

Course Chairmen: Harry L. Shufflebarger, MD | Randal R. Betz, MD | Peter O. Newton, MD
HSG Chairmen: Amer Samdani, MD | Baron Lonner, MD | Burt Yaszay, MD | David Clements, MD

Pediatric Spinal Deformity: 2025

A Joint Presentation of
Cutting Edge & The Harms Study Group

MARCH 7-8, 2025
WYNN LAS VEGAS, NV



A COMPREHENSIVE PEDIATRIC SPINE COURSE WITH CME CREDIT

ENDORSED BY:

IN COLLABORATION WITH HARMS STUDY GROUP:

JOINTLY PROVIDED BY:



We are excited to become a joint presentation of Cutting Edge & The Harms Study Group to celebrate the 12th course for Cutting Edge and the 30th anniversary for the Harms Study Group.

This two day CME program will feature the latest developments in the treatment of adolescent idiopathic scoliosis, early onset scoliosis, neuromuscular deformity, as well as mastering scoliosis management.

We hope you can join us!

Harry L. Shufflebarger, MD
Randal R. Betz, MD
Peter O. Newton, MD
Amer Samdani, MD
Baron Lonner, MD
Burt Yaszay, MD
David Clements, MD

Course Objectives

Following this activity, the participants should be able to:

- 1 Discuss the current state of the art of IONM, AIS Fusion, EOS Treatments, Vertebral Body Tethering, and the impact on spinal motion.
- 2 Demonstrate comprehensive understanding of decisions around fusion vs. tethering, including sagittal plane, motion, and hybrid surgery.
- 3 Discuss treatment options, optimization, and complications for treating Scheuermann's Kyphosis and Neuromuscular conditions.

Who Should Attend?

This course is for orthopedic and neurological surgeons, fellow, and residents who include spine surgery in their practices.

Joint Providership

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



In support of improving patient care, this activity has been planned and implemented by Medical Education Resources (MER) and BroadWater. MER is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physician Credit

Medical Education Resources designates this live activity for a maximum of 10.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Distinguished Faculty

Course Chairmen:

Harry Shufflebarger, MD
Paley Orthopedic & Spine Institute
West Palm Beach, FL

Randal R. Betz, MD
Institute for Spine and Scoliosis
Lawrenceville, NJ

Peter O. Newton, MD
Rady Children's Hospital
San Diego, CA

HSG Chairmen:

Amer Samdani, MD
Shriners Hospital for Children
Philadelphia, PA

Baron Lonner, MD
Mount Sinai Health System
New York, NY

Burt Yaszy, MD
Seattle Children's Hospital
Seattle, WA

David Clements, MD
Cooper Bone and Joint
Cherry Hill, NJ

FACULTY:

Ahmet Alanay, MD
Comprehensive Spine Center
Istanbul, Turkey

Keith Bachmann, MD
UVA Health
Charlottesville, VA

Patrick Cahill, MD
The Children's Hospital of Philadelphia
Philadelphia, PA

Stephen George, MD
Nikolaus Children's Hospital
Miami, FL

Lawrence Harber, MD
Ochsner Hospital for Children
New Orleans, LA

Steven Hwang, MD
Shriners Hospital for Children
Philadelphia, PA

Amit Jain, MD
Johns Hopkins, Medical Institute
Baltimore, MD

Michael Kelly, MD
Rady Children's Hospital
San Diego, CA

Noelle Larson, MD
Mayo Clinic,
Rochester, MN

Larry Lenke, MD
New York Presbyterian
Och Spine Hospital
New York, NY

Michelle Marks, PT, MA
Setting Scoliosis Straight Foundation
San Diego, CA

Firoz Miyajni, MD
Children's & Women's Health
Centre of British Columbia
Vancouver, BC

Suken Shah, MD
Alfred I. duPONT Hospital for Children
Wilmington, DE

David Skaggs, MD
Cedars Sinai Medical System
Los Angeles, CA

Paul Sponseller, MD
John Hopkins Medical Insitute
Baltimore, MD

Dan Sucato, MD
Texas Scottish Rite Hospital
for Children
Dallas, TX

Michael Vitale, MD, MPH
Columbia | Orthopedics
New York, NY

Faculty subject to change



Courtesy of A. Samdani, MD

Disclosure of Conflicts of Interest

Medical Education Resources insures balance, independence, objectivity, and scientific rigor in all our 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.

