

SCOLIOSIS RESEARCH SOCIETY
Spine Deformity Solutions: A Hands-On Course
October 10-12, 2025 | Hong Kong, China
Hong Kong University Surgical Skills Centre

FINAL PROGRAM

MEETING OVERVIEW

Meeting Description

The Hands-On Course will provide an opportunity for participants to expand their knowledge and improve their skills through training and discussions with leading spinal deformity surgeons from around the world. Registration is limited to ensure that every participant can closely interact with faculty, small group interaction for better learning, and opportunities for hands-on work. Nine hours of the course will be devoted to lab work. Topics and lab sessions will cover all anatomic areas of the spine with focus on instrumentation and complex corrective procedures. There will be 4 half day modules including posterior cervical spine, plus an optional Saturday morning in depth cervical module (on a first come first come registration basis).

Learning Outcomes/Objectives

As a result of participating in this activity, participants should be able to:

- Identify appropriate options for cervical and adult deformity reconstruction
- Employ techniques to avoid complications in spinal deformity surgery
- Develop skills in complex cervical deformity correction
- Identify the appropriate indications for the use of spinopelvic instrumentation
- Demonstrate skills for the correct placement of spinopelvic instrumentation
- Integrate techniques for posterior and anterior lumbo-sacral deformity corrections
- Demonstrate knowledge and skills for performing basic and complex spinal osteotomies

Course Overview

Pre-Recorded Lectures (SRS BrightSpace system)

- Fixation of Thoracic, Lumbar, Sacrum, and Pelvis (Hooks, Pedicle Screws, Iliac Screws, and S2Ala-Ilium Screws Fixation)
- How to Reduce Complication Rates: PJK and Revision Surgery
- How to Reduce Complication Rates: Pseudo and Revision surgery
- Osteotomies, three column osteotomy, Ponte, smith-peterson-osteotomy: Indications and Technique
- Pelvic fixation
- Occipital and Cervical Fixation with Cervical Pedicle Screws and Lateral Mass Screws
- Principles and Treatment of Cervical Deformity and Cervical Alignment

Course Chair

Kenny Kwan, BMBCh(Oxon), FRCSEd
Hong Kong

Course Faculty

Patrick Cahill, MD
Philadelphia, United States

Dong-Gune Chang, MD, PhD
Seoul, Korea

Jason Cheung, MBBS, MMedSc, MS, MD
Hong Kong

Kenneth MC Cheung, MD
Hong Kong

MK Kwan, MDDS, MS Ort
Kuala Lumpur, Malaysia

Dip Kei Luk
Hong Kong

Yong Qiu, MD
NanJing, People's Republic of China

Monchai Ruangchainikom, MD
Bangkok, Thailand

Reuben Soh, BBS, MMedOrth, FRCS
Singapore

Kota Watanabe, MD, PhD
Tokyo, Japan

Yat Wa Wong, MD
Hong Kong

Chung Chek Wong, MD
Kuala Lumpur, Malaysia

Hee Kit Wong, MD
Singapore

Jianguo Terry Zhang, MD, PhD
Beijing, People's Republic of China

GENERAL MEETING INFORMATION

Target Audience

Residents, fellows and orthopaedic and neurosurgeons who have an interest in and are involved in spinal deformity management and treatment.

Language

English is the official language of the course, and all presentations and course materials will be provided in English.

Attire

Business casual attire is appropriate for the Fireside Chats. Casual attire and scrubs are appropriate for the lecture and lab sessions. Disposables, and lead aprons will be provided at the lab. ***Scrubs and thyroid protection will not be provided at the lab. Participants will need to provide their own scrubs and thyroid shields if they need or want them.***

Special Needs

If you have health issues for which you may require special accommodations, please notify the SRS staff onsite. We will make every effort to accommodate any special needs.

FDA Statement (United States)

Some drugs and medical devices demonstrated during this course have limited FDA labeling and marketing clearance. It is the responsibility of the physician to be aware of drug or device FDA labeling and marketing status.

Insurance/Liabilities and Disclaimer

SRS will not be held liable for personal injuries or for loss or damage to property incurred by participants. Course participants are encouraged to take out insurance to cover loss incurred in the event of cancellation, medical expenses or damage to or loss of personal effects when traveling outside of their own countries. SRS cannot be held liable for any hindrance or disruption of course proceedings arising from natural, political, social or economic events or other unforeseen incidents beyond its control. Registration of a participant or guest implies acceptance of this condition.

