AOCMF NORTH AMERICA

AOCMF NA Management of Facial Trauma

May 5, 2018 - May 6, 2018
Denver, CO, USA

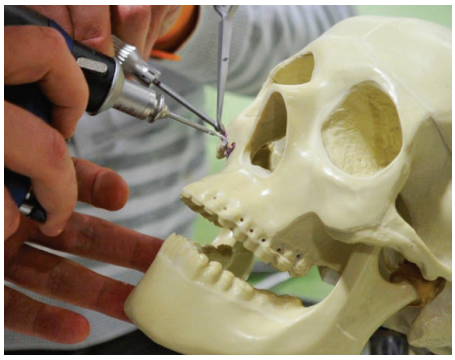
Statement of Need
Residents in the CMF Specialties may lack adequate training or experience to treat specific trauma to the head and face. The CMF surgeon's main goal during the diagnosis and treatment of trauma to the head and face is to restore patients to their pre-injury state. The diagnosis and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

The ***Management of Facial Trauma*** course is 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 modular course format will focus on the craniomaxillofacial patient in a conceptual case study and practical exercise format. Participants in small groups will rotate through each module over the two day course.

These modules 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
– Early, pain free mobilization returning the patient to function as soon as possible

Target Audience
This course is primarily designed for surgeons in training in the fields of Oral and Maxillofacial Surgery, Otolaryngology, Plastics and Reconstruction, Ophthalmology and Oculoplastics. Practicing surgeons may also find this course beneficial.



Event Summary

Tuition:
Level Name: Participant - CMF
Pricing Tier: Resident
Tuition: $195.00

Level Name: Participant - CMF
Pricing Tier: Attending
Tuition: $195.00

Course Prerequisite(s):
No Prerequisites

Venue:
Doubletree Denver Tech Center
7801 E. Orchard Road
Greenwood Village, Colorado, USA
Phone Number: 303-779-6161

Please Note: This course is available to physicians only.

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
- Attending
- Fellow

CME

Continuing Education Credit: 13.25

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

  AONA has been resurveyed by the Accreditation Council for Continuing Medical Education (ACCME) and awarded Accreditation with Commendation.

  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 13.25 ***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)

Learner Objectives

Upon completion, participants should be able to:

- Diagnose facial injury through history, physical examination, and diagnostic investigations
- Formulate a treatment plan (operative and non-operative)
- Perform the specific treatment for facial trauma
- Modify the treatment plan when necessary
- Manage patient follow-up and rehabilitation
- Identify and manage complications

Faculty

Blanchaert, Remy - Chairperson
MD, DDS
Oral & Maxillofacial Surgery Associates
Wichita, KS

Luu, Quang - Co-Chairperson
MD
Head and Neck Oncology
Head and Neck Associates of Orange County
Irvine, CA

Singh, Davinder - Co-Chairperson
MD, FACS
Chief, Division of Plastic Surgery
Phoenix Children's Hospital
Attending Surgeon, Barrow Cleft and Craniofacial Center
Barrow Neurological Institute
Assistant Professor of Plastic Surgery
Mayo School of Medicine
Phoenix, AZ

