

# Advanced Techniques in Complex Thoracolumbar Spine Surgery

**Cadaver-Based Educational Program**

**March 25th | Chicago, IL**



 **NASS**<sup>®</sup>

Specialty Education  
& Research Center

**Course Chair | Safdar N. Khan, MD**

Sponsored by

 **AMENDIA**<sup>®</sup>  
creating balanced solutions

## COURSE OVERVIEW

This one-day training event, led by industry-renowned spine surgeons, will provide a forum for interactive lecture, case discussion and hands-on cadaver training.

The content of the meeting will be centered on correction and stabilization of deformity, trauma and oncologic indications of the thoracolumbar spine.

## COURSE CHAIR



### Safdar N. Khan, MD

The Benjamin R. and Helen Slack Wiltberger Endowed Chair in Orthopaedic Spine Surgery  
Associate Professor of Orthopaedics and Chief of the Division of Spine in the Department of Orthopaedic Surgery

The Ohio State University, Wexner Medical Center, Columbus, OH

#### Education

DM: Aga Khan University Medical College

Residency: University of California, Davis Medical Center

Fellowship: Rush-St. Luke's Presbyterian Medical Center and Shriners' Hospital for Children

## INVITED FACULTY

### Kris B. Siemionow, MD

Board-Certified, American Board of Orthopaedic Surgery  
Chief of Spine Surgery and Assistant Professor of Orthopaedics and Neurosurgery, University of Illinois  
Co-Founder, Global Spine Outreach, Chicago IL

#### Education

DM: Karol Marcinkowski University

Residency: Cleveland Clinic Foundation,

Fellowship: Shriners Hospital for Children and Rush Medical Center

### Ankit I. Mehta, MD

Assistant Professor of Neurosurgery - Tenure Track  
Associate Program Director, Neurosurgical Residency Program

Director of Spinal Oncology

Adjunct Professor of Orthopedic Surgery

Adjunct Professor of Chemical Engineering

University of Illinois at Chicago, Chicago, IL

#### Education

MD: Harvard School of Medicine & Massachusetts Institute of Technology

Residency: Duke University School of Medicine

Fellowship: The Johns Hopkins Hospital

### Hewatt M. Sims, MD

Board-Certified Orthopaedic Surgeon  
OptimHealth Orthopedics Group, Tifton, GA

#### Education

MD: Mercer University School of Medicine

Residency: Medical College of Georgia

Fellowship: Denver Spine Education and Research Institute

## TARGET AUDIENCE

The content of this course, while complex, will be catered to the early-career fellowship-trained spine surgeons.

### Nader S. Dahdaleh, MD

Neurosurgeon

Assistant Professor, Neurological Surgery

Northwestern Medicine Spine Center, Chicago, IL

#### Education

DM: American University of Beirut Hospital

Residency: University of Iowa Hospitals

Fellowship: University of Iowa Hospitals

and Northwestern University, Feinberg

School of Medicine

### Ashish K. Sahai, MD, FAAOS

Board-Certified Orthopaedic Surgeon

Surgeon & Founder, Spine & Orthopaedic Center,

Boca Raton, FL

#### Education

MD: University of Iowa College of Medicine

Residency: Tufts University Orthopaedic Surgery

Fellowship: Stanford University

### Max C. Lee, MD

Board-Certified, Neurological Surgery, American Board of Neurological Surgery

Milwaukee Neurological Institute, Milwaukee, WI

#### Education

MD: University of Illinois College of Medicine at Chicago

Residency: University of Chicago Hospitals

Fellowship: Stanford University Hospital

# PROGRAM HIGHLIGHTS

## PROGRAM HIGHLIGHTS\*

- Surgical Approaches to the Thoracolumbar Spine: Posterior, Anterior & Lateral
- Osteotomy Techniques for Posterior-Based Correction of the Thoracolumbar Spine: SPO/Ponte/PSO/VCR
- Indications and Techniques for Sacral/Pelvic Fixation
- Topics in Practice: Post Traumatic Reconstruction of the Thoracolumbar Spine
- Topics in Practice: Separation Surgery for Metastatic Tumors of the Thoracolumbar Spine
- Biologics and Spinal Deformity--Approach to Bone Graft Choices
- Role of Navigation/Robotics in Thoracolumbar Spine Surgery
- Indications and Techniques for Spondylolisthesis Reduction
- Minimizing Complications in Adult Deformity Surgery
- Obtaining Sagittal Balance in Proximal Junction Kyphosis
- Using LLIF and Percutaneous Fixations for Deformity Correction

*\*subject to modification*

## ADVANCED TECHNIQUES IN COMPLEX THORACOLUMBAR SPINE SURGERY

### *Cadaver-Based Educational Program*

March 25, 2017 | Chicago, IL

## BIOSKILLS LAB

NASS Specialty Education & Research Center  
7075 Veterans Boulevard, Burr Ridge, IL 60527

## REGISTRATION

Please visit [www.amendia.com/registration](http://www.amendia.com/registration) for course registration.

