CMF
North America

Craniomaxillofacial Surgery: Pediatric Reconstructive Surgery

November 21, 2014 - November 22, 2014
New Orleans, Louisiana, USA

The primary difficulty with pediatric fractures is not their complexity or severity, but rather the rate of growth in children. Children can sustain severe Craniomaxillofacial injuries that require appropriate repair. The primary factors that distinguish the treatment of pediatric facial fractures are facial growth, a faster healing process, and a higher potential for remodeling. Inadequate treatment of upper and midfacial injuries may result in serious alterations of facial growth. Children's facial bones are located in a recessed position and the cranium and forehead shield the smaller lower and middle thirds of the face from injury. During the second year of life facial growth outpaces cranial growth; brain and ocular growth are almost completed by age 6 while facial growth continues into a person's 20's. This disparity in facial structure explains to some degree why young children experience more skull fractures and fewer facial fractures than adults. In children, the force necessary to cause major craniofacial disruption often results in brain injury and death.

The course is designed to equip surgeons with the skills necessary to treat and manage pediatric fractures in an ever challenging and shifting environment. Highlights of the course will include sessions on treatment options for craniofacial defects, mandibular fractures, mid and upper facial fractures, and pediatric vascular lesions.

Target Audience:

Enrollment in this Course is open to residents, fellows and attending surgeons in Oral and Maxillofacial, Otolaryngology—Head and Neck, and Plastic and Reconstructive Surgery.

Event Summary

Tuition:
Level Name: Participant - Craniomaxillofacial
Pricing Tier: Attending
Tuition: $600.00

Level Name: Participant - Craniomaxillofacial
Pricing Tier: Resident
Tuition: $300.00

Course Prerequisite(s):
No Prerequisites

Venue:
Ritz Carlton, New Orleans
921 Canal Street, New Orleans, LA 70112
New Orleans, LA, USA
Phone Number: 504 524 1331

Language(s):
English

Directly Provided by:
AO North America

Professional Level Prerequisite(s):

- Residency Year 1
- Residency Year 2
- Residency Year 3
- Residency Year 4
- Residency Year 5
- Residency Year 6
- Residency Year 7
- Residency Year 8
- Fellow
- Practicing

CME

Continuing Education Credit: 10.50

- 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 10.50 ***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:

- Describe reconstructive procedures that are most effective in correcting specific posttraumatic, tumor and congenital deformities, particularly the orbit, midface, and mandible;
- Identify the most difficult and challenging pediatric craniomaxillofacial hard and soft tissue problems and deformities;
- Recognize potential benefits of interdisciplinary treatment utilized for optimal rehabilitative treatment and restoration of craniomaxillofacial form and function;
- Discuss the latest developments in research and clinical investigation of pediatric fracture and congenital disorder management.
- Compare and contrast new techniques and technologies with well-known conservative alternatives and the rationale for each.
- Select the optimal treatment modality for pediatric fracture and congenital disorder patients.
- Describe recent basic science and technological advances used in craniomaxillofacial and reconstructive surgery.

Faculty

Hollier, Larry - Chairperson

MD, FACS, FAAP
Surgeon-in-Chief
Baron Hardy Endowed Chair
Professor of Plastic Surgery, Orthopedics and Pediatrics
Texas Children's Hospital
Chief of Plastic Surgery
Baylor College of Medicine
Houston, Texas

Dr. Hollier serves as the Surgeon in Chief of Texas Children's Hospital as well as the Chief of Plastic Surgery at the Baylor College of Medicine. The Department of Surgery at Texas Children's is the largest in the country with 140 full-time surgeons and 135 advanced practice providers. It is also the busiest clinically with over 40,000 surgeries performed in 2019 and 228,000 clinic visits. Clinically, Dr. Hollier specializes in pediatric facial reconstruction including cleft and craniofacial repair. He has also been very focused on improving the patient and family experience at Texas Children's by initiating projects such as same-day clinic appointments and surgeries and the first ever pediatric pharmacy delivery project in which families receive their child's medicines and are counseled by a pediatric pharmacist before discharge. For this work, he was named Physician of the Year for the United States in 2016 by Press Ganey. He has authored over 250 manuscripts. He serves as editor or co-editor for many scientific journals. These roles include serving as the section editor for pediatric and craniofacial surgery for the most widely read plastic surgery journal, Plastic and Reconstructive Surgery. He's also been very involved in global surgical work. He has organized numerous educational and capacity building surgical projects in Asia, South America, Africa and the Middle East. He also serves as chairman of the Medical Board of Smile Train. In that capacity, Dr. Hollier helps to supervise safety and quality in over 100,000 pediatric surgeries annually in 85 countries around the world.