The materials presented at this activity are made available for educational purposes only. The material is not intended to represent the only, nor necessarily best methods or procedures appropriate for the medical situations discussed, but rather is intended to present an approach, view, statement or opinion of the faculty that may be helpful to others who face similar situations.

SRS disclaims any and all liability for injury or other damages resulting to any individual attending a scientific meeting and for all claims that may arise out of the use of techniques demonstrated therein by such individuals, whether these claims shall be asserted by a physician or any other person.

LOCATION INFORMATION | Hong Kong University Surgical Skills Centre

Friday, October 10 | Registration, Welcome Reception and Fireside Chat Case Discussions

Le Meridien Cyberport

100 Cyberport Road, Hong Kong
Hong Kong

[Directions by Car](#)

[Directions by Public Transit](#)

Saturday, October 11 and Sunday, October 12 | Lecture Sessions and Practical Exercises

Surgical Skills Centre

Laboratory Block, Faculty of Medicine
21 Sassoon Road, Pokfulam
Hong Kong

[Directions by Car](#)

[Directions by Public Transit](#)

MEETING ROOMS

Le Meridien Cyberport

ROOM	FUNCTION
Sunset Salon, L4	Registration & Welcome Reception
Sunset, L4	Fireside Chat Room 1
Ocean, L13	Fireside Chat Room 2

Surgical Skills Centre

FUNCTION	ROOM
Lecture Room	SR1 (G/F, Room LG-S1, Laboratory Block, Faculty of Medicine Building)
Refreshment Breaks	Outside SR 1-3 (G/F, Laboratory Block, Faculty of Medicine Building)
Lunch Breaks	SR2, 3 and Exhibition Area (G/F, Room LG-S2, S3 & EXH, Laboratory Block, Faculty of Medicine Building)
Exhibit Space	SR2, 3 and Exhibition Area (G/F, Room LG-S2, S3 & EXH, Laboratory Block, Faculty of Medicine Building)
Lab Space	Surgical Skill Centre 10/F, Laboratory Block, Faculty of Medicine Building
Dressing Room	<ul style="list-style-type: none">• NO Lockers – Bathrooms next to Elevators, G/F, Laboratory Block, Faculty of Medicine Building• WITH Lockers - in Surgical Skills Centre, 10/F, Laboratory Block, Faculty of Medicine Building)

LeMeridian Cyberport

17:00-17:30**Faculty Pre-Course Meeting**

Room: Sunset, L4

17:30-18:30**Welcome Reception & Participant Registration**

Room: Sunset Salon, L4

After check-in, attendees can mingle with faculty and attendees while enjoying the beverages and heavy hors d'oeuvres being served. Concluding the welcome reception, participants will be directed to their designated fireside chat rooms for small group case discussions.

Dress code: informal/casual civilian clothes

18:30-20:30**Fireside Chat Case Discussions: Pediatric & Adult Spine Deformity (2 Concurrent Sessions)**

Theme: Radiographic Evaluation and Planning for Correction of Spinal Deformity

18:30-20:30 Case discussions Pediatric & Adult Spine Deformity**Group 1: Sunset, L4**

Moderator: Kenneth MC Cheung, MD

Case Presenter: Patrick Cahill, MD, Hee Kit Wong, MD, Dong-Gune Chang, MD, PhD

Group 2: Ocean, L13

Moderator: Jason Cheung, MBBS, MMedSc, MS, MD

Case Presenter: Reuben Soh, BBS, MMedOrth, FRCS, Kota Watanabe, MD, PhD, Yong Qiu, MD

Hong Kong University Surgical Skills Centre

7:30

Faculty Shuttle to Hong Kong University

7:30-8:00

Changing Rooms Available (change from civilian clothes to surgical scrubs)

NO Lockers – Bathrooms next to Elevators, G/F, Laboratory Block, Faculty of Medicine Building

WITH Lockers - in Surgical Skills Centre, 10/F, Laboratory Block, Faculty of Medicine Building)

7:30-8:00

Welcome and Coffee | Outside SR 1-3 (G/F, Laboratory Block, Faculty of Medicine Building)

8:00-8:45

Session 1: Thoracolumbar Open Posterior Techniques | SR1 (G/F, Room LG-S1, Laboratory Block, Faculty of Medicine Building)

Moderator: Dong-Gune Chang, MD, PhD

8:00-8:10

Course Welcome, explanation of course program, & Introduction of the Team

Kenny Kwan, BMBCh(Oxon), FRCSEd

8:10-8:20

Sacropelvic Fixation Techniques

MK Kwan, MDDS, MS Ort

8:20-8:30

Direct Lateral (Trans Psoas) and Oblique Lateral Approach to the Lumbar Spine-Degenerative Condition