Davinder J. Singh, MD, FACS, serves as Chief of the Division of Plastic Surgery at Phoenix Children's Hospital. Dr. Singh opened her clinical practice in Phoenix in 2006 after three years in practice at the Children's Hospital of Philadelphia and the Hospital of the University of Pennsylvania. Dr. Singh received her Bachelor of Arts degree from Yale University and her medical degree from Columbia University College of Physicians and Surgeons. She received her postgraduate training in General Surgery from Columbia University and in Plastic Surgery from the University of Pennsylvania. Following residency, Dr. Singh completed a fellowship in Craniofacial Surgery at the Children's Hospital of Philadelphia and the University of Pennsylvania. During her fellowship, she obtained advanced training in management of cleft lip and palate, craniosynostosis, facial and jaw anomalies, craniomaxillofacial trauma, hemifacial microsomia, microtia, and vascular anomalies. Following fellowship, she received additional training in orthognathic surgery and distraction osteogenesis of the facial skeleton with the Craniofacial Center in Mexico City. She then joined the faculty at the Children's Hospital of Philadelphia and the Hospital of the University of Pennsylvania. Dr. Singh is certified by the American Board of Plastic Surgery and is a Fellow of the American College of Surgeons. She specializes in craniofacial surgery of infants and children and serves as a Craniofacial Plastic Surgeon at the Barrow Cleft and Craniofacial Center. She has held academic positions including Assistant Professor of Surgery at the University of Pennsylvania, School of Medicine and Assistant Professor of Surgery at the Mayo School of Medicine. She is a member of American Society of Plastic Surgeons, American Association of Plastic Surgeons, American Cleft Palate-Craniofacial Association, International Society of Craniofacial Surgeons, American Society of Craniofacial Surgeons, American College of Surgeons, and American Society of Maxillofacial Surgeons, and is a faculty member of the AO-North American Craniomaxillofacial Organization. She serves as an Associate Editor for the Cleft Palate-Craniofacial Journal and is on the Executive Council of the American Society of Craniofacial Surgeons. Additionally, Dr. Singh is involved in research, publication, and teaching. Her research relates to the management of craniosynostosis and her peer-reviewed research publications include studies on minimizing blood loss in craniosynostosis surgery, pediatric cranioplasty, congenital mandibular hypoplasia, nasal reconstruction, pediatric craniofacial fractures, and squamosal synostosis. Her research interests include development of a multidisciplinary computerized craniofacial database, outcome measures in craniosynostosis surgery, late onset craniosynostosis and speech outcomes in patients with hemifacial microsomia. The Mayo Plastic Surgery Residents rotate with Dr. Singh at Phoenix Children's for their pediatric cleft and craniofacial training. She also serves as a mentor for University of Arizona and Creighton University Medical students.

MacLeod, Stephen - Director
BDS, MBChB, FDSRCS, FRCS, FACS, FFST
Joseph R. and Louise Ada Jarabak Professor
Chief, Oral and Maxillofacial Surgery and Dental Medicine
Program Director
Oral and Maxillofacial Surgery Residency
Loyola University
Maywood, IL

Stephen MacLeod BDS, MB ChB, FDS RCS (ED&ENG), FRCS (ED), FFST RCS (ED), FACS 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.

Birgfeld, Craig - Lecturer
MD, FACS
Associate Professor
University of Washington
Crainofacial Fellowship Director, Seattle Children's Hospital
Asspciate Professor, Seattle Children's Hospital
Seattle, WA

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.

Coletti, Domenick - Lecturer

DDS, MD, FACS
Central Maryland Oral & Maxillofacial Surgery
Johns Hopkins/ Howard County General Hospital
Columbia, MD

Dr. Coletti is a partner of Central Maryland Oral and Maxillofacial Surgery P.A., and is the former Division Chief and Associate Professor from The University of Maryland department of oral and maxillofacial surgery, R. Adams Cowley Shock Trauma Center. Dr. Coletti is a nationally recognized surgeon for his clinical and academic performance, and is one of only 60 national oral and maxillofacial surgeons inducted into the prestigious American College of Surgeons. He is presently on medical staff at Howard County General Hospital, a Johns Hopkins University affiliate. Dr. Coletti completed his dental training at the Medical College of Virginia School of Dentistry, following which he completed his medical training at the University of Maryland School of Medicine. He then completed his surgical training in Oral and Maxillofacial Surgery at the University of Maryland, R. Adams Cowley Shock Trauma Center. After completing his training he became a full time faculty member at the University of Maryland, and was promoted to an Associate Professor and Division Chief, he also served as the Chief of Maxillofacial Trauma at Sinai Hospital, Baltimore. During this time Dr. Coletti trained undergraduate dental and medical students, as well as oral and maxillofacial surgery residents. Dr. Coletti is also trained in microvascular free tissue transfer to reconstruct complex maxillofacial defects from head and neck cancer, and facial trauma. During his academic appointment Dr. Coletti was responsible for training many of the head and neck surgery fellows in this discipline. In 2005 Dr. Coletti received the AAOMS Faculty Development and Educator Award, a national award which is given to a professor who has displayed a high standard of excellence in clinical and academic performance. Dr. Coletti has published numerous peer review journal articles and book chapters, and is also an article reviewer. He had also been active with many funded research grants for the department of bioengineering at the University of Maryland, were he had an adjunct academic appointment. Dr. Coletti has also been an invited speaker at numerous national and international conferences to lecture on different aspects of the specialty. Dr. Coletti practices the full scope of surgery within his specialty, and performs the following procedures: placement of dental implants, removal of impacted wisdom teeth, treatment of complex facial trauma, orthognathic (corrective jaw) surgery, treatment of maxillofacial pathology (tumors), complex reconstructive facial surgery including microvascular free tissue transfer, nerve repair, TMJ surgery, treatment of head and neck infections, and surgical treatment of obstructive sleep apnea.

