

Tuesday, 16 June 2009

<u>Time</u>	<u>Programme</u>	<u>Venue</u>
8.00 am	Registration	Seminar Rm 5B Main Building
8.30 am	<b>LIVE SURGERY</b> Dr Gabriel Liu Live Surgery I • AIS: Thoracoscopic Instrumentation	Wong Hee Kit
<b>Moderator</b>	Live Surgery II • AIS: Posterior Instrumentation	Hee Hwan Tak
	Live Surgery III • TBA	Wong Hee Kit
(TEA BREAK & LUNCH PROVIDED)		
5.00 pm	END OF COURSE	

#### LOCAL FACULTY

##### UNIVERSITY SPINE CENTRE

Professor Wong Hee Kit

Chair, University Orthopaedics and HRM Cluster  
Head, University Spine Centre, National University Hospital

Assoc. Professor Hee Hwan Tak

Senior Consultant, National University Hospital

Dr Joseph Thambiah

Senior Consultant, National University Hospital

Dr Naresh Kumar

Senior Consultant, National University Hospital

Dr Gabriel Liu

Consultant, National University Hospital

##### PAEDIATRIC DIVISION

Associate Professor James Hui

Senior Consultant, National University Hospital

##### NEUROSURGERY DIVISION

Clin A/Prof Chou Ning

Head, Division of Neurosurgery

##### OVERSEAS FACULTY

Professor Cornelius Wimmer

Behandlungszentrum Vogtareuth

Klinik für Wirbelsäulen Chirurgie

Krankenhausstrasse 20

83569 Vogtareuth, Germany

##### COURSE DIRECTOR

Dr Gabriel Liu

For General Enquiries, please contact:

The Secretariat

Ms S. Sarojeni

Department of Orthopaedic Surgery

National University Hospital

5 Lower Kent Ridge Road

Singapore 119074

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Email: dossss@nus.edu.sg

#### COURSE OBJECTIVES

To gain knowledge in current treatment on adolescent scoliosis correction (including MIS technique) and hands-on workshop using cadaveric thoracoscopic sawbone trainer and live surgery. Participants are requested to bring cases in Powerpoint Format for group discussion.

#### WHO SHOULD ATTEND

Spine Surgeons who are interested in adolescent spine deformity correction.

#### Registration

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Institution: \_\_\_\_\_

Contact Address: \_\_\_\_\_

Email: \_\_\_\_\_

Office

Phone: \_\_\_\_\_

Mobile Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Course Fee :US\$1200

#### Payment

Please mail your application together with your cheque/ bank draft payable to "National University Hospital", Dept of Orthopaedic Surgery, National University Hospital, Lower Kent Ridge Road, Singapore 119074 and on the reverse, please state: "Adolescent Spinal Deformity Course".

#### Accommodation

For accommodation queries please contact Ms S. Sarojeni, Department of Orthopaedic Surgery, National University Hospital  
Email: dossss@nus.edu.sg

#### CANCELLATION CLAUSE

Any cancellation or replacement must be conveyed to the organizer in writing. A cancellation charge of 90% of fee will be levied if the cancellation is received on or before 1 June 2009. There will be no fee refund if the cancellation is received after. The organizer reserves the right to cancel the workshop and fully refund the participants should unforeseen circumstances necessitate it.

COURSE IS SUPPORTED BY DEPUY SPINE



## NUHS SPINAL WORKSHOP ADOLESCENT SPINAL DEFORMITY COURSE

14–16 JUNE 2009

#### VENUE

ADVANCED SURGICAL TRAINING CENTRE  
NATIONAL UNIVERSITY HOSPITAL  
KENT RIDGE WING 2, LEVEL 2(SOUTH ENTRANCE)  
5 LOWER KENT RIDGE ROAD  
SINGAPORE 119074



