CMF
North America

Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction

November 9, 2013 - November 10, 2013
Salt Lake City, Utah, USA

Course Description/ Statement of Need:

Residents in the CMF Specialties may lack adequate training or experience to treat specific trauma to the head and face. The CMF surgeon's main goal during the diagnosis and treatment of trauma to the head and face is to restore patients to their pre-injury state. The diagnosis and treatment of traumatic injuries to the craniomaxillofacial region sometimes presents a difficult problem requiring a multidisciplinary approach. Management of these injuries often require rigid internal fixation that adheres to the AO philosophy for fracture care.

The principles courses are designed to equip surgeons with the state-of-the-art skills and techniques for treating and managing CMF fractures from trauma, as well as congenital defects, secondary correction of injuries and aesthetic reconstruction. Highlights of the course will include sessions on anatomy, biomechanics, surgical approaches and principles of internal fixation of the mandible and midface.

Experts in the field of CMF Surgery will compare and contrast current methods and provide indications for the use of these techniques. The program will include didactic sessions, practical exercises and small group discussions (SGD). These SGD compliment both the lectures and the practical exercises by discussing the four AO Principles of Fracture Fixation:

- Anatomic Reduction of the fracture fragments, particularly joint fractures;
- Stable fixation to ensure proper healing of the fracture allowing surrounding tissue to move and strengthen;
- Atraumatic surgical technique to preserve blood supply to the bone fragments and soft tissue; and
- Early, pain free mobilization returning the patient to function as soon as possible

Target Audience:

Enrollment is open to both practicing surgeons and surgeons in training in the fields of Oral and Maxillofacial Surgery, Otolaryngology, Plastic and Reconstruction, Ophthalmology, and Oculoplastics.

Event Summary

Tuition:
Level Name: Participant - Craniomaxillofacial
Pricing Tier: Resident
Tuition: $0.00

Level Name: Participant - Craniomaxillofacial
Pricing Tier: Attending
Tuition: $0.00

Course Prerequisite(s):
No Prerequisites

Venue:
Sheraton Salt Lake City Hotel

Phone Number: (801) 401-2000

Language(s):
English

Directly Provided by:
AO North America

Professional Level Prerequisite(s):
No Prerequisites

CME

Continuing Education Credit: 13.00

- 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 13.00 ***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 the principles of stable internal fixation as outlined by the AO;
- Define the biological and mechanical aspects of fracture healing;
- Discuss the problems, complications and intraoperative difficulties that can result from internal fixation;
- Explain preoperative planning methods and how this may affect the management of these fractures
- Apply the psychomotor skills developed in the practical exercises into surgical practice

Faculty

MacLeod, Stephen - Chairperson

BDS, MBChB, FDSRCS, FRCS, FACS, FFST
Professor
Chief, Oral and Maxillofacial Surgery and Dental Medicine
Program Director
Oral and Maxillofacial Surgery Residency
Loyola University
Maywood, Illinois

Stephen MacLeod BDS, MB ChB, FDS RCS (ED&ENG), FRCS (ED), FFST RCS (ED), FACS,FFST Stephen MacLeod is the Chief of Oral & Maxillofacial Surgery and Dental Medicine and Program Director of the Oral and Maxillofacial Surgery Residency Program at Loyola University Medical Center Dr. MacLeod is a graduate of the University of Dundee School of Dentistry. His medical degree is from the University of Aberdeen in Scotland. Dr MacLeod completed his training in oral and maxillofacial surgery in Scotland and was an AO Fellow at the University of Louisville. Dr. MacLeod has been actively involved in research, postgraduate training and education. He has multiple publications and has presented his original research at both national and international meetings. Dr. MacLeod practices full-scope oral and maxillofacial surgery. His clinical interests are reconstructive surgery, maxillofacial trauma, and benign bone pathology. He is particularly involved in faculty development and training in non-technical skills for surgeons.

Birgfeld, Craig - Co-Chairperson

MD, FACS
University of Washington
Craniofacial Fellowship Director, Seattle Children's Hospital
Associate Professor, Seattle Children's Hospital
Seattle, Washington

Dr. Birgfeld grew up in Littleton Colorado where he played football and was an Academic All-American swimmer. He went on to the College of William and Mary where he became the president of his fraternity, the captain of his swim team and held a number of school records. After 2 years of research, he matriculated to the Medical College of Virginia where he met Dr. Isaac Wornom, a craniofacial and pediatric plastic surgeon. The experience of treating patients with craniofacial conditions while in medical school, led Craig to the University of Pennsylvania and the Children's Hospital of Philadelphia (CHOP), where he learned from world experts in craniofacial surgery. This surgical training led to Seattle, where Dr. Birgfeld spent a year fellowship with Dr.'s Gruss and Hopper learning the techniques of craniofacial surgery. After fellowship, Dr. Birgfeld was offered a faculty position at the University of Washington and Seattle Children's Hospital and moved his family to Seattle where he has practiced since 2007. Here in Seattle, he enjoys hiking, biking and skiing with his wife, son and twin daughters and can often be found cheering on his kids at their own local swim meets.

