Advanced Techniques in Complex Pediatric Spine Surgery: A Hands-on Human Anatomic Specimen Course

May 31, 2013 - June 1, 2013
Long Beach, California, USA

There is significant benefit to cross fertilization of knowledge and techniques between the Pediatric Orthopaedic and Neurological Spine surgeon disciplines to facilitate more cooperation and coordinated care for children. Participants will build a better foundation to manage this complex patient population and develop a cooperative working relationship within the two disciplines. Topics for discussion include pediatric spinal deformity, adolescent idiopathic scoliosis, cervical spine deformity, pediatric spinal cord management, advanced treatment options and new techniques. An internationally recognized Faculty with specific expertise in various aspects of Pediatric Spinal surgery will participate. The target audience for this 1 and ½ day course is Pediatric Orthopaedic and Neurological Spine surgeons that participate in the care of complex spinal deformities in children. Enrollment is open to experienced neurological and orthopaedic spine surgeons Participants should be a neurological or orthopaedic spine surgeon whose practice is dedicated to the treatment of pediatric spinal disorders.

The course format will include brief lectures and panel discussions with expert faculty, case presentations, small group discussions, and a bioskills lab. Cases will illustrate specific problems, principles, or techniques in different areas of complex pediatric spine surgery including growing instrumentation, pedicle and transarticular screws, vertebral osteotomies and vertebral column resection.

Through intensive, hands on sessions utilizing human anatomic specimens, participants will engage in surgical techniques and strategies for a range of spinal procedures. Led by experienced faculty, the course provides a forum for exposure to the latest cutting edge techniques used in pediatric spine surgery. Significant time is dedicated to operative indication discussions. The problem-based decision making process is emphasized during these very interactive discussions.

Event Summary

Tuition:
Level Name: Participant - Spine
Pricing Tier: Attending
Tuition: $1,000.00

Course Prerequisite(s):
No Prerequisites

Venue:
Renaissance Long Beach Hotel
111 East Ocean Boulevard
Long Beach, CA, USA
Phone Number: 1-562-437-5900
http://www.marriott.com/hotels/travel/lgbrn-renaissance-long-beach-hotel/

Language(s):
English

Jointly Provided By:
AO North America
AO SPINE North America

Professional Level Prerequisite(s):
No Prerequisites

CME

Continuing Education Credit: 11.25

- AO North America is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Below Wording CMF Only- Continuing Education Dental Credit Statement..

As an Accreditation Council for Continuing Medical Education (ACCME) accredited provider, AO North America meets the definition of a constituent or component organization of the AMA and thereby meets most state dental board requirements of an approved sponsor of continuing education. This course is focused on clinical issues in oral-maxillofacial surgery that are relevant to the treatment and care of dental patients. Most states accept AMA constituents as approved sponsors for continuing dental education credit. If you have questions, your state dental board can confirm eligibility of this course.

- **Designation Statement** - AO North America designates this live educational activity for a maximum of 11.25 ***AMA PRA Category 1 Credits***™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Continuing Medical Education (CME) mission of AO North America (AONA®) is to provide comprehensive multidisciplinary needs based education to surgeons, fellows, and residents in the specialties of orthopedic, hand, craniomaxillofacial, spine, neurosurgery, and veterinary surgery in the areas of trauma (i.e.), operative reduction and fixation), degenerative disorders, deformities, tumors, and reconstruction.

Expected results of AONA's CME activities for surgeons, fellows, and residents are to:
• Increase their knowledge base and surgical skill level
• Improve competence by applying advances of knowledge in patient care in the areas of trauma, degenerative disorders, deformities, tumors, and reconstructive surgical techniques
• Address practice performance gaps by improving management of aspects of traumatic injuries and musculoskeletal disorders (i.e., pre-operative planning to post-operative care)

Learning Objectives

Upon completion, participants should be able to:

