23]*

*Chen Po-Quang*

When is Pedicle Subtraction Osteotomy (PSO) indicated for osteoporotic fractures?

*Chung Jae-Yoon*

1300 – 1430

Lunch / Friday Prayers

1430 – 1530

**EXPERT FORUM >> Cervical Radiculopathy & Myelopathy**

*Moderators : Chooi Yue Seng, Chong Chee Seang*

Anterior Cervical Discectomy and Fusion (ACDF) vs Cervical Disc Arthroplasty (CDA): Which is better? *[page 24]*

*K S Sivananthan*

Laminoplasty: Choices and techniques *[page 25]*

*Jose Manuel F Ignacio*

Surgical management of cervical OPLL: Anterior or posterior approach? *[page 26]*

*Kuniyoshi Abumi*

1530 – 1630

**EXPERT FORUM >> Spondylolisthesis & Adult Spinal Deformity**

*Moderators : Kwan Mun Keong, Abdul Shukor Mohd Hashim*

Decompression surgery alone for low grade spondylolisthesis *[page 27]*

*Wong Yat Wa*

Degenerative spondylolisthesis: MIS TLIF *[page 28]*

*Mohd Hisam Muhamad Ariffin*

Can XLIF be the solution for all low grade spondylolisthesis? *[page 29]*

*Tan Chor Ngee*

Minimally invasive surgery of adult spinal deformity using DLIF *[page 30]*

*Lee Chong-Sub*

1630 – 1700

Coffee / Tea

# DAILY PROGRAMME 5<sup>TH</sup> AUGUST 2017, SATURDAY

VENUE : *Melaka Raya Ballroom*

0700 – 0800

**MEET-THE-EXPERTS** (*Medtronic*) >> **Lecture and Case Discussion**

How to use IONM effectively in spine surgery  
*Ashok Jaryal, Fazir Mohamad, Wong Chung Chek*

0800 – 1000

**SYMPOSIUM 2** >> **Management of Complications in Spine Surgery**

*Moderators : Mazwar Sofiyan, Sureisen Mariapan*

Dural tear in lumbar decompression surgery [\[page 31\]](#)

*Abdul Halim Yusof*

Management of intraoperative neuro-monitoring signal loss [\[page 32\]](#)

*Wong Hee Kit*

Superior Mesenteric Artery (SMA) syndrome in corrective surgery for scoliosis [\[page 33\]](#)

*Chen Po-Quang*

Surgical site infections: Avoidance and management tips [\[page 34\]](#)

*Jose Manuel F Ignacio*

Cement leakage during vertebroplasty: How to prevent it and what to do if it happens?

[\[page 35\]](#)

*Warat Tassanawipas*

How to avoid complications during C1-2 transarticular screws and C1-2 pedicle screws?

[\[page 36\]](#)

*Yoon Seung-Hwan*

1000 – 1030

Coffee / Tea

1030 – 1230

**FREE PAPERS** [\[page 65-77\]](#)

*Moderators : Chiu Chee Kidd, Zairul Anuar*

A novel approach utilising hydrolift for posterior vertebral column reconstruction in patient with solitary spinal metastatic tumor [\[page 67\]](#)

*Mohd Hisam Muhamad Ariffin*

Cervical stand-alone peek cage versus zero-profile anchored spacer in anterior cervical discectomy and fusion: Short term assessment of clinical and radiographic outcome [\[page 68\]](#)

*Shigeharu Fukao*

Morphometric evaluation of C1 pedicle and lateral mass for screw fixation: Feasibility study using CT scan [\[page 69\]](#)

*Teo Yu Meng*

Is there a difference between patients' and parents' perception of the physical appearance in Adolescent Idiopathic Scoliosis (AIS)? [\[page 70\]](#)

*Lim Min Yuen*

Randomized controlled trial of usage of chewing gum in post-operative recovery after Posterior Spinal Fusion (PSF) surgery for Adolescent Idiopathic Scoliosis (AIS) [\[page 71\]](#)

*Siti Mariam Abd Gani*

Quantitative analysis of local bone graft harvested from the posterior elements during Posterior Spinal Fusion (PSF) in Adolescent Idiopathic Scoliosis (AIS) patients [\[page 72\]](#)

*Choo Qi Qi*

Accelerated post-operative recovery protocol among Asian Adolescent Idiopathic Scoliosis (AIS) patients. Is it feasible? [\[page 73\]](#)

*Siti Mariam Mohamad*

## DAILY PROGRAMME 5<sup>TH</sup> AUGUST 2017, SATURDAY *[continued]*

Accuracy of cannulated pedicle screws versus conventional pedicle screws for extra-pedicular screw placement in dysplastic pedicles without cancellous channel in Adolescent Idiopathic Scoliosis (AIS): A Computerized Tomography (CT) analysis [\[page 74\]](#)

*Siti Mariam Abd Gani*

Neuropathic pain in Posterior Spinal Fusion (PSF) for Adolescent Idiopathic Scoliosis (AIS): Is it a significant problem? [\[page 75\]](#)

