DAILY PROGRAMME 4TH 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 Fauzie 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]  
Sundaresan Soundararajan
Magnetic Resonance Imaging (MRI) evaluation of the lumbar spine ligamentum flavum & its contribution to spinal stenosis [page 58]  
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 Herng
Lateral retroperitoneal transpsoas approach – A practical Minimal Invasive Surgery (MIS) option in treating pyogenic spondylitis of the lumbar vertebra [page 60]  
Sundaresan 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  
Lee Wei Hong

Complications of Posterior Spinal Fusion (PSF) for Adolescent Idiopathic Scoliosis (AIS): A single center review of 1000 consecutive cases  
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  
Lim Jun Ni

1200 – 1300  
EXPERT FORUM >> Osteoporotic Fractures  
Moderators: K Parameshwaran, Saravanan Shanmugam  
Percutaneous vertebroplasty and kyphoplasty: Indications and surgical techniques  
K S Sivananthan

The usage of Intravertebral Expandable Pillars (IVEP) for osteoporotic fractures  
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 Disectomy and Fusion (ACDF) vs Cervical Disc Arthroplasty (CDA): Which is better?  
K S Sivananthan

Laminaplasty: Choices and techniques  
Jose Manuel F Ignacio

Surgical management of cervical OPLL: Anterior or posterior approach?  
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  
Wong Yat Wa

Degenerative spondylolisthesis: MIS TLIF  
Mohd Hisam Mubamad Ariffin

Can XLIF be the solution for all low grade spondylolisthesis?  
Tan Chor Ngee

Minimally invasive surgery of adult spinal deformity using DLIF  
Lee Chong-Sub

1630 – 1700  
Coffee / Tea
MEET-THE-EXPERTS (Medtronic) >> Lecture and Case Discussion
How to use IONM effectively in spine surgery
Ashok Jaryal, Fazir Mohamad, Wong Chung Chek

SYMPOSIUM 2 >> Management of Complications in Spine Surgery
Moderators: Mazwar Sofyian, 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

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]
Mold 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
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
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
**SYMPHOSIUM 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
**SYMPHOSIUM 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
**SYMPHOSIUM 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]
  Zanyn Zuk Mhd 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 Sivanthan

1230 – 1300
Closing Ceremony & Prize Presentation

1300 – 1430
Lunch