

NOVEMBER
3-4

2017

3RD ANNUAL

International Spinal Deformity Symposium

SWISSÔTEL | CHICAGO, IL



- + A Case-based Course Tackling Current Challenges, Research, and Outcomes
- + Internationally Renowned Faculty
- + Practical Take-Home Points from Each Session



JOINTLY PROVIDED BY



BROADWATER_{LLC}

COURSE CHAIRMEN

Lawrence G. Lenke, MD Christopher I. Shaffrey, MD

Take a look at our program!
We've structured each comprehensive session to include:

- Review of the condition
- Analysis and decision-making
- Step-by-step surgical treatment
- Post-op outcomes and complications
- Tips and Pearls

Informed by the relevant research from some of the best minds in deformity surgery, you'll be better prepared for each case that comes your way!

Larry Lenke, MD
Chris Shaffrey, MD

"The best and most informative spine meeting I've been to in 25 years!"

—Past Attendee



CHAIRMEN

Lawrence G. Lenke, MD
 The Spine Hospital
 New York, NY

Christopher I. Shaffrey, MD
 University of Virginia
 Charlottesville, VA

INTERNATIONAL GUESTS

Yong Qiu, MD
 NanJing University
 Medical School
 NanJing, China

Pierre Roussouly, MD
 Centre Médico-Chirurgical
 des Massues
 Lyon, France

KEYNOTE SPEAKER

John P. Kostuik, MD,
FRCS(c)
 Leesburg, VA

DISTINGUISHED FACULTY

Howard S. An, MD
 Midwest Orthopaedics at Rush
 Chicago, IL

Sigurd Berven, MD
 UCSF Spine Center
 San Francisco, CA

R. Shay Bess, MD
 Denver International
 Spine Center
 Presbyterian St. Luke's
 Rocky Mountain Hospital
 for Children
 Denver, CO

Christopher J. DeWald, MD
 Midwest Orthopaedics at Rush
 Chicago, IL

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 University of Louisville
 School of Medicine
 Louisville, KY

Purnendu Gupta, MD
 Shriners Hospitals for Children
 Chicago, IL

Kim Hammerberg, MD
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 M & M Orthopaedics
 Elmhurst, IL

Khaled M. Kebaish, MBBCh, MS
 Johns Hopkins Medicine
 Baltimore, MD

Michael Kelly, MD
 Washington University
 School of Medicine
 St. Louis, MO

Han Jo Kim, MD
 Hospital for Special Surgery
 New York, NY

Tyler Koski, MD
 Northwestern University
 Chicago, IL

Ronald A. Lehman, MD
 The Spine Hospital
 New York, NY

Stephen J. Lewis, MD
 Toronto Western Hospital
 Toronto, ON Canada

Steven Mardjetko, MD
 Illinois Bone and Joint Institute
 Morton Grove, IL

David W. Polly, MD
 University of Minnesota
 Minneapolis, MN

Daniel M. Sciubba, MD
 Johns Hopkins Medicine
 Baltimore, MD

Justin S. Smith, MD, PhD
 University of Virginia
 Charlottesville, VA

Vincent C. Traynelis, MD
 Rush University
 Chicago, IL

Juan S. Uribe, MD
 University of South Florida
 Tampa, FL

Faculty Subject to Change

Program

FRIDAY, November 3, 2017

7:00 AM	Registration and Breakfast
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Session 1: Adult Idiopathic Scoliosis—Long Standing DM Curve with Degen to L5—When Can We Stop at L4 vs. L5 vs. Instrumenting/Fusing to Sacrum?

7:30	Welcome
7:36	Introduction to Problem and Recent Literature Review
7:46	Analysis and Decision-making Based on Clinical and Radiographic Presentation
	Step-by-step Surgical Treatment:
8:06	• MIS Lateral and Posterior Percutaneous
8:16	• Posterior with TLIFs and Robotic Assistance
8:26	• Open Posterior with TLIFs
8:46	Post-op Considerations, Complications, Return to Normal Function, and Outcomes
8:56	Tips and Pearls
9:06	Case Discussion
9:35	Refreshment Break

Session 2: Aging Spine—Post-Traumatic Kyphosis with and without Neurologic Deficit—When and How to Fix? Any Role for MIS Treatment?