Pediatric Spinal Deformity 2025: A Joint Presentation of Cutting Edge and Harms Study Group

**March 7-8, 2025
Las Vegas, NV**

**Day 1 (Friday) Presented by On the Cutting Edge
7:45 am - 5:10 pm**

Keynote Lectures on:

1. The State of VBT in 2025
2. Spinal Motion and VBT
3. Intraoperative neuro monitoring
4. Future of Vertebral Body Tethering
5. AIS Fusion 2024
6. Early Onset Scoliosis

Each 10 minute Keynote Lecture delivered by recognized expert will be followed by a 45 minute case based panel discussion with expert panelists.

Day 2 (Saturday) Harms Study Group Presents: Mastering Scoliosis Management

8:00 am - 3:00 pm

• History of the Harms Study Group

SESSION 1: ADOLESCENT IDIOPATHIC SCOLIOSIS

Fusion

- Evolution of Spine Care for the Patient with AIS
- The Spine in 3D: Current Understanding and Impact on Treatment
- Sagittal Plane Restoration: Clinical Significance and Technical Pearls
- Selective Thoracic Fusion: When to Push the Limits and When to Fuse Long
- Motion After Fusing the Spine: How Much Are We Actually Losing?

Tether

- Anterior Vertebral Body Tethering: Evolution of Practice
- VBT: Complications and How Best to Avoid
- Hybrid Surgery: Indications and Early Results
- Debate: Lenke 5 in 13-Year-Old: Fusion vs, Tether

Scheuermann Kyphosis

- Proximal Junctional Kyphosis
- Distal Junctional Kyphosis
- Reciprocal Changes in Sagittal Plane
- HRQOL Changes
- Role For Anterior Surgery
- Complications and How To Minimize

SESSION 2: NEUROMUSCULAR

- Surgical Indications and Preoperative Optimization
- Does Surgical Intervention Improve the Quality of Life of Patients with Cerebral Palsy?
- Complication Avoidance: Tips to Minimize
- When Can You Fuse Short of Pelvis?

SESSION 3: Award Nominated Papers

General Information

[Register Online Here](#)

Registration Fees:

Surgeons	\$945
International Surgeon	\$795
Residents, Fellows, ARNPs, OAs, RNs	\$725
Corporate	\$1200

Registration includes two breakfasts, refreshments, two lunches, course reception, scientific sessions, and course materials.

Late Registration Fee: \$150 (after February 7)

Registration Procedure:

Register early as the limited space will fill rapidly. Surgeons and corporate attendees 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 dependent upon written notice being received by February 8, 2025. 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.

For additional information please contact:

BroadWater, LLC

Tel: (630) 681-1040

Christina Bessette

E-mail: cbessette@broad-water.com

Hotel Accommodations



The program, related activities, and accommodations will be held at:

Wynn Las Vegas
3131 Las Vegas Blvd
Las Vegas, NV 89109
<https://www.wynnlasvegas.com/>

Book by February 13, 2025

Click here to book your reservation

Room Rate: \$369* Resort King Room/\$469* Resort Double Queen Room



Deadline:

It is strongly 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 February 13 or if the group block sells out.

Deposits:

All rooms require the deposit of the first night's stay and tax upon booking. Rooms are subject to a 72 hour cancellation policy. Failure to show or cancellation within three (3) days of check-in will be assessed the deposit.

*Plus applicable taxes



Beyond THE Curve GALA

"Beyond the Curve" is an awareness event designed to unite families, surgeons, and industry partners nationwide for an evening dedicated to fundraising for the advancement of scoliosis treatment. Join us in celebrating the Harms Study Group's 30 years of scoliosis research by attending Setting Scoliosis Straight's Beyond the Curve Gala.

HSG

HARMS STUDY GROUP

Pioneering Research in Scoliosis

L A S V E G A S
MARCH 08 2025



**KEEP MEMORY
ALIVE CENTER**

888 W Bonneville Ave,
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6:00PM - 10:00PM

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