Padwa, Bonnie - Co-Chairperson

DMD, MD, FACS
Associate Professor
Harvard Medical School & Harvard School of Dental Medicine
Oral Surgeon-in-Chief
Department of Plastic & Oral Surgery
Boston Children's Hospital
Boston, Massachusetts

Tollefson, Travis - Co-Chairperson

MD, MPH, FACS
Professor and Director, Facial Plastic & Reconstructive Surgery
Director, UC Davis Cleft & Craniofacial Program
Otolaryngology-Head & Neck Surgery
University of California, Davis
Sacramento, California

Travis T. Tollefson MD MPH FACS Dr. Tollefson is the proud father of Theo and JD, who have humbled him by making him take days off. He is Professor and Director of Facial Plastic & Reconstructive Surgery at the University of California Davis, where he specializes in cleft and pediatric craniofacial care, facial reconstruction and facial trauma care. -His interest in the emerging field of Global Surgery and improving surgical access in low-resource countries led him to complete an MPH at the Harvard School of Public Health. He helps lead the CMF arm of the AO-Alliance.org, whose goal is to instill AO principles in facial injuries in low resource settings. -His current research is focuses on clinical outcomes of patients with cleft lip-palate, facial trauma education in Africa, patterns of mandible fracture care, and patient reported outcomes in facial paralysis surgeries. He coedited, Complete Cleft Care, an evidence-based textbook on team management of cleft lip-palate. He serves as his department's Director of Wellness and Mentoring, co-director of the UC Davis Cleft Team. He serves on the Board of Directors of the American Board of Otolaryngology-Head and Neck Surgery, American Academy of Facial Plastic Surgery,and is the Editor-In-Chief for Facial Plastic Surgery and Aesthetic Medicine journal (formerly JAMA - Facial Plastic Surgery).

Kriet, J. David - Director

MD, FACS
Professor
Director, Facial Plastic & Reconstructive Surgery
Department of Otolaryngology - Head and Neck Surgery
The University of Kansas Health System
Kansas City, Kansas

Facial plastic surgeon, J. David Kriet's dedication to his art has helped improve the lives of countless patients. Since 1998, he has practiced in the University of Kansas Department of Otolaryngology as professor and Director of the Division of Facial Plastic and Reconstructive Surgery. As a leader among facial plastic surgeons, Dr. Kriet possesses an exceptional commitment to both his field and his patients. His involvement throughout the medical community is a testimony to his devotion and prowess in the specialty of facial plastic surgery. He has also written numerous articles on a variety of topics within facial plastic surgery. Dr. Kriet is a reviewer for the medical journal Archives of Facial Plastic Surgery and a member of the eMedicine online journal's facial plastic surgery editorial board. Dr. Kriet also takes the time to educate the public about health concerns and facial plastic surgery. He leads a series of wellness seminars entitled "The Timeless Face," sponsored by the University of Kansas Medical Center. These comprehensive seminars provide tips on preventing and reversing sun damage, teach participants the common warning signs of skin cancer, and offer the most current advice on cosmetic facial rejuvenation procedures. Dr. Kriet's popular seminars provide the public with information that can have a tremendous impact on health and appearance. Dr. Kriet makes medical mission work an important part of his life. During a 12-day trip to Nepal, he performed cleft lip surgeries and taught Nepalese physicians new rhinoplasty techniques. He also trekked to remote villages in the Himalayan mountains and provided much-needed medical care. Closer to home, Dr. Kriet participates in FACE TO FACE: The National Domestic Violence Project.