10:05	Introduction to Problem and Recent Literature Review
10:15	Analysis and Decision-making Based on Clinical and Radiographic Presentation
	Step-by-step Surgical Treatment:
10:35	• PSF with PCOs with or without Vertebroplasty
10:42	• MIS ASF/PSF
10:49	• PSF with VCR

11:05	Post-op Considerations, Complications, Return to Normal Function, and Outcomes
11:15	Tips and Pearls
11:25	Case Discussion
11:50	Keynote Lecture: When the Long Instrumentation in Degenerative Lumbar Scoliosis Can Be Reliably Stopped at L5 Yong Qiu, MD
12:25 PM	Lunch with Non-CME Workshops

Session 3: Scheuermann's Kyphosis—Getting It “Perfect” All the Time!

1:25	Introduction to Problem and Recent Literature Review
1:35	Analysis and Decision-making Based on Clinical and Radiographic Presentation
	Step-by-step Surgical Treatment:
1:51	• PSF of a 75° Scheuermann's Kyphosis
2:01	• PSF of a 100° Scheuermann's Kyphosis
2:11	• Revision of a Scheuermann's Kyphosis with Residual Stiff Kyphosis, Pseudos and PJK—Use of VCR for Realignment?
2:31	Post-op Considerations, Complications, Return to Normal Function, and Outcomes
2:41	Tips and Pearls
2:51	Case Discussion
3:20	Refreshment Break

Session 4: Special Session

3:45	Keynote Lecture: Pierre Roussouly, MD
4:15	Keynote Lecture: John Kostuik, MD, FRCS(c)
4:45	Adjourn

SATURDAY, November 4, 2017

7:00 AM	Breakfast
7:30	Break-out Case Discussions <i>Moderators: Drs. Lenke, Polly, & Shaffrey</i>

Session 5: Primary and Revision Sagittal Malalignment—Pre-op Analysis, Intra-op Execution and Documentation, and Post-op Considerations

8:30	Introduction to Problem and Recent Literature Review
8:40	Update on Assessment of Normal Sagittal Spinal Alignment
8:50	Decision-making in the Surgical Approach to Optimize Sagittal Alignment
	Step-by-step Surgical Treatment:
9:10	• ALIF/Posterior Open Approach
9:20	• Open Posterior with PCOs/TLIFs
9:30	• PSF with PSO/TLIFs
9:50	Post-op Considerations, Complications, Return to Normal Function, and Outcomes
10:00	Tips and Pearls
10:10	Case Discussion
10:40	Refreshment Break

Session 6: Extreme Adult Deformity—When to Back Off vs. When to Tackle While Minimizing Morbidity and Maximizing Outcomes

11:10	Introduction to Problem and Recent Literature Review
11:20	Analysis and Decision-making Based on Clinical and Radiographic Presentation
	Step-by-step Surgical Treatment:
11:40	• PSF with PCOs for Realignment with Traction
11:48	• PSF with VCR for Realignment
11:56	• ASF/PSF with or without 3CO

12:14 PM	Post-op Considerations, Complications, Return to Normal Function, and Outcomes
12:24	Tips and Pearls
12:34	Case Discussion
1:10	Lunch with non-CME Workshops

Session 7: Cervico-thoracic PJK and PJF—Are We Making Any Progress in Prevention and in 2017?

2:15	Introduction to Problem and Recent Literature Review
2:25	Analysis and Decision-making Based on Clinical and Radiographic Presentation
	Step-by-step Surgical Treatment:
2:45	• PSF Extension with PCOs
2:55	• PSF Extension with VCR
3:05	• PSF Extension to Cervical Spine with added ACDF/Plating
3:15	Tips and Pearls
3:25	Case Discussion
3:45	Concluding Comments
3:50	Meeting Adjourns

Program subject to change.

“A very good, focused and evidence-based course. The faculty are experienced and the content reflects their own experience, which is very important.”

