

1ST ANNUAL

DECEMBER

4-5

2015

# International Spinal Deformity Symposium

**THE GWEN HOTEL | CHICAGO, IL**

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



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**BROADWATER** LLC

ENDORSED BY



**CHAIRMEN**

Larry Lenke, MD + Chris Shaffrey, MD

## Dear Colleague:

**Surgically managing spinal deformity is *never* easy!** Whether it is “straightforward” adult degen scoliosis, or a nightmarish post-op PJK, there are always challenges:

- + Did we restore sagittal balance?
- + Did we fuse too long? Too short?
- + Will the junction below fail?
- + These concerns make it difficult for any of us to rest easy.

That's why we're launching the *1st International Spinal Deformity Symposium*. But, this is **not** a typical spine meeting. This program incorporates four strategic elements:

- + Introduction of a common deformity problem.
- + What do we know now? A review of current research.
- + How to think a case through: An expert applies the research.
- + Putting it all into practice: Discussing cases, voting on treatments, and learning from outcomes.

We'll highlight the current research and how it can be applied in the OR; collaborate on how we think through treatment strategies; and discuss our experience with those problems for which we don't yet have complete answers. *It will be evidence-based, practical, and highly interactive.*

If you treat deformity, this meeting will provide you with one of the most valuable and practical educational experiences imaginable. We hope to see you on Chicago's Magnificent Mile in December; we think you'll be glad you came.

Best regards,

**Larry Lenke, MD + Chris Shaffrey, MD**

COURSE CO-CHAIRMEN



### CHAIRMEN

**Lawrence G. Lenke, MD**  
Columbia University  
New York, NY

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

### FACULTY

**Christopher Ames, MD**  
UCSF Spine Center  
San Francisco, CA

**D. Greg Anderson, MD**  
Rothman Institute at  
Thomas Jefferson University  
Philadelphia, PA

**Peter D. Angevine, MD, MPH**  
Columbia University  
Medical Center  
New York, NY

**Robert (Shay) Bess, MD**  
Rocky Mountain Scoliosis  
and Spine  
Denver, CO

**Christopher J. DeWald, MD**  
Rush University Medical Center  
Chicago, IL

**Steven Glassman, MD\***  
Norton Leatherman Spine Center  
Louisville, KY

**Munish Gupta, MD\***  
University of California-Davis  
Sacramento, CA

**Purnendu Gupta, MD**  
Chicago Spine Center  
at Weiss Memorial  
Chicago, IL

**Kim Hammerberg, MD**  
Shriners Hospitals for Children  
Chicago, IL

**Khaled Kebaish, MD**  
Johns Hopkins University  
Baltimore, MD

**Michael Kelly, MD**  
Washington University  
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St. Louis, MO

**Yongjung (Jay) Kim, MD**  
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**Han Jo Kim, MD**  
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**Stephen J. Lewis, MD**  
Toronto Western Hospital  
Toronto, Ontario, Canada

**John Lonstein, MD**  
Twin Cities Spine Center  
Minneapolis, MN

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

**David W. Polly, Jr., MD\***  
University of Minnesota  
Minneapolis, MN

**Frank Schwab, MD\***  
Hospital for Special Surgery  
New York, NY

**Justin Smith, MD, PhD**  
University of Virginia  
Charlottesville, VA

*\* Course Co-Director  
Faculty Subject to Change*

## 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 accreditation requirements 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 *13.5 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 in the management of adolescent and adult spinal deformity.
- + Evaluate treatment options for optimal outcomes for adult degenerative scoliosis, adult idiopathic scoliosis, high grade spondylolisthesis, symptomatic PJK, adolescent spinal deformity, primary sagittal imbalance, and revision surgery for failed primary adult deformity surgery.
- + Discuss recent progress, practical tips, and complications avoidance in the surgical management of spinal deformity.

## DISCLOSURE POLICY

Medical Education Resources insures 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.

## 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 disclosed in the course syllabus materials.



# Program

FRIDAY, DECEMBER 4, 2015

7:30 AM	Welcome
7:40	The challenges of adult spinal deformity.

## Session 1: Surgical Management of Untreated Adult Degenerative Scoliosis, Large Curve, with Stenosis

8:00	Introduction to the problem, with case examples.
8:10	What do we know now? Review of current research.
8:20	How I think a case through: Bringing together the research and practical tips.
8:30	Discussion
8:45	Case discussions: + 40° lumbar scoliosis with good alignment and lumbo-sacral canal stenosis + 60° lumbar scoliosis with significant lumbo-sacral curve with mild imbalance + 60° lumbar scoliosis with major sagittal imbalance
9:40	Take home points: Summation of session
9:50	Refreshment break

## Session 2: Surgical Management of Untreated Adult Idiopathic TL Scoliosis, Large Curve, with Mild Imbalance

10:10	Introduction to the problem, with case examples.
10:20	What do we know now? Review of current research.
10:30	How I think a case through: Bringing together the research and practical tips.
10:40	Discussion
10:45	Case discussions: + 60° thoracolumbar scoliosis in a 45-year-old female + 90° thoracolumbar scoliosis in a 60-year-old with osteopenia
11:50	Take home points: Summation of session
12:00 PM	Lunch with industry workshops*

