



ASIA PACIFIC SPINE SOCIETY
32ND ANNUAL SCIENTIFIC MEETING



PHILIPPINE SPINE SOCIETY
31ST ANNUAL SCIENTIFIC MEETING

in cooperation with



CHONG HUA HOSPITAL

PRE-CONGRESS WORKSHOP

FUNDAMENTALS OF
UNIPORTAL & BIPORTAL
ENDOSCOPIC LUMBAR
SURGERY: A HANDS ON
WORKSHOP



CHONG HUA HOSPITAL, MANDAUE CEBU CITY
12TH FLOOR AUDITORIUM
8 AM - 5 PM, 03 JUNE 2026

PRE-CONGRESS WORKSHOP: A HANDS-ON WORKSHOP Fundamental of Uniportal and Biportal Endoscopic Lumbar Surgery

Chong Hua Hospital, Mandaue Cebu

12th Floor Auditorium

June 03, 2026 – 8am to 4pm

Event Goal

To demonstrate uniportal and biportal endoscopic techniques in the treatment of lumbar degenerative conditions

Target Audience and Number of Participants

Orthopedic and Neurosurgeons interested in spine endoscopy surgical techniques in treating lumbar degenerative conditions

Course Objectives

- Discuss the basic principles and indications of uniportal and biportal endoscopic spine surgery.
- Identify key anatomic landmarks and portal placements for lumbar endoscopy.
- Familiarize with the instruments, endoscopic system setup, and fluid management.
- Perform basic decompression and discectomy using lumbar models and swine specimens.
- Recognize potential complications and troubleshooting techniques.

Didactic Lectures on Portal Placement Endoscopic Laminotomy, Discectomy:

- Only two participants per station using : Realist Lumbar model (AM) Porcine Specimen (PM)
- One dedicated faculty per station to provide guidance and feedback
- Choose either Uniportal module or Biportal module

International Faculty:

- Adj Prof. Gabriel Liu
- Dr. Jacob Oh
- Dr. Jiang Lei
- Dr. David Mak
- Dr. Hee Hwee Yee Christian
- Dr. Chew Zhihong

National Faculty:

- Dr. Gian Karlo P. Dadufalza
- Dr. Buenaventura Alfredo B. Canto IV
- Dr. Roy Michael G. Domacena
- Dr. Christopher C. Balaba
- Dr. Oliver Y. Ong
- Dr. Jose Miguel T. Lumawig
- Dr. Mary Ruth A. Padua
- Dr. Jose Joefrey F. Arbatin Jr.

Program

07:30 – 08:00	Registration and Welcome Coffee
08:00 – 08:08	Opening Remarks (Dr. Richard V. Condor PSS Vice President & Vice Chairman, APSS-PSS Congress 2026)
08:09 – 08:15	Course Overview/House Rules (Dr. Jose Joefrey F. Arbatin, Jr. Course Director)
08:16 – 08:30	Lecture 1: Unilateral Biportal Endoscopic discectomy for Lumbar disc herniation (Adj Prof. Gabriel Liu)
08:31 – 08:46	Lecture 2: UBE for decompression in spinal stenosis (Dr. Jacob Oh)
08:46 – 09:01	Lecture 3: Emphasizing the dual challenge of Uniportal Endoscopy: Mastering the skill and patient selection (Dr. Christopher C. Balaba)
09:01 – 09:15	Lecture 4: Uniportal endoscopic surgery for extended indications and clinical outcomes (Dr. Jiang Lei)
09:16 – 09:20	Panel Discussion and Q&A/ Group Photo Moderator: Dr. Jose Joefrey F. Arbatin Jr.
09:20 – 09:40	Coffee Break [<i>Inova -10 mins airtime</i> <i>Brainlab - 5 mins airtime</i> <i>Taisho - 5 mins airtime</i>]

Hands-on Workshop (Realist Lumbar Model Session)

- 3 stations : Uniportal
- 5 stations : Biportal
- 2 participants/ 1 faculty / station / 1 hour per participant

9:40 – 10:00	Workshop Orientation <i>Demonstration of Instruments and Realist Models</i>
10:00 – 12:00	Hands-on Session 1: Basic UBE and Uniportal Technique Practice on Dummy Models <i>Portal placement, laminotomy, flavectomy, discectomy, and instrument familiarization (burr/RF)</i>
12:00 – 13:00	Lunch Symposium [AMGEN Endocare Riwo Vantage Variance]

Hands-on Workshop (Swine Session)

- 3 stations : Uniportal
- 5 stations : Biportal
- 1 hr 30 min /participant

13:15 – 16:15	Hands-on Session 2: Live Tissue Practice on Swine Models <i>Laminotomy Discectomy, Technique Refinement, and Basic Procedure Completion</i>
16:16 – 16:30	Debriefing and Workshop Wrap-up
16:31 – 16:45	Closing Remarks & Certificate Distribution to sponsors

Lecturers:

- Adj Prof. Gabriel Liu
- Dr. Jacob Oh
- Dr. Christopher C. Balaba

Uniportal Table Instructors

- Dr. Gian Karlo P. Dadufalza
- Dr. Buenaventura Alfredo B. Canto IV
- Dr. Jiang Lei
- Dr. Chew Zhihong

Biportal Table Instructors

- Dr. Oliver Y. Ong
- Dr. Jose Miguel T. Lumawig
- Dr. David Mak
- Dr. Heng Hwee Yee Christian
- Dr. Mary Ruth A. Padua
- Dr. Roy Michael G. Domacena

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