Jason Cheung, MBBS, MMedSc, MS, MD

8:30-8:40

Discussion

8:40-8:45

Introduction to the practical exercise 1

Kenny Kwan, BMBCh(Oxon), FRCSEd

8:45-9:00

Proceed to lab and dress into disposable surgical gowns

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WITH Lockers - in Surgical Skills Centre, 10/F, Laboratory Block, Faculty of Medicine Building)

9:00 – 10:30

Practical Exercise 1A-B, Rotation 1 | 10/F Surgical Skills Centre

Stations 1-5 - Cadavers 1-5 in lateral decubitus position, left side up

Station 1-5 XLIF left sided approach L1-2-3 plus image intensifier

Stations 6-10 - Cadavers 6-10 prone position - posterior Th10—sacrum exposure and placing anchors, no image intensifier

10:30 – 10:45

Refreshment Break | Outside SR 1-3

Lab staff to reposition the cadavers (30 minutes)

10:45 – 11:00**Group Photo & Intro to SRS**

Lab staff to reposition the cadavers (30 minutes)

SR1 (G/F, Room LG-S1, Laboratory Block, Faculty of Medicine Building)

10:45-10:50 Group Photo**10:50-11:00 Introduction to SRS & How to become a Member***Kenny Kwan, BMBCh(Oxon), FRCSEd***11:00-11:05****Proceed to lab****11:05 – 12:45****Practical Exercise 1A-B, Rotation 2 | 10/F Surgical Skills Centre***Stations 1-5, with image intensifier - Cadavers 6-10 in lateral decubitus position, left side up**Station 6-10: XLIF left sided approach L1-2-3, plus image intensifier**Stations 6-10 - Cadavers 1-5 prone position - posterior Th10—sacrum exposure and placing anchors***12:45 – 13:30****Lunch & Exhibit Viewing**

SR2, 3 and Exhibition Area (G/F, Room LG-S2, S3 & EXH, Laboratory Block, Faculty of Medicine Building)

13:30- 14:05**Session 2: Osteotomies | SR1 (G/F, Room LG-S1, Laboratory Block, Faculty of Medicine Building)***Moderator: Monchai Ruangchainikom, MD***13:30-13:40 Pedicle Subtraction Osteotomy (PSO)***Chung Chek Wong, MD***13:40-13:50 Vertebral Column Resection (VCR)***Yong Qiu, MD***13:50-14:00 Discussion****14:00-14:05 Introduction to the practical exercise 2***Kenny Kwan, BMBCh(Oxon), FRCSEd***14:05-14:15****Proceed to Lab****14:15-16:45****Practical Exercise 2: Posterior Spinal Osteotomies (All Cadavers Prone Position) | 10/F Surgical Skills Centre***Stations 1-10 - Posterior Column Osteotomies, Ponte multiple levels between L1-L5, Smith-Peterson Osteotomy (SPO), Pedicle Subtraction Osteotomy (PSO) in the Lumbar Spine (at L3), Vertebral Column Resection (VCR) of the Thoracic Spine (at T9). Participants share left/right side.*

PROGRAM

SATURDAY, OCTOBER 11, 2025

Hong Kong University Surgical Skills Centre

16:00-16:45

Beverage Available in Lounge | Outside SR 1-3

16:45

Change Clothes |

(Lab staff to turn cadavers to supine position)

NO Lockers – Bathrooms next to Elevators, G/F, Laboratory Block, Faculty of Medicine Building

WITH Lockers - in Surgical Skills Centre, 10/F, Laboratory Block, Faculty of Medicine Building

16:50

Faculty Shuttle Provided to Hotel

19:00-21:00

Faculty and Industry Dinner (by invitation only).

Participant free night out.

