



APSS

Kota Kinabalu Operative Spine Course

16th – 18th December 2024

Queen Elizabeth Hospital, Kota Kinabalu, Sabah, Malaysia



LOCAL ORGANISING CHAIRMAN
DR. FOO CHOONG HOON



**APSS OPERATIVE COURSE SUB
COMMITTEE CHAIRMAN**
DR. WONG CHUNG CHEK

Programme Booklet



16th – 18th December 2024

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**Operative
Spine Course**

Asia Pacific Spine Society (APSS) Central Sponsors Acknowledgement

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INTERNATIONAL SPEAKERS



Prof Dr Jason Cheung • Prof Dr Hai Yong • Prof Dr Wong Yat Wa • Prof Dr Ajoy Shetty • Prof Dr Kai Cao
Hong Kong China Hong Kong India China

MALAYSIAN SPEAKERS



Dr Jayamalar Thurairajasingam • Dr Wong Chung Chek • Prof Dato Dr Kwan Mun Keong • Dato Dr KS Sivanathan • Dr Zairul Anuar Kamarul Bahrin



Dr Aldred Soo • Prof Dr Chiu Chee Kidd • Prof Dr Chris Chan Yin Wei • Prof Dato Dr Mohd Hisam Mohd Ariffin • Dr Loh Choong Sing • Dr James Tan Boon Beng



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TENTATIVE SURGERIES

***Corrective Surgery :
Adolescents Idiopathic Scoliosis***

***Corrective Surgery :
Ankylosing Spondylitis***

***XALIF/MIS TLIF
for Degenerative Lumbar Stenosis***

***Laminoplasty/LMF and Decompression
for Cervical Myelopathy***

ACDF/ADR for Cervical Radiculopathy

Vertebral Body Tethering for Scoliosis

Endoscopy Surgery for Lateral Canal Stenosis

TB Spine



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COURSE ITINERARY DAY 1

AUDITORIUM HALL

LIVE SURGERY MIS - TLIF FROM BORNEO MEDICAL CENTRE, KUCHING, SARAWAK
SURGEON : MR WONG CHUNG CHEK

TIME	TOPIC	SPEAKER
0800 – 0830	Registration of Participants Opening Ceremony Welcome Remarks by Sabah Head of Orthopaedic Surgery	
0830 – 0900	Welcome Remarks by HQE Head of Orthopaedic Surgery Welcome Remarks by APSS President Welcome Remarks by HQE Director Photography session	
0900 - 0930	Coffee Break	
0930 - 1100	Pre-Operative Cases Presentation and Discussion 1	Prof Dato Dr Kwan Mun Keong Prof Dr Ajoy Shetty
1100 – 1230	Pre-Operative Cases Presentation and Discussion 2	Prof Dr Wong Yat Wa Prof Dato Dr Mohd Hisam Mohd Ariffin
1230 – 1400	Lunch Talk Osteoporosis : Use of Anabolic and AR, where and when?	Dr Gordon Pang Hwa Mang
1400 – 1530	Saw Bone : Thoracic Pedicle Screw, Lumbar Pedicle Screw, S1 Screw Fixation, S2AI/Iliac Screws	Prof Dato Dr Kwan Mun Keong Prof Dr Ajoy Shetty
1530 – 1700	Saw Bone : Posterior Instrumentation of Cervical Spine, C1/C2, Lateral Mass and Pedicle Screw	Prof Dr Kai Cao Prof Dr Chris Chan Yin Wei



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COURSE ITINERARY DAY 2

AUDITORIUM HALL

MORNING SESSION

Degenerative Lumbar Spine Disease

- Degenerative Spondylolisthesis : should we fuse or just decompress?
- Lumbar Endoscopic Surgery : Indications, Limitations and Complications
- Lumbar Fusion Surgery : How do I choose the right approach for my patients?
- High grade Spondylolisthesis: Reduction or in-situ fusion?
- Complications of ASD Surgery: Risk Factors, Preventions and Management

MODERATOR

Prof Dr Hai Yong
Dato Dr K.S. Sivanathan

Prof Dr Chris Chan Yin Wei

Dr Loh Choong Sing

Dr Wong Chung Chek

Prof Dr Wong Yat Wa

Prof Dr Hai Yong

LUNCH



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COURSE ITINERARY DAY 2

AUDITORIUM HALL

AFTERNOON SESSION

Spinal Deformity

- Adolescent Idiopathic Scoliosis : Classification & selection of fusion level
- Correction Techniques in AIS surgery: When to use one?
- Vertebral Body Tethering in AIS surgery: Indications, Principle & Complications
- Roles of Osteotomy in spinal deformity surgery : Indications & Principle
- Congenital Scoliosis: How I manage them?

