Spine Deformity Solutions: A Hands-On Course

From the Scoliosis Research Society

October 22-24, 2015 • Istanbul, Turkey

Acibadem Unversity Centre for Advanced Simulation Education (CASE)

Final Program

Thursday, October 22, 2015
(At Istanbul Marriott Hotel Asia)
Registration and reception at 7:30 pm with Fireside Chats to follow

Friday, October 23 and Saturday, October 24, 2015
Acibadem University Centre for Advanced Simulation Education (CASE)
Kerem Aydınlar Kampüsü, İçerenköy Mah. Kayışdağı Cad. No:32 Ataşehir, Istanbul, Turkey

Program Times:

Thursday, 7:30pm-9:00pm
Friday, 7:30am-6:00pm
Saturday, 7:30am-12:00pm

Course Chairs

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Munish C. Gupta, MD
Washington University, St. Louis, MO, USA

Faculty

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Juan S. Uribe, MD
USF Physician's Group Tampa General Hospital, Tampa, FL, USA
Muharrem Yazici, MD
Hacettepe University, Ankara, Turkey

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 will be limited to ensure access to faculty, small group interaction for better learning, and opportunities for hands-on work. Ten hours of the course will be devoted to lab work. Topics and lab sessions will cover all areas of the spine and a variety of conditions and techniques.

Learning 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
- Demonstration skills for the correct placement of spinopelvic instrumentation
- Compare and contrast open and less invasive treatment options for thoracolumbar spinal deformity
- Integrate techniques for posterior and anterior lumbo-sacral deformity corrections
- Demonstrate knowledge and skills for performing basic and complex spinal osteotomies

Target Audience

Spine surgeons (orthopaedic and neurological surgeons), residents and fellows.

Disclosure of Conflict of Interest

It is the policy of SRS to insure balance, independence, objectivity and scientific rigor in all of their educational activities. In accordance with this policy, SRS identifies conflicts of interest with instructors, content managers and other individuals who are in a position to control the content of an activity. Conflicts are resolved by SRS to ensure that all scientific research referred to, reported, or used in a CME activity conforms to the generally accepted standards of experimental design, data collection and analysis.

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.

Language
Presentations and course materials will be provided in English.

No Smoking Policy
Acibadem University Centre for Advanced Simulation Education (CASE) and Istanbul Marriott Hotel Asia are smoke free facilities. Smoking is not allowed in either building at any time.

Attire
Casual attire and scrubs are appropriate for the course. Scrubs will be provided at the lab.

FINAL PROGRAM

Thursday, October 22 - M

7:30pm	**Registration and Welcome Reception**
8:00pm	**Fireside Chats**
	Room 1: **Adult Spinal Deformity Reconstruction**
	D. Clements
	Faculty in attendance: F. Pellise, J. Dimar, B. Dahl
	Room 2: **Cervical Deformity Reconstruction**

C .Ames – C. Shaffrey

Faculty in attendance: A. Hamzaoglu

Room 3**: Pediatric Spinal Deformity**

L. Lenke –M Yazici –M. Enercan

Faculty in attendance: I. Obeid, J. Uribe

9:00pm Adjourn

Friday, October 23

7:30am Shuttle Leaves Marriott for Lab

8:00am **Welcome** *Munish Gupta and A. Alanay*

Session 1: Thoracolumbar Posterior Open and Minimally Invasive Techniques

8:05am **Open Posterior Thoracic Techniques Including Osteotomies and Vertebral Column Resection Techniques**

L. Lenke

8:17am Discussion

8:20am **Minimally Invasive Techniques Optimal Posterior Placement of Thoracolumbar Pedicle Screws in Deformity Correction**

J. Uribe

8:32am Discussion

8:35am **Video Demonstrations and Discussion of Posterior Open and MAS Techniques**

J. Dimar

9:05am Proceed to Lab

9:15am <u>Cadaveric Lab – Rotation #1</u>

- Group 1: **MIS lumbar TLIF and Percutaneous Pedicle Screws T12-S1**

- Group 2: **Open Pedicle Subtraction Osteotomy L3 and VCR Technique T2-T12**

10:45am Cadaveric Lab – Rotation #2

- Group 1: **Open Pedicle Subtraction Osteotomy L3 and VCR Technique T2-T12**

- Group 2: **MIS lumbar TLIF and Percutaneous Pedicle Screws T12-S1**

12:15pm Lunch

Session 2: Lumbo-Sacral Techniques: Posterior Open & Anterior Minimally Invasive

1:00pm **Open Lumbar PSO Technique**

M. Gupta

1:12pm Discussion

1:15pm **Open Pelvic Fixation Techniques**

Ahmet Alanay

1:27pm Discussion

1:30pm **Far Lateral Interbody Approaches for Deformity**

A. Hamzaoğlu

1:42pm Discussion

1:45pm **Video Demonstrations and Discussion of Open and MIS Lumbo-Sacral Techniques**

Juan Uribe

2:15pm Proceed to Lab

2:30pm Cadaveric Lab – Rotation # 1

- Group 1: **Open Lumbo-Sacral Techniques, Including: L3 PSO, Sacro-Iliac Fixation**

- Group 2: **Far Lateral Interbody Technique**

4:30pm Cadaveric Lab – Rotation # 2

- Group 1: **Far Lateral Interbody Technique**

- Group 2: **Open Lumbo-Sacral Techniques, Including: L3 PSO, Sacro-Iliac Fixation**

6:30pm Adjourn

Saturday, October 24

7:30am Shuttle Leave Marriott for Lab

8:00am **Welcome** Ahmet Alanay and Munish Gupta

Session 3: Posterior Occipito-Cervical-Thoracic Techniques

8:05am **Posterior Occipito-Cervical-Thoracic Fixation Techniques**

I. Obeid

8:17am Discussion

8:20am **Posterior Cervical Complications: Avoidance and Management**

C. Shaffrey

8:35am **Advanced Cervical Deformity Reconstruction Techniques**

Chris Ames

8:47am Discussion

8:50am **Video Demonstrations and Discussion Posterior Occipito-Cervical-Thoracic Techniques**

Chris Ames

9:20am Proceed to Lab

9:30am Cadaveric Lab

Complex Cervical Deformity Correction Occipital-C1-2 , Cervical PSO and high thoracic fixation

12:00pm Adjourn- Boxed Lunches

Corporate Supporters

We are pleased to acknowledge and thank those 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.

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