

## PRE-COURSE

WEDNESDAY, MAY 9, 2018  
8:00 AM – 12:00 PM

### Natural History in Pediatric Orthopaedics: How Good is the Data on Which We Base our Decisions?

Chair: Wudbhav N. Sankar, MD

#### DESCRIPTION

Proper knowledge of the natural history of pediatric orthopaedic conditions is essential to providing high quality care. Without an understanding of how patients' conditions would evolve untreated, one is unable to accurately evaluate the relative benefits of a given form of treatment. In spite of this, the natural history of many pediatric orthopaedic conditions is poorly understood.

The purpose of this pre-course is to draw attention to the data that is known and the data that is unknown about several common pediatric orthopaedic conditions. This will inform our membership and provide a springboard for discussion about future directions in research and registry development.

#### LEARNING OBJECTIVES

Upon completion of this program, participants should be able to:

- Objective 1: To appreciate what is known and unknown about the natural history of several common pediatric orthopaedic conditions including issues related to lower extremity alignment, hip pathology, spinal deformity, and traumatic sports injuries.
- Objective 2: To appreciate how the natural history of a given condition directly impacts a decision on whether or not to recommend surgery.
- Objective 3: To understand how future research could be designed to improve our understanding of the natural history of pediatric orthopaedic conditions.

#### ACCREDITATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Orthopaedic Surgeons and the Pediatric Orthopaedic Society of North America. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

#### CONTINUING MEDICAL EDUCATION

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of 3.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. .45 hours may be used for external trauma-related CMEs.

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## Natural History in Pediatric Orthopaedics: How Good is the Data on Which We Base our Decisions?

J.W. Marriott, Austin, Texas

### WEDNESDAY, MAY 9

8:00 AM–8:02 AM **OPENING WELCOME**  
POSNA President: *Richard Schwend, MD*  
Pre-Course Chair: *Wudbhav N. Sankar, MD*

8:02 AM–8:14 AM **KEYNOTE SPEAKER**  
**Importance of Natural History**  
*Stuart Weinstein, MD*

### SESSION 1

#### Natural History of LE Deformity

Presider: *Mark Seeley, MD*  
Moderator: *James Kasser, MD*

8:15 AM–8:23 AM **Mild Leg Length Discrepancy**  
*Eric Gordon, MD*

8:24 AM–8:32 AM **Angular Deformities of the Lower Extremity**  
*Philip McClure, MD*

8:33 AM–8:41 AM **Rotational Malalignment of the Lower Extremity**  
*Ira Zaltz, MD*

8:42 AM–8:50 AM **Debate: Miserable Malalignment Surgery Pro vs. Con**  
*Peter Stevens, MD vs. Michelle Caird, MD*

8:50 AM–8:58 AM Questions

#### Natural History of Hip Conditions

Presider: *Mark Seeley, MD*  
Moderator: *Dennis Wenger, MD*

8:59 AM–9:07 AM **Acetabular Dysplasia**  
*Daniel Cooperman, MD*

9:08 AM–9:16 AM **◆ SCFE Deformity**  
*A. Noelle Larson, MD*

9:17 AM–9:25 AM **Femoroacetabular Impingement**  
*Young-Jo Kim, MD, PhD*

9:26 AM–9:34 AM **Spastic Hip**  
*Benjamin Shore, MD, MPH, FRCSC*

9:35 AM–9:43 AM **Debate: Surgery for Mild Acetabular Dysplasia in the Skeletally Immature**  
*Ernest Sink, MD vs. Kishore Mulpuri, MD*

9:43 AM–9:51 AM **Questions**

9:52 AM–10:12 AM **Break**

◆ Indicates those faculty presentations in which the FDA has not cleared the drug and/or medical device for the use described (ie. the drug or medical device is being discussed for an "off label" use).

## SESSION 2

### Natural History of Spine Conditions

Presider: Nirav Pandya, MD

Moderator: Laurel Blakemore, MD

- 10:13 AM–10:21 AM **Early Onset Scoliosis**  
*Lori Karol, MD*
- 10:22 AM–10:30 AM **AIS**  
*Stuart Weinstein, MD*
- 10:31 AM–10:39 AM **Spondylolisthesis**  
*Patrick Cahill, MD*
- 10:40 AM–10:48 AM **Kyphosis/Sagittal Plane Disorders**  
*Firoz Miyajni, MD, FRCSC*
- 10:49 AM – 10:57 AM **Debate: Surgery for the 50 Degree Curve Pro vs. Con**  
*David Skaggs, MD vs. Timothy Ward, MD*
- 10:57 AM–11:05 PM **Questions**



### Natural History of Sports Conditions

Presider: Nirav Pandya, MD

Moderator: Theodore Ganley, MD

- 11:06 AM–11:14 AM  **ACL Deficient Knee**  
*Kevin Shea, MD*
- 11:15 AM–11:23 AM  **Traumatic Shoulder Instability**  
*Jennifer Weiss, MD*
- 11:24 AM–11:32 AM  **Meniscal Deficient Knee**  
*Henry G. Chambers, MD*
- 11:33 AM–11:41 AM  **Debate: Medial Epicondyle Fracture Surgery Pro vs. Con**  
*J. Todd Lawrence, MD, PhD vs. Stephanie Mayer, MD*
- 11:41 AM–11:49 AM **Questions**

#### WRAP-UP/FUTURE

- 11:50 AM–12:00 PM **What it Would Take to Answer these Natural History Questions:  
The Role of Registries and Study Groups**  
*Colin Moseley, MD*

POSNA extends sincere appreciation to

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