# NUHS SPINAL WORKSHOP

## ADOLESCENT SPINAL DEFORMITY COURSE

**Sunday 14 June 2009**

<u>Time</u>	<u>Programme</u>	<u>Speaker</u>
7.30 am	Registration/ Housekeeping/Breakfast	Gabriel Liu
7.45 am	Welcome Address	Wong Hee Kit
<b>Session 1</b> <b>Chairman:</b>	<b>PRE OPERATIVE PLANNING</b> Wong Hee Kit	
8.00 am	Classification of Adolescent Idiopathic Scoliosis (AIS)	Gabriel Liu
8.15 am	AIS: Non-Operative Management	Hee Hwan Tak
8.30 am	AIS:History of Surgical Development& Pre-op Planning	Joseph Thambiah
8.45 am	AIS:Posterior Approach: Distal Fusion Level Selection	Hee Hwan Tak
9.00 am	Selective Fusion	Gabriel Liu
9.15 am	DISCUSSION	
9.30 AM	TEA BREAK	
<b>Session 2</b> <b>Chairman:</b>	<b>SPECIAL CONDITIONS UPDATES</b> Hee Hwan Tak	
10.00 am	Management of Scoliosis >70 Degree	Wong Hee Kit
10.15 am	Overview Management of Idiopathic Scoliosis: Infantile & Juvenile Subtypes	C Wimmer
10.30 am	Overview Management of Congenital Scoliosis	Wong Hee Kit
10.45 am	Overview Management Of Neuromuscular Scoliosis	James Hui
11.00 am	Overview Management of Scoliotic Patient with Arnold Chirari, Syringomyelia & Tethered Cord	Chou Ning

**Sunday 14 June 2009**

<u>Time</u>	<u>Programme</u>	<u>Speaker</u>
<b>Session 3</b> <b>Chairman:</b>	<b>TECHNIQUES</b> Naresh Kumar	
11.15 am	Implants Biomechanics & Open Thoracic Pedicle Screws Insertion Technique	Naresh Kumar
11.30 pm	MIS Thoracic Pedicle Screw Insertion	C Wimmer
11.45 pm	DISCUSSION	
12.00 pm	LUNCH (Group Photo)	
<b>Session 4</b>	<b>CADAVERIC WORKSHOP (POSTERIOR APPROACH)</b>	
1.00pm		
⇒	• MIS Pedicle Screw Insertion	C Wimmer
⇒	• Open Pedicle Screw/Insertion	Naresh Kumar
⇒	• Thoracoplasty	Hee Hwan Tak
3.00 pm	TEA BREAK	
<b>Session 5</b> <b>Chairman:</b>	<b>CASE DISCUSSION</b> Wong Hee Kit	
3.30 pm	Case Presentation & Discussion	C Wimmer
4.00 pm	Participants Case Presentation	
4.30 pm	END OF DAY	

**Monday, 15 June 2009**

<u>Time</u>	<u>Programme</u>	<u>Speaker</u>
<b>Session 1</b> <b>Chairman:</b>	<b>MIS SCOLIOSIS CORRECTION</b> Open Anterior Surgical Approach	
9.00 am		Joseph Thambiah
9.15 am	MIS Anterior (Thoracoscopic) Instrumentation and Scoliosis Correction	Wong Hee Kit
9.45 am	MIS Posterior Instrumentation And Scoliosis Correction(Early Results)	C Wimmer
10.00 am	DISCUSSION	
9.45 am	TEA BREAK	

**Monday, 15 June 2009**

<u>Time</u>	<u>Programme</u>	<u>Speaker</u>
<b>Session 2</b>	<b>TECHNIQUES</b>	
10.45 am	Overview Management of Spondylolisthesis	Hee Hwan Tak
11.00 am	Overview Management of Pars Interarticularis Defect	Naresh Kumar
11.15 am	Lumbosacral Fixation	Joseph Thambiah
11.30 am	Spinal Osteotomy	Gabriel Liu
11.45 am	Spinal Cord monitoring	Lisa Zhu
12.00 pm	DISCUSSION	
12.30 pm	LUNCH	
<b>Session 3</b>	<b>CADAVERIC WORKSHOP (ANTERIOR APPROACH)</b>	
1.30 pm	• Thoracoscopic Instrumentation On Sawbone trainers/cadavers	Wong Hee Kit Gabriel Liu
	• Thoracotomy/ Thoracoabdominal Approach	Joseph Thambiah
3.30 pm	TEA BREAK	
<b>Session 4</b>	<b>LECTURES &amp; CASE DISUCSSIONS</b>	
4.00 pm	How to Avoid Surgical Complication in AIS Surgery	Wong Hee Kit
4.15 pm	Live Surgery Case Presentation	
5.15 pm	Participants Case Presentation	
6.00 pm	END OF DAY	
7.30 pm	<b>COURSE DINNER &amp; CERTIFICATE PRESENTATION</b> (Transport will be provided)	