MODERATOR

Dr Jayamalar Thurairajasingam
Prof Dr Kai Cao

Prof Dr Chiu Chee Kidd

Prof Dato Dr Kwan Mun Keong

Prof Dr Jason Cheung

Dr Jayamalar Thurairajasingam

Prof Dato Dr Mohd Hisam
Mohd Ariffin



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COURSE ITINERARY DAY 2

GENERAL OPERATION THEATRE, LEVEL 3
OPERATING ROOM 15 & 16

1st Case

Diagnosis : **C4, C5 Chance Injury with underlying OPLL**

Operation : C3 and C4 Anterior Cervical Corpectomy and Fusion

Surgeon : Prof Dato Dr Mohd Hisam Mohd Ariffin

2nd Case

Diagnosis : **Ankylosing Spondylitis**

Operation : PSIF T9 - L3 + Posterior Vertebral Column Resection and Anterior Column Reconstruction of T12

Surgeon : Prof Dr Hai Yong

3rd Case

Diagnosis : **Thoracolumbar Scoliosis**

Operation : Vertebral Body Tethering Surgery

Surgeon : Prof Dr Jason Cheung Pui Yin



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COURSE ITINERARY DAY 3

AUDITORIUM HALL

MORNING SESSION

Degenerative Cervical Spine Disease

- Cervical Kyphosis: My Surgical Approach
- Cervical Spondylotic Myelopathy and Radiculopathy : My Treatment Approach
- How I manage C1/C2 instability?
- Role of Robot in Spine Surgery
- Orthobiologic injection-based treatment for lumbar spine

LUNCH

MODERATOR

Prof Dr Chiu Chee Kidd
Prof Dr Jason Cheung

Prof Dr Kai Cao

Dr Zairul Anuar Kamarul
Bahrin

Prof Dr Ajoy Shetty

Prof Dr Hai Yong

Dr Aldred Soo Cheng Wei



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COURSE ITINERARY DAY 3

AUDITORIUM HALL

AFTERNOON SESSION

Spinal infection, Tumour and post operative discussion

- Spinal Metastasis Classification & Management
- Cervical Spine Tumour : How I Manage?
- Treatment Controversies of Spinal Infection
- Navigation in Spinal Tumor
- Discussion on the post operative patients and images

MODERATOR

Prof Dr Chris Chan
Dr Zairul Anuar Kamarul
Bahrin

Prof Dr Chiu Chee Kidd

Prof Dato Dr Mohd Hisam
Mohd Ariffin

Dato Dr K.S. Sivanathan

Prof Dr Ajoy Shetty

Dr James Tan
Dr Foo Choong Hoon



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COURSE ITINERARY DAY 3

GENERAL OPERATION THEATRE, LEVEL 3
OPERATING ROOM 15 & 16

1st Case

Diagnosis : L4/L5 Spondylotic Spinal Canal Stenosis

Operation : Endoscopic Decompression Surgery

Surgeon : Dr Loh Choong Sing

2nd Case

Diagnosis : Severe Thoracolumbar Scoliosis

Operation : Scoliosis Corrective Surgery and PSIF

Surgeon : Dr Wong Yat Wa, Dr Wong Chung Chek

3rd Case

Diagnosis : L5/S1 Isthmic Spondylolisthesis with Radiculopathy

Operation : XALIF

Surgeon : Dr Wong Chung Chek



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Organising Committee

APSS President : Prof Dato Dr Kwan Mun Keong

APSS Operative Course Sub Committee Chairman : Dr Wong Chung Chek

Local Organising Committee Chairman : Dr Foo Choong Hoon

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Dr Chan Sook Kwan
Dr Jason Teh Kai Hean
Dr Ahmad Faizal Bin Roslan
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Dr Lim Han Sim
Dr Bong Chin Pei
Dr Norisyam Bin Yusoff
Noormaini Matiasin

Design

Dr Wan Ahmad Syafiq Bin Wan Hazmy
Elyoeneh Jimmy

Committee Members

Rukiah Yahya
Fatimah Wahid
Sarimawati Binti Akmadis
Dosia Judit Dalasius
Vianly Bianus
Shelly Padalis
Medtron Matah



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