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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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

Ernest Sink, MD vs. Kishore Mulpuri, MD

9:43 AM–9:51 AM Questions
♦ 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 Miyanji, 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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* may be used for external trauma-related CMEs.