*Chan Teik Seng*

Do overweight Adolescent Idiopathic Scoliosis (AIS) patients have an increased peri-operative risk for Posterior Spinal Fusion (PSF) surgery? [\[page 76\]](#)

*Loh Ling Hui*

Long-term surgical outcomes of spinal intramedullary ependymomas: A retrospective study of 23 consecutive patients [\[page 77\]](#)

*Murad Asiltürk*

- 1230 – 1300 Pre-Lunch Satellite Symposium (*L & K Biomed Malaysia*)  
Surgical managements of kyphosis: Cervical to lumbar spine  
*Yoon Seung-Hwan*
- 1300 – 1400 Lunch Satellite Symposium (*MSD*)  
Multimodal pain management in spine surgery  
*Azmi Baharudin*
- 1400 – 1430 Post-Lunch Satellite Symposium (*Perintis Medik*)  
Minimally invasive intradiscal therapy – Disc-FX (philosophy and technical consideration)  
*Girish Datar*
- 1430 – 1630 **OPERATIVE VIDEO PRESENTATION**  
*Moderators : Azmi Baharudin, Mohamad Zaki Mohd Amin*  
En-bloc spondylectomy through single posterior approach for thoracic and lumbar spinal tumors [\[page 37\]](#)  
*Kuniyoshi Abumi*  
Minimal invasive surgery for tuberculosis spondylitis  
*Arvind Jayaswal*  
Thoracoscopic anterior spinal fusion for adolescent idiopathic scoliosis [\[page 38\]](#)  
*Wong Hee Kit*  
Posterior Column Osteotomy (PCO) in lumbar degenerative kyphosis [\[page 39\]](#)  
*Wong Chung Chek*  
Short segment anterior fusion for thoracolumbar fractures  
*Chung Jae-Yoon*  
Lumbosacral fixation: Technique, tips and tricks [\[page 40\]](#)  
*Wong Yat Wa*  
Percutaneous transforaminal endoscopic lumbar discectomy [\[page 41\]](#)  
*Girish Datar*
- 1630 – 1700 Coffee / Tea

# DAILY PROGRAMME 6<sup>TH</sup> AUGUST 2017, SUNDAY

VENUE : *Melaka Raya Ballroom*

- 0700 – 0800 **MEET-THE-EXPERTS >> Case Discussion**  
*Expert Panel: Wong Hee Kit, Arvind Jayaswal, Warat Tassanawipas, Md Shah Alam, Kwan Mun Keong, Chris Chan Yin Wei, Kantha Rasalingam, Dharmendra Ganesan*
- 0800 – 0930 **SYMPOSIUM 3 >> Management Controversies in Spine Surgery (Part 1)**  
*Moderators : Abdul Malik Mohamed Hussein, Jayamalar Thurairajasingam*  
Distraction magnitude and frequency in juvenile idiopathic scoliosis with growing rods [page 42]  
*Arvind Jayaswal*  
Recurrent Prolapsed Intervertebral Disc (PID): Discectomy or spinal fusion surgery? [page 43]  
*Wong Hee Kit*  
High grade spondylolisthesis: Insitu fusion or reduction fusion [page 44]  
*Arvind Jayaswal*  
Interspinous posterior devices: What are the real surgical indications?  
*Deepak Ajit Singh*  
Is NSAIDs usage contraindicated in spine fusion surgery?  
*Azmi Baharudin*
- 0930 – 1000 Coffee / Tea
- 1000 – 1130 **SYMPOSIUM 4 >> Management Controversies in Spine Surgery (Part 2)**  
*Moderators : Kantha Rasalingam, Chris Chan Yin Wei*  
Management of thoracolumbar A3 and A4 type burst fractures [page 45]  
*Saw Lim Beng*  
The timing of decompressive surgery after acute traumatic Spinal Cord Injury (SCI) [page 46]  
*Wong Chung Chek*  
Traumatic thoracic fracture dislocation with complete Frankel A paraplegia: Current recommended surgical management [page 47]  
*Warat Tassanawipas*  
Type 2 odontoid fractures: Conservative or surgery? [page 48]  
*Lim Heng Hing*  
Management of cervical facet dislocation: The role of MRI prior to reduction or surgery [page 49]  
*Oh Kim Soon*  
Surgery for cervical facet dislocation: Anterior versus posterior approach [page 50]  
*Ahmad Sabri Omar*
- 1130 – 1230 **SYMPOSIUM 5 >> Problems & Issues in the Local Spine Surgery Practice**  
*Moderators : Chuah Uei Chyi, Tan Kok Keong*  
Spine surgery training in Malaysia [page 51]  
*Fazir Mohamad*  
Cost effectiveness in spine surgery [page 52]  
*Zamyn Zuki Mohd Zuki*  
Spine surgery medicolegal climate and issues in Malaysia [page 53]  
*Harwant Singh*  
Can I turn a patient away – Legal and ethical considerations involving medical practitioners and hospitals [page 54-55]  
*K S Sivananthan*
- 1230 – 1300 Closing Ceremony & Prize Presentation
- 1300 – 1430 Lunch