- Develop a complete, comprehensive evaluation of a child with a complex spinal deformity
- Assess the patient in terms of natural history, medical limitations, patient concerns, and treatment expectations
- Order and interpret appropriate imaging and use appropriate diagnostic tools to assess spinal balance, flexibility, and spinal cord anomalies
- Use evidence-based decision making when recommending non-surgical and surgical options for treating children with a complex spinal deformity including the optimal timing of intervention
- Explain relevant spinal anatomy, including regional nuances
- Employ physiological and surgical principles to spinal fusion and instrumentation
- Select and perform appropriate surgical procedures for specific indications
- Develop and enhance surgical skills and techniques to perform the surgical procedures including growing instrumentation, pedicle and transarticular screws, vertebral osteotomies and vertebral column resection using human anatomic specimens as models
- Prevent/manage operative and postoperative complications
- Use outcome measures to assess the effectiveness of each intervention

Faculty

Ouellet, Jean - Co-Chairperson
MD
Professor Of Surgery
Division of Orthopaedics
McGill University
Montreal, Quebec

Smith, John - Co-Chairperson
MD
Dr
University of Utah
Chief, Scoliosis service
Primary Children's Hospital
Mary Scrowcroft Perry Presidential Endowed Chair of Orthopaedics
Salt Lake City, Utah

France, John - Director
MD
Vice Chairman and Chief of Spine Surgery
Department of Orthopaedic Surgery
West Virginia University
Morgantown, West Virginia

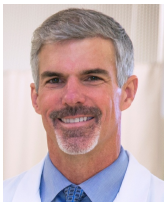
Dr John France is Professor of Orthopaedic Surgery and Neurosurgery at West Virginia University where he also serves as vice chairman of Orthopaedic surgery and chief of spine surgery. He has been at West Virginia University since 1995 after serving as an Orthopaedic surgeon in the United States Air force at Wilford Hall Medical Center, Lackland AFB, San Antonio, Texas. His undergraduate degree was from the University of Pennsylvania, medical degree for the University of Pittsburgh, he stayed at the University of Pittsburgh as a General Surgery intern then went to the State University of New York in Buffalo for Orthopaedic residency, and finally did his spine fellowship at the University of Colorado. He is currently an active member and serves on and as chair of committees in the AAOS, SRS, CSRS, OTA, and NASS. He began as AO Trauma faculty in 1993 then was involved in AO Spine from its onset in the mid 1990's. His involvement in the AO has been extensive serving on and as chair of various national and international committees as well as serving as faculty for innumerable courses. He is currently chair of the international faculty development committee. His current practice still includes a significant amount of complex trauma in addition to his tertiary spine practice.

Arlet, Vincent - Lecturer
MD
Prof Dr
University of Pennsylvania
Philadelph, Pennsylvania

Betz, Randal - Lecturer
MD
Pediatric Scoliosis & Spine Surgeon
Institute for Spine and Scoliosis
Lawrenceville, New Jersey

Blakemore, Laurel - Lecturer
MD
Chief, Orthopedic Surgery and Sports Medicine
Children's National Medical Center
Associate Professor, George Washington University
Washington, District of Columbia

Couture, Daniel - Lecturer
MD
Assistant Professor of Neurosurgery
Director of Pediatric Neurosurgery
Wake Forest Baptist Health
Winston-Salem, North Carolina



Daubs, Michael - Lecturer

MD
Professor
Optum Dr.Tony and Renee Marlon Endowed Chair
Department of Orthopaedic Surgery
UNLV School of Medicine
Las Vegas, Nevada

Dr. Michael Daubs, professor and Chair of the Department of Orthopaedic Surgery at the UNLV School of Medicine, he treats disorders of the neck and back including fractures, herniated discs, stenosis, spondylolisthesis, scoliosis and other complex spinal deformities. He specializes in surgery of the spine in both children and adults. Board certified, he is a member of many national and international research and education organizations and enjoys the privilege of instructing his fellow spine surgeons at medical conferences around the world. He currently serves as the Chair of AO Spine North America and is a Director of the American Board of Orthopaedic Surgery.