## WELCOME RECEPTION

A welcome reception will be held on Friday, March 24th from 7:00pm - 9:00pm. Location TBD.

## ACCOMMODATIONS

Hotel information TBD.





# AGENDA

## PRELIMINARY AGENDA\*

### FRIDAY, MARCH 24, 2017

7:00 pm – 9:00 pm Welcome Dinner & Reception (\*location TBD)

### SATURDAY, MARCH 25, 2017

6:45-7:00 am Meet in Hotel Lobby/Board Shuttle

7:00 am Depart Hotel for Lab

7:15-7:45 am Arrival/Breakfast

7:45-8:00 am Welcome & Introductions

8:00-10:00 am	Interactive Lectures & Case Discussions	Presenter
	<ul style="list-style-type: none"><li>Evaluation, Classification and Management of Thoracolumbar Deformity</li></ul>	Safdar N. Khan, MD
	<ul style="list-style-type: none"><li>Surgical Approaches to the Thoracolumbar Spine: Posterior, Anterior &amp; Lateral</li></ul>	Ashish K. Sahai, MD
	<ul style="list-style-type: none"><li>Osteotomy Techniques for Posterior-Based Correction of the Thoracolumbar Spine: SPO/Ponte/PSO/VCR</li></ul>	Safdar N. Khan, MD
	<ul style="list-style-type: none"><li>Indications and Techniques for Sacral/Pelvic Fixation</li></ul>	Ashish K. Sahai, MD
	<ul style="list-style-type: none"><li>Topics in Practice: Post Traumatic Reconstruction of the Thoracolumbar Spine</li></ul>	Nader S. Dahdaleh, MD
	<ul style="list-style-type: none"><li>Topics in Practice: Separation Surgery for Metastatic Tumors of the Thoracolumbar Spine</li></ul>	Ankit I. Mehta, MD

10:00-10:05 am Hands-On Skills Lab Overview

10:05-10:15 am Break/Change/Move to Lab

10:15 am-12:15 pm Hands-On Skills Lab Session 1

- Osteotomy Techniques for Posterior-Based Correction of the Thoracolumbar Spine: SPO/Ponte/PSO/VCR
- Sacral/Pelvic Fixation

12:15-12:30 pm Transition from Lab to Auditorium (Lunch Served)

12:30-2:10 pm	Working Lunch – Interactive Lectures & Case Discussions	Presenter
	<ul style="list-style-type: none"><li>Global Spine Outreach</li></ul>	Anthony Rinella, MD
	<ul style="list-style-type: none"><li>Biologics &amp; Spinal Deformity – Approach to Bone Graft Choices</li></ul>	Safdar N. Khan, MD
	<ul style="list-style-type: none"><li>Role of Navigation/Robotics in Thoracolumbar Spine Surgery</li></ul>	Kris B. Siemionow, MD
	<ul style="list-style-type: none"><li>Indications and Techniques for Spondylolisthesis Reduction</li></ul>	Hewatt M. Sims, MD
	<ul style="list-style-type: none"><li>Minimizing Complications in Adult Deformity Surgery</li></ul>	Nader S. Dahdaleh, MD
	<ul style="list-style-type: none"><li>Obtaining Sagittal Balance in Proximal Junction Kyphosis</li></ul>	Ankit I. Mehta, MD
	<ul style="list-style-type: none"><li>Using LLIF and Percutaneous Fixations for Deformity Correction</li></ul>	Kris B. Siemionow, MD

2:10-2:15 pm Hands-On Skills Lab Overview

2:15-2:25 pm Break/Move to Lab

2:25-4:25 pm Hands-On Skills Lab Session 2

- Lateral Lumbar Interbody Fusion
- Posterior Lumbar Interbody Fusion/Transforaminal Lumbar Interbody Fusion

4:30 pm Course Adjourned

*\*subject to modification*