

**Sunday, 25 October 2009**

<u>Time</u>	<u>Programme</u>	<u>Speakers / Moderators</u>
-------------	------------------	------------------------------

7.15 am	Registration/Breakfast	
7.25 am	Housekeeping	Wong Hee Kit Gabriel Liu

**Session 1 : SURGICAL ANATOMY****Chairman : HEE HWAN TAK**

7.30 am	<b>Vertebral Artery Anatomy &amp; Injury</b>	Hee Hwan Tak
7.45 am	<b>High Anterior Cervical Approach (C2-4)</b>	Gabriel Liu
8.00 am	<b>Cervico-Thoracic Approach (C7-T3)</b>	Joseph Thambiah
8.15 am	Questions & Answers	

**Session 2: ANTERIOR APPROACH****CHAIRMAN : JOSEPH THAMBIAH**

8.30 am	<b>Radiculopathy Management: Anterior vs Posterior Approach</b>	Hee Hwan Tak
8.45 am	<b>ACDF and Corpectomy &amp; Plating Technique</b>	Gabriel Liu
9.00 am	<b>Anterior Odontoid Screw Fixation</b>	Joseph Thambiah
9.15 am	Questions & Answers	
9.30 am	<i>Tea Break</i>	

**Session 3: ANTERIOR CADAVERIC WORKSHOP I**

	<b>HANDS-ON-LAB</b>	All Faculties
10.00 am	<ul style="list-style-type: none"> <li>• ACDF</li> <li>• Odontoid Screw</li> </ul>	Jin Sup Yeom Joseph Thambiah

**Session 4: SPECIFIC TOPIC UPDATES****CHAIRMAN : GABRIEL LIU**

11.45 am	<b>Central Cord Syndrome : Surgery vs Conservative</b>	Joseph Thambiah
12.00 pm	<b>Cervical Arthroplasty Results</b>	Gabriel Liu
12.15 pm	<b>Principles Management of Spinal Tumor and Infections</b>	Naresh Kumar
12.30 pm	<b>Spine Fusion Biologics (BMPS)</b>	Gabriel Liu
12.45 pm	Questions & Answers	
1.00 pm	<i>Lunch &amp; Group Photo</i>	

**Sunday, 25 October 2009**

<u>Time</u>	<u>Programme</u>	<u>Speakers / Moderators</u>
-------------	------------------	------------------------------

**Session 5: ANTERIOR CADAVERIC WORKSHOP 2**

2.00 pm	<ul style="list-style-type: none"> <li>• Corpectomy</li> <li>• Artificial Disc Replacement</li> </ul>	All Faculties Naresh Kumar Hee Hwan Tak
---------	---	---

3.15 pm *Tea Break***Session 6: SURGICAL COMPLICATIONS****Chairman : NARESH KUMAR**

3.30 pm	<b>Dysphagia and Dysphonia</b>	Naresh Kumar
3.45 pm	<b>Emergency Cricothyroidotomy/ Tracheostomy/Transoral Anatomy and Odonatal Biopsy</b>	Thomas Loh
4.00 pm	<b>Dural Tear Management</b>	Yeo Tseng Tsai
4.15 pm	<b>Pseudoarthrosis: Etiology and Management</b>	Gabriel Liu
4.30 pm	Questions & Answers	

***END OF DAY 1*****Monday, 26 October 2009**

8.45 am	Registration/Housekeeping	
---------	---------------------------	--

**Session 7: POSTERIOR APPROACH****Chairman : JIN SU YEOM**

9.00 am	<b>Myelopathy Management (Anterior vs Posterior Approach)</b>	Gabriel Liu
9.15 am	<b>Laminoplasty Technique</b>	Wong Hee Kit
9.30 am	Questions & Answers	

**Session 8: SPECIAL TECHNIQUES****Chairman : GABRIEL LIU**

9.45 am	<b>C1 Lateral mass screw</b>	Jin Sup Yeom
10.00 am	<b>C2 Transarticular Screw</b>	Hee Hwan Tak
10.15 am	<b>C2 Screw (exclude transarticular)</b>	Jin Sup Yeom
10.30 am	Questions & Answers	
10.45 am	<b>Tea Break</b>	
11.00 am	Lateral Mass Screw	Naresh Kumar
11.15 am	Cervical Pedicle Screw	Jin Sup Yeom
11.30 am	Occipito-Cervical Junction Decompression and Stabilization	Hee Hwan Tak