Emans, John - Lecturer

MD
Director Division of Spine Surgery
Department of Orthopaedic Surgery
Children's Hospital
Professor, Harvard Medical School
Boston, Massachusetts

Samdani, Amer - Lecturer

MD
Chief of Surgery
Shriners Hospitals for Children
Philadelphia, Pennsylvania

Skaggs, David - Lecturer

MD
Chief of Orthopedic Surgery
Director of Spine Surgery
Endowed Chair of Pediatric Spinal Disorders
Attending Physician, Professor of Surgery, Keck School of Medicine of USC
Los Angeles, California

David L. Skaggs, MD, MMM is chief of orthopaedic surgery and director of spine surgery at Children's Hospital Los Angeles. Dr. Skaggs received his undergraduate degree from Amherst College and his medical degree from Columbia University of Physicians and Surgeons. He completed his internship and residency at Columbia-Presbyterian Medical Center. He went on to complete a pediatric orthopaedic fellowship at Children's Hospital Los Angeles and a fellowship in orthopaedic research at Columbia University. He earned a masters in medical management from USC Marshall School of Business. Dr. Skaggs is a diplomat of the American Board of Orthopaedic Surgery. Dr. Skaggs serves on the Board of Directors of the Growing Spine Foundation and the Board of Directors of the Scoliosis Research Society. He is a fellow of the American Academy of Orthopaedic Surgeons and the American Academy of Pediatrics. He is a member of the Pediatric Orthopedic Society of North America, American Orthopaedic Association, Scoliosis Research Society, Growing Spine Study Group and a honorary member of the Brazilian Pediatric Orthopaedic Society. Dr. Skaggs is renowned for his expertise in the treatment of children with spinal deformity, and has been featured on numerous television shows, published over 170 peer-reviewed articles and has authored and edited several letters, chapters and textbooks. A prolific speaker, Dr. Skaggs has presented on his area of expertise at both the national and international level. He has served as a visiting professor at many of the nation’s top medical schools.

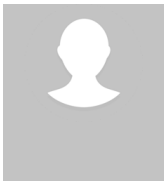
Vitale, Michael - Lecturer

MD, MPH
Ana Lucia Professor of Pediatric Orthopaedic Surgery
Co-Director, Division of Pediatric Orthopaedics
Columbia University Medical Center
Chief, Pediatric Spine and Scoliosis Service
Medical Director, MSCH Initiative to "Make Care Better"
Morgan Stanley Childrens Hospital of New York - Presbyterian
New York, New York

webb, Don - Lecturer

BS, MS
ghgh
ddd, Pennsylvania

Providing IT services to AONA for the past 31 years. Currently the IT Director with responsibility for technology on course site, in the office and on the web.



Wetjen, Nicholas - Lecturer
MD
Assistant Professor of Neurosurgery and Pediatrics
Mayo Clinic
Rochester, Minnesota

AO NA Disclaimer Information

Faculty Disclosure:
It is the policy of AO North America to abide by the Accreditation Council for Continuing Medical Education Standards for Commercial Support. Standard 2: “Disclosures Relevant to Potential Commercial Bias and Relevant Financial Relationships of Those with Control over CME Content,” requires all planners, including course directors, chairs, and faculty, involved in the development of CME content to disclose their relevant financial relationships prior to participating in the activity. Relevant financial relationships will be disclosed to the activity audience. The intent of the disclosure is not to prevent a faculty with a relevant financial or other relationship from teaching, but to provide participants with information that might be of importance to their evaluation of content. All potential conflicts of interest have been resolved prior to the commencement of this activity.

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All scientific research referred to, reported or used in this CME activity in support or justification of a patient care recommendation conforms to the generally accepted standards of experimental design, data collection and analysis.

Disclaimer:
AONA does not endorse nor promote the use of any product/device of commercial entities. Equipment used in this course is for teaching purposes only with the intent to enhance the learning experience.

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Laboratory Waiver:
To participate in this surgical skills course, you will be required to sign a waiver of liability prior to the course. In order to participate, AONA’s policy mandates that every individual must wear appropriate protective garments provided by AO NA during the lab sessions. Participants who do not sign the waiver and wear protective garments will not be allowed to participate in the laboratory sessions.

Human Anatomic Specimens:
This course will involve exposure to and contact with human anatomic specimens. These specimens are being utilized for purposes of teaching and learning and are to be treated with the utmost respect. Participants should be familiar with and understand the potential risks involved and will be required to observe all customary safety procedures.

Animal Anatomic Specimens:
This course will involve exposure to and contact with animal anatomic specimens. These specimens are being utilized for purposes of teaching and learning and are to be treated with the utmost respect. Participants should be familiar with and understand the potential risks involved and will be required to observe all customary safety procedures.

Exhibitors

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Siemens Medical Solutions USA, Inc.
Siemens Medical Solutions, Inc.

Acknowledgment

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