



**DePuy  
Institute**<sup>LLC</sup>

advancing education  
and research

*Deformity Summit:*  
Advancing the Treatment of Scoliosis

**May 13-15, 2010** – at the DePuy Institute, LLC  
with **Randal Betz, MD, Munish Gupta, MD, Peter Newton, MD,  
Christopher Shaffrey, MD** and **Harry Shufflebarger, MD.**

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**DePuy**  
Spine Inc.  
a Johnson & Johnson company



*Deformity Summit:  
Advancing the  
Treatment of Scoliosis*

*Course Chairmen*



**Randal Betz, MD**  
Shriners Hospital for Children  
Philadelphia, PA



**Munish Gupta, MD**  
UC Davis Spine Center  
Sacramento, CA



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



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



**Harry Shufflebarger, MD**  
Miami Children's Hospital  
Miami, FL

## **Program Objectives:**

This course seeks to enhance the knowledge and skills of surgeons in the treatment of spinal deformity. Specifically, the course is designed to expose experienced deformity surgeons to both current and emerging techniques, concepts, and strategies for deformity correction.

## **Program Overview:**

This 3-day *customized* educational program will begin and end each day with exciting general session topics. The remaining 75% of the program will offer you the choice of both hands-on and small group breakouts on both adult and pediatric deformity topics.

In order to maximize this educational opportunity, we request that you attend at least 2 consecutive days of the program based on your area of interest.

## **Who Should Attend?**

The *Deformity Summit* is designed for experienced Orthopaedic and Neuro Spine Surgeons that specialize in Adult and/or Pediatric Deformity. Surgeons should have at least 3 years of experience, and perform 50+ Scoliosis procedures annually.

Wednesday, May 12, 2010

**GROUP 1 ARRIVALS**

Thursday, May 13, 2010

**DEFORMITY SUMMIT: ADVANCING THE TREATMENT OF ADULT SCOLIOSIS**

*Co-Chairs* Munish Gupta, MD; Christopher Shaffrey, MD; Harry Shufflebarger, MD

7:00 AM Depart Hotel Lobby

**GENERAL SESSION**

8:00 AM Welcome and Program Overview

**8:10 AM Surgical Decision Making in Primary Adult Idiopathic Scoliosis**

8:20 AM Discussion

**8:30 AM Degenerative Scoliosis: Balancing Morbidity and Surgical Plan**

8:40 AM Discussion

**8:50 AM Osteoporosis in Adult Deformity Surgery:  
Options in Preventing Bone Implant Failure**

9:00 AM Discussion

9:20 AM Break

9:45 AM Transfer to Breakouts

**9:55 AM Break Out Session I**

10:55 AM Transfer to Breakouts

**11:00 AM Break Out Session II**

12:00 PM Lunch

12:45 PM Transfer to Breakouts

**12:55 PM Break Out Session III**

1:55 PM Transfer to Breakouts

**2:00 PM Break Out Session IV**

3:00 PM Break

*Thursday Breakouts*

**Bioskills Lab:**

- MIS Deformity Correction
- Lateral Approach and Percutaneous Screws
- Ideal Pelvic Fixation
- Vertebral Column Resections (VCR's)
- Pedicle Subtraction Osteotomies (PSO's)

**Interactive Practicums:**

- Ask an Expert
  - Case Reviews: Adult Primary and Revision Deformity
- Debate
  - Anterior/Posterior vs. Lateral Approach in Treatment of Adult Scoliosis
- Favored Angle Screw Technique Demonstration

# Course agenda

## GENERAL SESSION

- 3:20 PM**      **Adult Deformity Revisions and Surgical Planning**
- 3:30 PM      Questions
- 3:40 PM**      **Pedicle Subtraction Osteotomies: Lessons Learned**
- 3:50 PM      Discussion
- 3:55 PM**      **How to Minimize Complications in Adult Deformity Surgery**
- 4:05 PM      Discussion
- 4:10 PM**      **Surgical Options for High Grade Spondylolisthesis in Adults**
- 4:20 PM      Discussion
- 4:30 PM      Adjourn

## GROUP 2 ARRIVALS

*Friday, May 14, 2010*

## DEFORMITY SUMMIT: ADVANCING THE TREATMENT OF SCOLIOSIS

- Co-Chairs*      Randal Betz, MD; Munish Gupta, MD; Peter Newton, MD;  
Christopher Shaffrey, MD; Harry Shufflebarger, MD
- 7:00 AM      Depart Hotel

## GENERAL SESSION

- 8:00 AM**      **Welcome and Program Overview**
- 8:10 AM**      **Managing Acute Post Operative Infection**
- 8:16 AM**      **Managing Late Implant Infection**
- 8:22 AM      Discussion
- 8:30 AM**      **The Role of MIS and Treating Adult Deformity**
- 8:38 AM**      **Early Experience Treating AIS with MIS Techniques**
- 8:45 AM      Discussion
- 8:55 AM**      **Intraoperative Spinal Cord Injury and Neuromonitoring**
- 9:05 AM      Discussion