**Monday, 26 October 2009**

<u>Time</u>	<u>Programme</u>	<u>Speakers / Moderators</u>
-------------	------------------	------------------------------

11.45 am	<b>Nerve Root Blocks (Evidence/Technique/Complication)</b>	Naresh Kumar
----------	--	--------------

12.00 pm	Questions & Answers	
----------	---------------------	--

12.30 pm *Lunch***Session 9: POSTERIOR CADAVERIC WORKSHOP**

	<b>HANDS ON LAB</b>	All Faculties
2.30 pm	<ul style="list-style-type: none"> <li>i. Lateral Mass Screw</li> <li>ii. Pedicle Screw</li> <li>iii. Laminoplasty</li> <li>iv. C1C2 screw</li> <li>v. Occipital-Cervical Fusion</li> </ul>	Naresh Kumar Ju Sup Yeom  Gabriel Liu Hee Hwan Tak

3.45 pm *Tea Break***Session 10: CASE PRESENTATION****CHAIRMAN : GABRIEL LIU**

4.00 pm	<b>Overseas Faculty Cases Presentations</b>	All Faculties
5.00 pm	<b>Local Cases Presentations</b>	Registrar
6.00 pm	<b>Participant Case Presentations</b>	
6.30 pm	<b>END OF DAY 2</b>	

7.30 pm **COURSE DINNER (Certificate Presentation)****Tuesday, 27 October 2009****Session 11: LIVE SURGERY****CHAIRMAN : GABRIEL LIU**

8.00 am	Registration/Housekeeping	
8.30 am	Live Surgery I:Laminoplasty Live Surgery II:ADR:Discover Arthroplasty	Wong Hee Kit Hee Hwan Tak
10.30 am	<i>Tea Break</i>	
10.45am	Live Surgery III: TBA	
12.00 nn	<i>Lunch</i>	
1.00 pm	<b>END OF COURSE</b>	

## LOCAL FACULTY

### UNIVERSITY SPINE CENTRE

**Professor Wong Hee Kit**

Chair, University Orthopaedics & HRM Cluster,  
National University Health System

Head, University Spine Centre, National University Hospital

**Dr Joseph Thambiah**

Chief & Senior Consultant,

Division of Trauma, National University Hospital

**Associate Professor Naresh Kumar**

Senior Consultant, National University Hospital

### NEUROSURGERY

**Associate Professor Yeo Tseng Tsai**

Senior Consultant, National University Hospital

### OTOLARYNGOLOGY HEAD & NECK SURGERY

**Associate Professor Loh Kwok Seng, Thomas**

Chief, Senior Consultant, National University Hospital

### OVERSEAS FACULTY

**Associate Prof Jin Sup Yeom, MD., PhD**

Chief of Cervical Spine Surgery

Department of Orthopaedic Surgery

Seoul National University

Bundang Hospital

Korea

### Honorary International Course Advisor

**Professor K. Daniel Riew**

Mildred B. Simon Distinguished Professor &

Chief, Cervical Spine Surgery

Washington University Orthopaedics

Professor, Neurological Surgery, WUSTL

### COURSE DIRECTOR

**Assistant Professor Gabriel Liu**

Consultant

University Spine Centre, National University Hospital

### CO-DIRECTOR

**Associate Professor Hee Hwan Tak**

Senior Consultant

University Spine Centre, National University Hospital

**For General Enquiries, please contact:**

The Secretariat

Ms S. Sarojeni

Department of Orthopaedic Surgery

National University Hospital

5 Lower Kent Ridge Road, Singapore 119074

Tel: (65) 6772 4342

Fax: (65) 6778 0720

## **COURSE OBJECTIVES**

To gain knowledge in current treatment of degenerative cervical spinal disease through hands-on cadaveric workshop and live surgery demonstration. Participants are requested to bring cases in Powerpoint Format for group discussion.

## **WHO SHOULD ATTEND**

Spine Surgeons who are interested in Degenerative Cervical Spinal Disease.

## **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: "Advanced Cervical Spine 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 10 October 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.

# **ADVANCED CERVICAL SPINE COURSE**

**25—27 October 2009**



## **VENUE**

**Advanced Surgical Training Centre  
National University Hospital  
Kent Ridge Wing 2, Level 2(south entrance)  
5 Lower Kent Ridge Road  
Singapore 119074**