Borschel, Gregory - Lecturer
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Fisher, David - Lecturer
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Greene, Arin - Lecturer
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Associate Professor of Surgery
Harvard Medical School
Boston Children's Hospital
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Hopper, Richard - Lecturer
MD, MS
Medical Director, Plastic Surgery
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Professor with Tenure
Samuel Stal Endowed Chair in Plastic Surgery
Baylor College of Medicine
Houston, Texas

Dr. Richard Hopper is the Marlys C. Larson Endowed Professor in Paediatric Craniofacial Surgery at the University of Washington in Seattle. He is Chief of the Division of Craniofacial and Plastic Surgery at Seattle Children’s Hospital and Surgical Director of the Craniofacial Center, a 40 member interdisciplinary team dedicated to craniofacial care. Dr. Hopper completed his plastic surgery residency and Master of Sciences thesis at the University of Toronto, and his craniofacial fellowship at New York University Medical Center under Dr. Joseph McCarthy. His clinical practice focuses on the surgical treatment of craniosynostosis, cleft lip and palate, rare and severe birth deformities of the bones and soft tissues of the face at Seattle Children’s Hospital, with a sub-focus on subcranial distraction procedures. He also has a busy practice at Harborview Medical Center managing acute craniofacial trauma. His research interests include image based outcome studies for complex craniofacial procedures as well as device design for cleft and craniofacial care. He holds patents for a novel device to mold the nose deformity in patients born with cleft lip, and an image recording cleft palate retractor system. Dr. Hopper is currently the President of the International Society of Craniofacial Surgery (ISCFS), and is past President of the American Society for Craniofacial Surgery (ASCFS). He serves on the SmileTrain Global Medical Advisory Board, and is co-sponsor of the Partners in African Cleft Team Training (PACT) program that has worked with African cleft teams in Ghana, Nigeria and Ethiopia since 2008 to increase Sub-Saharan capacity for sustainable care of patients with cleft lip and palate.

Khechoyan, David - Lecturer
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Assistant Professor
Texas Children's Hospital
Michael E. Debakey Department of Surgery
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Houston, Texas

Lee, Janice - Lecturer
DDS, MD, FACS
Clinical Director
NIDCR
NIH
Bethesda, Maryland

Janice Lee is the Clinical Director of the National Institute of Dental and Craniofacial Research (NIDCR) of the National Institutes of Health (NIH), and Chief of the Craniofacial Anomalies and Regeneration Section (NIDCR). Dr. Lee received her graduate education at the University of California, Los Angeles (DDS and MS) and Harvard Medical School (MD). Her residency training in oral & maxillofacial surgery was completed at the Massachusetts General Hospital and she completed a clinical research fellowship in craniofacial and skeletal biology at the NIDCR. She was a Professor of Oral & Maxillofacial Surgery and the Vice Chair of the Department of Oral & Maxillofacial Surgery at University of California, San Francisco (UCSF) prior to becoming the Clinical Director at the NIDCR. Her clinical practice includes craniofacial anomalies and rare diseases, and orthognathic reconstructive surgery. Her research program focuses on craniofacial abnormalities of skeletal growth. Lee's research team is developing a phenomic and genomic database that includes deep clinical phenotyping, 3D cone-beam computed tomography, 3D surface imaging, facial biomechanical testing that is coupled with genetic sequencing. The goal is to further understand development and etiology of craniofacial and dentofacial disorders, and to predict facial growth. In her current role, Lee oversees the NIDCR Clinical and Translational Research Program, directs the clinical research and regulatory support for all NIDCR clinical faculty, and co-directs the Clinical Research Fellowship program.

Richter, Gresham - Lecturer
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Sidman, James - Lecturer
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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.

Off-Label / Experimental Discussions:
Some medical devices used for teaching purposes and/or discussed in AO North America’s educational activities may have been cleared by the FDA for specific uses only or may not yet be approved for any purpose. Faculty may discuss off-label, investigational, or experimental uses of products/devices in CME certified educational activities. Faculty have been advised that all recommendations involving clinical medicine in this CME activity are based on evidence that is accepted within the profession of medicine as adequate justification for their indications and contraindications in the care of patients.

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.

USE THE BELOW TEXT FOR DIDACTIC COURSES ONLY!

The opinions or views expressed in this live continuing medical education activity are those of the faculty and do not necessarily reflect the opinions or recommendations of
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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.

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