\* Not CME-Accredited

## Session 3: Surgical Management of High Grade Spondy in Adult

1:00	Introduction to the problem, with case examples.
1:10	What do we know now? Review of current research.
1:20	How I think a case through: Bringing together the research and practical tips.
1:30	Discussion
1:40	Case discussions: + Grade III spondylolisthesis with good sagittal balance + Grade IV spondylolisthesis with severe L5 radiculopathy + Grade V spondylolisthesis with sagittal imbalance
2:40	Take home points: Summation of session
2:50	Refreshment break

## Session 4: Progress and Challenges in the Surgical Management of Spinal Deformity

3:10	Introduction of Keynote Speaker
3:15	Keynote Address <span>John Lonstein, MD</span>
3:40	Discussion
3:45	Are we progressing? How I would have treated a case 10 years ago, and how and why I've changed today: + Fixed sagittal imbalance / flatback + Combined coronal / sagittal imbalance + Angular kyphotic deformity
4:15	Rules to live by in complex spinal deformity surgery: Things I wish I'd known at the start of my career.
4:45	Adjourn

## SATURDAY, DECEMBER 5, 2015

### Session 5: Surgical Management of Symptomatic PJK Following Prior TL to S or Upper Thoracic to Sacrum Surgery

7:45 AM	Introduction to the problem, with case examples.
7:55	What do we know now? Review of current research.
8:05	How I think a case through: Bringing together the research and practical tips.
8:15	Discussion
8:25	Case discussions: + 20° PJK above prior T10 to sacrum posterior spine fusion + 40° PJK with compression fracture above prior T10 to sacrum posterior spinal + Angular PJK above prior T3-sacrum posterior spinal fusion with myelopathy
9:10	Take home points: Summation of session

### Session 6: Practical Deformity Surgery Tips

9:15	What I've learned about blood management
9:25	When you should not do a PSO!
9:35	Infection avoidance
9:45	Post-op ileus avoidance
9:55	Discussion
10:00	Refreshment break

### Session 7: Surgical Management of Adolescent Spinal Deformity

10:20	Introduction to the problem, with case examples.
10:30	What do we know? Research review.
10:40	How I think a case through: Bringing the research and practical tips together.
10:50	Discussion
11:00	Case discussions: + 60° Lenke 1A- curve in a 12 year old immature female + 75° Lenke 5CN curve in a 15 year old athlete

11:40 Lunch with industry workshops\*

### Session 8: Surgical Management of Primary Sagittal Imbalance

12:45 PM	Introduction to the problem, with case examples.
12:55	What do we know now? Review of current research.
1:05	How I think a case through: Bringing together the research and practical tips.
1:15	Discussion
1:20	Case discussions: + 67 y/o with 2 level stenosis and 10 cm of sagittal imbalance + 60 y/o Parkinson's pt. with 15 cm of sagittal Imbalance and well controlled tremors + 70 y/o adult with thoracic kyphosis, osteopenia, and 15 cm of sagittal imbalance
1:50	Take home points: Summation of session

### Session 9: Revision Surgery for Failed Primary Adult Deformity Surgery

1:55	Introduction to the problem, with case examples.
2:05	What do we know now? Review of current research.
2:15	How I think a case through: Bringing together the research and practical tips.
2:25	Discussion
2:25	Case discussions: + 55 y/o S/P T4-L5 HRI with flatback symptoms and 12 cm of FSI + 50 y/o S/P T5-L3 with PJK above and DDD below with 10 cm of sagittal imbalance + 55 y/o S/P T2-L3 for hyperkyphosis with implant removal secondary to deep infection with progressive rigid kyphosis and 10 cm of sagittal imbalance
2:55	Take home points: Summation of session
3:00	Adjourn

\* Not CME-Accredited

Program subject to change.



# General Information



Fast, Easy & Secure Registration Online at  
**[www.RegOnline.com/ISDS2015](http://www.RegOnline.com/ISDS2015)**

## REGISTRATION FEES

Surgeons	\$845
Residents, Fellows, PTs, Nurses, and Other Allied Health Professionals:	\$595

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

**Late Registration Fee:** \$50 (after November 6)

## GRANTS FOR RESIDENTS AND FELLOWS

Grants covering coach class travel, hotel, basic expenses, and registration may be available for a limited number of residents and fellows with an interest in spinal deformity surgery. Apply via email to [klaney@broad-water.com](mailto:klaney@broad-water.com) by October 1, 2015 by submitting your contact information and a brief description of your surgical interests.

## 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 November 6, 2015. Refunds will not be made after this date. Substitutions are allowed at any time but must be submitted in writing.

**Cancellation Policy:** 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.

**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 ACCOMMODATIONS

The course hotel is:

**The Gwen Hotel (formerly the Conrad Chicago)**

521 North Rush Street

Chicago, Illinois

60611-3507

Tel: 312-645-1500

### Room Rate

\$215.00 (plus tax) for single or double occupancy

### Reservations Procedure

To make your hotel reservation, please use the link on our website at [www.broad-water.com/event/ISDS-2015](http://www.broad-water.com/event/ISDS-2015)

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 November 12, 2015 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 24 hours prior to the scheduled arrival. Reservations cancelled within 24 hours of arrival will incur a penalty equal to 1 night's room and tax.

**For additional information please contact:**

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