Mobley, Steven - Co-Chairperson

MD
Mobley MD Facial Plastic Surgery, PLLC
Director, Utah Center for Better Nasal Breathing
Adjunct Associate Professor
Division of Otolaryngology
University of Utah
Salt Lake City, Utah

Herford, Alan - Director

DDS, MD, FACS
Professor and Chair
Department of Oral & Maxillofacial Surgery
Loma Linda University School of Dentistry
Loma Linda, California

Dr. Herford is currently Professor and Chair of the Department of Oral and Maxillofacial Surgery at Loma Linda University. Dr. Herford completed an Oral and Maxillofacial Surgery residency training program at Parkland Hospital in Dallas Texas. He serves on numerous committees and Boards. He is a Fellow of the American Association of Oral and Maxillofacial Surgeons as well as the American College of Surgeons. He recently served on the Board of Directors for the American Board of Oral and Maxillofacial Surgery (ABOMS). He is a past president of the ABOMS, CALAOMS, and the North American Craniomaxillofacial Trauma Education Board (NACMF). Dr Herford is currently serving on the Board of Directors for the AONA. Dr. Herford has a strong interest in utilizing technology in treating trauma and orthognathic patients.

Akama, Mathew - Lecturer

MDS
Dr
Department of Oral and Maxillofacial Surgery
University of Nairobi
Nairobi

Blanchaert, Remy - Lecturer
MD, DDS
Dr
Wichita, Kansas

Deleyiannis, Frederic - Lecturer
MD, MPhil, MPH, FACS
Dr
UCHealth Memorial Hospital
Colorado Springs, Colorado

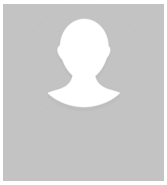
Dr. Deleyiannis is a graduate of the University of Pennsylvania, Yale University School of Medicine, and the University of Cambridge in England. He is board certified in both Otolaryngology (Residency: University of Washington) and Plastic Surgery (Residency: University of Pittsburgh). As a former Professor of Plastic Surgery and Otolaryngology at the University of Colorado, his practice was devoted to facial and head and neck reconstruction, cleft surgery, and microvascular surgery. Presently, in Colorado Springs Dr. Deleyiannis' practice continues to focus on complex craniofacial reconstruction, facial trauma, and microvascular surgery of the head and neck, extremities, and breast / trunk. His pediatric and international health practice, focused on microtia, is now fully supported by the John Lester Foundation.

Durairaj, Vikram - Lecturer
MD, FACS
Texas Oculoplastic Consultants
Austin, Texas

Glasgow, Mark - Lecturer
DDS
Denver Health Medical Center
Division Chief and Residency Program Director
Oral and Maxillofacial Surgery Division
Department of Surgery
Assistant Professor
University of Colorado School of Dental Medicine
Denver, Colorado

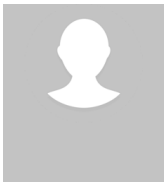
Harvey, Alan - Lecturer
DMD
Clinical Associate of Otolaryngology - Head & Neck Surgery
Director of Oral & Maxillofacial Surgery Trauma
The University of Chicago Medicine
Chicago, Illinois

Pearson, Gregory - Lecturer
MD
Professor Clinical
Program Director
Department of Plastic and Reconstructive Surgery
The Ohio State University
Director, Center for Complex Craniofacial Disorders
Nationwide Children's Hospital
Columbus, Ohio



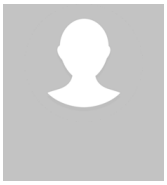
Reid, Russell - Lecturer
MD, PhD
Professor of Surgery and Pediatrics
Bernard Sarnat Scholar of Craniofacial Research
Director of Cleft and Craniofacial Services
Residency Program Director
Section of Plastic Surgery
University of Chicago
Chicago, Illinois

Russell R. Reid, MD, PhD, is a highly skilled, craniofacial fellowship-trained and board certified plastic surgeon. He has particular expertise in surgery of the skull and face, including the orbit, jaw and palate. Dr. Reid has spent over 18 years focusing his practice to the treatment of children and adults with jaw deformities and uses cutting-edge technologies in orthognathic surgery, craniofacial distraction, and TMJ reconstruction to solve the most difficult cases. Dr. Reid's research interests include the regeneration of bone for the repair of complex craniofacial defects, the biology of skull and facial sutures, and genetic expression in craniofacial development. He also studies bone substitutes and the survival of bone-cartilage grafts.



Siddiqi, Faizi - Table Instructor
MD, FACS
Chief, Craniofacial Surgery/Pediatric Plastic Surgery
Division of Plastic and Reconstructive Surgery
University of Utah
Salt Lake City, Utah

Stack, Brendan - Lecturer
MD, FACS, FACE
Professor and Chairman
Otolaryngology-Head and Neck Surgery
Southern Illinois University
School of Medicine
Springfield, Illinois



Ward, Preston - Lecturer
MD, MS
Assistant Professor
Facial Plastic and Reconstructive Surgery
Division of Otolaryngology--Head and Neck Surgery
University of Utah School of Medicine
Salt Lake City, Utah

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
AO North America or any commercial supporter. The certificate provided pertains only to the participants’ completion of the course.

Conflict of Interest Resolution Statement:
When individuals in a position to control or influence the development of the content have reported financial relationships with one or more commercial interests, AO North America utilizes a process to identify and resolve potential conflicts to ensure that the content presented is free of commercial bias.

Liability Statement:
AO North America faculty and staff assume no personal liability for the techniques or the use of any equipment and accessories used for teaching purposes in the laboratory. The certificate provided pertains only to the participants’ completion of the course and does not, in any way, attest to the proficiency of the participants’ clinical experience.

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.

Acknowledgment

In-Kind Support
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Educational Grant
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