Friday, May 14, 2010 con't

**9:15 AM**      **Predicting AIS Progression  
Genetic Testing in 2010: Is It Better Than Clinical Data Alone?**

9:25 AM      Discussion

9:30 AM      Break

9:45 AM      Transfer to Breakouts

**9:55 AM**      **Break Out Session I**

10:55 AM      Transfer to Breakouts

**11:00 AM**      **Break Out Session II**

12:00 PM      Lunch

12:45 PM      Transfer to Breakouts

**12:55 PM**      **Break Out Session III**

1:55 PM      Transfer to Breakouts

**2:00 PM**      **Break Out Session IV**

3:00 PM      Break

#### **GENERAL SESSION**

**3:20 PM**      **Compliance Environment: FDA Methods and Getting  
the Product to Market**

3:35 PM      Questions

**3:45 PM**      **How to Reduce and Treat  
Post-Operative Junctional Kyphosis**

3:55 PM      Discussion

**4:00 PM**      **Outlandish Osteotomies**

4:10 PM      Discussion

**4:15 PM**      **Managing the Malaligned**

4:25 PM      Discussion

4:30 PM      Adjourn

#### **GROUP 1 DEPARTURES**

#### *Friday Breakouts*

##### **Bioskills Lab:**

- AP Flouro Guided Screw Insertion and Percutaneous Screw Placement
- Thoracic Vertebral Column Resections
- Lumbar Pedicle Subtraction Osteotomies
- Pelvic Fixation

##### **Interactive Practicums:**

- Osteotomy Planning: Surgimap Computer Lab
- Derotation Techniques: Video Presentation and Hands-On Sawbones
- Preoperative Planning Case Review with Level Selection Discussion
- Spondylo-Reduction Including Sacral PSO with Sawbones

# Course agenda

*Saturday, May 15th*

## **DEFORMITY SUMMIT: ADVANCING THE TREATMENT OF PEDIATRIC SCOLIOSIS**

*Co-Chairs*

Randal Betz, MD; Peter Newton, MD; Harry Shufflebarger, MD

### **GENERAL SESSION**

- 9:00 AM**      **3D Analysis and Fusion Level Selection for Thoracic Curves**
- 9:10 AM      Discussion
- 9:20 AM**      **3D Analysis and Fusion Level Selection for Lumbar & Thoracolumbar Curves**
- 9:30 AM      Discussion
- 9:35 AM**      **Patient Selection: Surgery for Chiari, Syrinx & Tethered Cord**
- 9:45 AM      Discussion
- 9:50 AM**      **Correction Strategies and Decision Making in Neuromuscular Deformity**
- 10:00 AM      Discussion
- 10:05 AM**      **Break Out Session I**
- 11:00 AM**      **Breakout Session II**
- 12:00 PM      Lunch
- 1:00 PM**      **Breakout Session III**
- 2:00 PM**      **Breakout Session IV**
- GENERAL SESSION**
- 3:00 PM**      **Avoiding Complications: Interactive Faculty and Participant Discussion**
- 4:00 PM      Adjourn

### *Saturday Breakouts*

#### **Bioskills Lab:**

- Advanced Minimally Invasive Posterior Surgery for AIS
- Vertebral Body Derotation (VBD) Techniques
- Posterior Corrective Osteotomies and VCR
- Sacropelvic Fixation Options and Techniques to Maximize Pelvic Obliquity Correction

#### **Interactive Practicums:**

- ScolioScore: Current Data and How to Use It in Your Practice
- A Novel Strategy Using the Implants for AIS Correction
- Sagittal and Axial Correction Strategies in AIS
- Modern Techniques for Pediatric Spinal Deformity
- Correction Strategies for Kyphosis Surgery

**Course Location:**

The DePuy Institute, LLC  
325 Paramount Drive  
Raynham, MA 02767

**Travel Information:**

Contact J&J Travel at (877) 355-6333  
Group Code: 9532A

**Course Hotel Accommodations:**

The W Boston  
100 Stuart Street  
Boston, MA 02116  
Tel: 617-216-8700  
[www.WHotels.StarwoodHotels.com](http://www.WHotels.StarwoodHotels.com)  
Room Rate \$259/night plus taxes  
Hotel deadline: April 26, 2010

**Guest Policy**

The goal of this meeting is to train Health Care Professionals. In keeping with AdvaMed guidelines and the objectives of this educational event, all aspects of the meeting are intended solely for the invited Health Care Professionals. We thank you for your cooperation in this matter. This course complies with the AdvaMed Code of Ethics effective July 1, 2009. Additional information about the Code of Ethics may be found at <http://www.advamed.org/MemberPortal/About/code/>.

**Right to refuse admittance**

The provider of this course reserves the right to cancel or reschedule the program prior to the course. The course chairs reserve the right to deny entry to those who may alter course objectives.

**Course content is subject to change.**

## AdvaMed

In adherence to the AdvaMed Code of Ethics, company meetings and related hospitality events are intended solely for the invited Health Care Professionals. Produced and sponsored by DePuy Professional Education Department. This course is No Fee/No CME.

Under Massachusetts and Vermont Regulations, company is not allowed to provide meals or refreshments to licensed Health Care Professionals outside of Physician's office or hospital setting.

If you are a Massachusetts or Vermont Health Care Professional, you are not allowed to attend portions of the event denoted with an asterisk (\*).



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**DePuy Spine, Inc.**

325 Paramount Drive  
Raynham, MA 02767  
USA  
Tel: +1 (800) 227-6633