7:30**Faculty Shuttle to Lab****7:30-8:00****Changing Rooms Available (change from civilian clothes to surgical scrubs)**

NO Lockers – Bathrooms next to Elevators, G/F, Laboratory Block, Faculty of Medicine Building

WITH Lockers - in Surgical Skills Centre, 10/F, Laboratory Block, Faculty of Medicine Building)

7:30-8:00**Welcome and Coffee | Outside SR 1-3 (G/F, Laboratory Block, Faculty of Medicine Building)****8:00-8:40****Session 3: Early Onset Scoliosis | SR1 (G/F, Room LG-S1, Laboratory Block, Faculty of Medicine Building)***Moderator: Reuben Soh, BBS, MMedOrth, FRCS***8:00-8:10 Hemivertebra and other congenital deformities***Jianguo Terry Zhang, MD, PhD***8:10-8:20 Pulmonary function and complications in Early Onset Scoliosis***Patrick Cahill, MD***8:20-8:30 Discussion****8:30-8:40 Introduction to the practical exercise 3***Kenny Kwan, BMBCh(Oxon), FRCSEd***8:40-8:50****Proceed to lab and dress into disposable surgical gowns**

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WITH Lockers - in Surgical Skills Centre, 10/F, Laboratory Block, Faculty of Medicine Building)

8:50- 10:45**Practical Exercise 3A: Anterior Approaches to the Cervical Spine and Cervicothoracic Junction (All Cadavers Supine Position) | 10/F Surgical Skills Centre***Stations 1-10 | Route 103*

Interbody Fusion and Corpectomy, Sternotomy, and Approach to Upper Thoracic Spine

10:45- 11:05**Refreshment Break in Lounge | Outside SR 1-3****(Lab staff to turn cadavers to prone position)****11:05-12:50****Practical Exercise 3B: Posterior Cervical Reconstruction from Occipital to T2 (All Cadavers Prone Position) | 10/F Surgical Skills Centre***Stations 1-10*

Posterior Instrumentation: Occipital Plate, C3-7 lateral mass screws, Laminectomy, Laminoplasty, C3-C7 Pedicle Screws. Open Anatomy Based.

Hong Kong University Surgical Skills Centre

12:50-13:40**Lunch & Exhibit Viewing**

SR2, 3 and Exhibition Area (G/F, Room LG-S2, S3 & EXH, Laboratory Block, Faculty of Medicine Building)

13:40-16:00**Practical Exercise 4: Anterior Thoracolumbar Approaches (Cadavers Lateral Decubitus Position, Left Side Up. Then for Second Part, Turn to Supine Position) | 10/F Surgical Skills Centre**

Lab Room A (Stations 1-5); Lab Room B (Stations 6-10)

Part 1. Anterior Thoracic Transpleural Approach (Mid-Thoracic). Cadavers in lateral decubitus position, left side up
Cadavers to be repositioned by participants

Part 2. Anterior Lumbosacral Retroperitoneal Approach + ALIF L5-S1 & Exposure L4-L5. Cadavers supine

16:00 – 16:40**Session 4: Anterior and Lateral Approach: Thoracic and Lumbar Spine | SR1 (G/F, Room LG-S1, Laboratory Block, Faculty of Medicine Building)**

Moderator: Kenny Kwan, BMBCh(Oxon), FRCSEd

16:00-16:10 **Anterior Spinal Surgery for Thoracic and Thoracolumbar Scoliosis**
Dip Kei Luk

16:10-16:20 **Anterior approach to L4/5 and L5/S1**
Yat Wa Wong, MD

16:20-16:30 **Complications of Anterior Surgery**
Kenneth MC Cheung, MD

16:30-16:40 **Discussion**

16:40-17:00**Open Question & Answer Wrap-up Session | SR1 (G/F, Room LG-S1, Laboratory Block, Faculty of Medicine Building)****17:00****Change Clothes and Adjourn**

NO Lockers – Bathrooms next to Elevators, G/F, Laboratory Block, Faculty of Medicine Building

WITH Lockers - in Surgical Skills Centre, 10/F, Laboratory Block, Faculty of Medicine Building)

17:05

Faculty Shuttle Provided to Hotel

CORPORATE SUPPORT

We are pleased to acknowledge and thank the companies that provided financial and in-kind support to SRS for this Hands-On Course. These companies provided educational grants to support costs for facility rental, cadavers, and other course expenses as well as necessary instrumentation and implants for the hands-on lab sessions.

Hicren / MIGDA
Johnson & Johnson MedTech
Globus Medical, Inc.
Medtronic
Swedish Trading Company
WeGo

FUTURE SRS MEETINGS

Asia Pacific Meeting

February 6-7, 2026 – Fukuoka, Japan

33rd IMAST

April 15-17, 2026 – Toronto, ON, Canada

Spine Deformity Solutions: A Hands-On Course

June 10-12, 2026 – Brno, Czechia

61st Annual Meeting

October 11-14, 2026 – Sydney, Australia

Spine Deformity Solutions: A Hands-On Course

July 31- August 2, 2026 – São Paulo, Brazil

Scoliosis Research Society

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