—Past Attendee

WHO SHOULD ATTEND

Orthopaedic and neurological surgeons, fellows, and residents who include spinal deformity surgery in their practice

PHYSICIAN ACCREDITATION

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint providership of Medical Education Resources and BroadWater. Medical Education Resources is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION

Medical Education Resources designates this live activity for a maximum of *14.0 AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

COURSE OBJECTIVES

At the conclusion of this activity, participants should be better able to:

- Summarize current research and best practices in analysis and decision-making in the management of adolescent and adult spinal deformity.
- Describe step-by-step treatment options for optimal outcomes for AIS, post-traumatic kyphosis in the aging spine, sagittal malalignment, Scheuermann's kyphosis, extreme adult deformity, and cervico-thoracic PJK and PJF.
- Discuss post-op considerations and complications avoidance in the surgical management of spinal deformity.

JOINT PROVIDERSHIP

This program is jointly provided by Medical Education Resources, Inc. and BroadWater, LLC.

COMMERCIAL SUPPORT

Various medical companies have been invited to exhibit at this course. Full disclosure of financial and other support will be included in the course syllabus materials.

DISCLOSURE POLICY

Medical Education Resources ensures balance, independence, objectivity, and scientific rigor in all of its educational activities. In accordance with this policy, MER identifies conflicts of interest with its instructors, content managers, and other individuals who are in a position to control the content of an activity. Conflicts are resolved by MER 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. MER is committed to providing its learners with high-quality CME activities that promote improvements or quality in health care and not the business interest of a commercial interest.

**"Great talks,
pearls on
surgical
techniques.
Very helpful!"**

—Past Attendee



Registration



Fast, Easy & Secure Registration Online at
www.RegOnline.com/ISDS2017

**Lower
Registration
Fees for
2017!**

REGISTRATION FEES

Surgeons	\$745
Residents, Fellows, PTs, Nurses, and Other Allied Health Professionals:	\$545

Registration includes meals, course materials, and scientific sessions on Friday & Saturday.

Late Registration Fee: \$50 (after October 13)



REGISTRATION PROCEDURE

Register early as the space may fill rapidly. Individuals who register after the course is full will be placed on a wait list and contacted if space becomes available.

REFUND POLICY

A full refund will be provided, less a \$100 administrative fee, dependent upon written notice being received by October 13, 2017. Refunds will not be made after this date. Substitutions are allowed at any time but must be submitted in writing.

"The best course. Excellent faculty!"
—Past Attendee

Cancellation or

Non-Attendance: In the unlikely event of insufficient enrollment, we reserve the right to cancel the course up to 21 days prior to the course. Registrants will be notified by certified mail and registration fees will be refunded. Airline and other costs incurred by the registrant are the responsibility of the registrant and will not be refunded. If registrant(s) are unable to attend the meeting due to weather delays, strikes, Acts of God, civil disturbance, or other reasons not directly controlled by the meeting organizers, registration fees, airline, hotel and other costs incurred by the registrant(s) will not be refunded.

Attendance: The course chairmen reserve the right to refuse admission to anyone whose presence is considered to be incompatible with the course objectives.

Language: The program will be presented in English

Hotel

LOCATION & HOTEL ACCOMMODATIONS

The course location and hotel is:

Swissôtel Chicago

323 E. Wacker Drive
Chicago, IL 60601

Room Rate

\$249.00 (plus tax) for single or double occupancy



Reservations Procedure

To make your hotel reservation, please visit <https://aws.passkey.com/go/isd2017> or call **888-737-9477** and tell them you are with the **International Spinal Deformity Symposium** group. Please ensure you book your room within the group block to receive the group rate.

Deadline

It is recommended that participants book their hotel rooms as soon as possible, as space will fill rapidly. Reservations at the group rate may not be available after **October 13, 2017** or if the room block is full.

Reservations Policies

A valid credit card number is required to guarantee each hotel reservation. Reservations can be cancelled without penalty until 72 hours prior to the scheduled arrival.

For additional information please contact:

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