Advance Spinal
Deformity Symposium: From young to old

14 October 2026
National University Hospital
NUHS Tower Block
1E Kent Ridge Road
Singapore 119228

Program Description

This comprehensive spinal deformity program is designed to update knowledge of spine surgeons through a blend of interactive lectures and practical case discussions. Attendees will delve into essential spinal surgery techniques, participate in collaborative discussions with peers and faculty, and gain exposure to complex surgical scenarios. Throughout the program, the emphasis is on building surgical confidence, informed decision-making, and teamwork, nurturing the development of future leaders in spinal care.

Course Director



Adj Professor Gabriel Liu Ka Po
Senior Consultant
National University Spine Institute
National University Hospital
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International Faculty



Professor Marinus de Kleuver
Past President of Scoliosis Research Society (SRS)
Radboud University Medical Centre
Nijmegen, Gelderland Netherlands



Professor Kim Hak-Sun
Chief editor, Asian Spine Journal
Korean Orthopaedic Association (KOA) President
Orthopaedic Spine Surgeon
Yonsei University College of Medicine and
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Seoul, South Korea



Professor Zheng Zhaomin
Head, Department of Spine Surgery
The First Affiliated Hospital of Sun Yat-sen
University
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Professor Sabarul Afian Mokhtar
Malaysian Orthopaedic Association (MOA)
President
Department of Orthopaedics and Traumatology
Faculty of Medicine

Local Faculty



Assoc Professor Joseph Thambiah
Head & Senior Consultant
National University Spine Institute
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Adj Assoc Prof Jacob Oh
Singapore Spine Society (SSS) President
Senior Consultant and Deputy Head
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Clin Assoc Prof Reuben Soh
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Dr John Ruiz
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Dr Wayne Yap
Consultant
Department of Orthopaedic Surgery
Tan Tock Seng Hospital
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09:15 AM	Registration	
09:30 AM	Introduction	Adj Prof Gabriel Liu
09:35 AM	Welcome address	A/Prof Joseph Thambiah
	Paediatrics Deformity Principal Review & Updates – Part I	**Moderator:** **A/Prof Joseph Thambiah**
09:40 AM	How to select UIV and LIV in AIS surgeries	Dr Tan Jun Hao
09:50 AM	Idiopathic scoliosis and shoulder balance	Prof Marinus de Kleuver
10:00 AM	Where are we today with sagittal correction in paediatrics	Clin A/Prof Reuben Soh
10:10 AM	Q&A	
	Paediatrics Deformity Principal Review & Updates – Part II	**Moderator:** **Clin A/Prof Reuben Soh**
10:40 AM	Recent advances in treatment of DMD scoliosis	Prof Kim Hak-Sun
10:50 AM	Halo gravity traction for severe rigid deformity	Prof Zheng Zhaomin
11:00 AM	Principles and current updates on VBT in young scoliosis patients	Dr Lau Leok Lim
11:10 AM	Q&A	
11:40 AM	Tea	
	Case Discussion	**Moderator:** **Dr Lau Leok Lim**
11:50 AM	AIS	Dr John Ruiz
12.00 PM	Growing spine	Dr Maria Florencia
12.10 PM	An analysis of a case of postoperative paraplegia following scoliosis surgery	Prof Kim Hak-Sun
12:20 PM	Photo Taking	
12:50 PM	Lunch	
	Adult Spinal Deformity (ASD) Principal Review & Updates	
	I: Surgical Strategies – Part I	**Moderators:** **A/Prof Dennis Hey / Dr Alex Teo**
13:20 PM	How to reduce a high-grade spondylolisthesis	Prof Marinus de Kleuver
13:30 PM	Sagittal Balance and Its Impact on Clinical Outcomes	Prof Sabarul Afian Mokhtar
13:40 PM	Cervical deformity management	Adj Prof Gabriel Liu
13:50 PM	How to approach metastatic spinal deformity	Adj Prof Naresh Kumar
14:00 PM	Q&A	
	Case Discussion	**Moderator:** **A/Prof Joseph Thambiah**
14:30 PM	A typical case of ASD?	Dr Michael G. Kontakis
14:50 PM	Trouble in the neighbourhood: A case presentation on adjacent segment disease after lumbar fusion	Dr Wayne Yap
15:10 PM	Recurrent monostotic fibrous dysplasia of a patient with spinal deformity	Dr Jonathan Tan
15:30 PM	Tea	
	I: Surgical Strategies – Part II	**Moderators:** **Dr Dinesh Shree Kumar / Adj Prof Naresh Kumar**

15:40 PM	How to do 3-column osteotomy safely	Dr Alex Teo
15:50 PM	Is there a role of motion preserving surgery in ASD: Endoscopy or ADR…	A/Prof Dennis Hey
16:00 PM	From open to MIS deformity: The right tool kit matters	Adj A/Prof Jacob Oh
16:10 PM	Q&A	
	II: Surgical Techniques (Video demonstration)	**Moderators:** **Adj A/Prof Jacob Oh / Dr Jonathan Tan**
16:40 PM	Instrument the difficult spine: when a pedicle screw won't fit or won't do	Prof Marinus de Kleuver
16:50 PM	MIS TLIF Robotic (How to reduce spondylolisthesis)	Dr Dinesh Shree Kumar
17:00 PM	LLIF (OXUF/XLIA-AP) and subcrestal screw in MIS ASD surgery	Adj Prof Gabriel Liu
17:10 PM	Transdiscal screws, a potential candidate for PJK prophylaxis	Dr Ou Yang Youheng
17:20 PM	Q&A	
18:00 PM	End of Day	

Registration

SGD $550 per participant. Please scan the below QR code to register.

for.sg

https://for.sg/asds2026