Cordero, Joehassin - Lecturer

MD, FACS
Professor, Chairman & Program Director
Department of Otolaryngology - Head & Neck Surgery
Texas Tech University Health Sciences Center
Lubbock, TX

Deleyiannis, Frederic - Lecturer

MD, MPhil, MPH, FACS
Plastic Surgery Practice Leader, UCHealth Medical Group
UCHealth Memorial Hospital
Colorado Springs, CO

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.

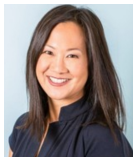
Glasgow, Mark - Lecturer

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, CO

Jones, Lamont - Lecturer

MD, MBA
Vice Chair
Department of Otolaryngology, Head and Neck Surgery
Henry Ford Health System
Facial Plastic and Reconstructive Surgery
Director Cleft and Crainiofacial Clinic
Detroit, MI

Lamont R Jones, MD, MBA, received his MD and otolaryngology training from the University of Michigan. He completed a Facial Plastic and Craniofacial Reconstructive Surgery fellowship at SUNY Upstate Medical University and an MBA from Michigan State University. Dr. Jones is Vice Chair and Director of the Cleft and Craniofacial Clinic in the Department of Otolaryngology Head and Neck Surgery, Henry Ford Hospital. His clinical and research interests include facial cosmetics, facial trauma and reconstruction, anterior skull base, cleft and craniofacial disorders and molecular parthenogenesis and treatment of keloids. Dr. Jones has lectured nationally and internationally and authored peer reviewed journal articles and book chapters.



Kuang, Anna - Lecturer

MD, FACS
Clinical Associate Professor
Division of Plastic Surgery
Keck School of Medicine of USC
Los Angeles, CA

Liddell, Aaron - Lecturer

MD, DMD, FACS
Colorado Oral and Maxillofacial Surgery
400 S. Colorado Blvd
Suite 450
Denver, CO

Dr. Liddell Practices oral and maxillofacial surgery in Denver, Colorado. He is the medical director of a multi-specialty trauma group, covering six trauma centers in the Metro-Denver region. His clinical interests include facial trauma reconstruction, correction of dentofacial deformities, and temporomandibular joint reconstruction.

Seth, Rahul - Lecturer
MD, FACS
Assistant Professor
Department of Otolaryngology- Head and Neck Surgery
University of California San Francisco
San Francisco, CA

Completed residency at the Cleveland Clinic and fellowship in Facial Plastic and Reconstructive Surgery at the University of California San Francisco. Clinical practice and full time faculty at the University of California San Francisco. Clinical focus on head and neck cancer reconstructive surgery, including local and microvascular free flaps, skin cancer reconstruction, restoration of function after facial paralysis, facial trauma surgery, functional and cosmetic rhinoplasty, facial feminization surgery, and aesthetic surgery of the face.

Agenda

Day1

Saturday, May 05, 2018 - 07:00 - 17:05 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
08:00 - 08:10	COURSE OPENING			
08:00 - 08:10	Welcome and Introduction	Blanchaert, R		
08:10 - 11:50	MID & UPPER FACIAL TRAUMA	Blanchaert, R		
08:10 - 08:20	Surgical Approaches to the Maxilla and Upper Facial Skeleton		Deleyiannis, F	
08:20 - 08:30	Reestablishing Pretraumatic Occlusion		Glasgow, M	
08:30 - 08:40	Maxillary Fractures (Buttresses, Le Fort, Palatal Fractures)		Birgfeld, C	
08:40 - 08:50	Zygomatic Fractures (Include Orbital-Zygomatic Fractures)		Coletti, D	
08:50 - 09:00	Orbital Fractures		Kuang, A	
09:00 - 09:15	Coffee Break / Travel to Small Group Discussions			
09:15 - 11:15	SESSION A: SMALL GROUP DISCUSSION (Cases: Zygomatic, Orbit, Zygoma and Orbit, Le Fort Fractures); Summary, Q & A			
11:15 - 11:20	Travel to Lecture Hall			
11:20 - 11:30	NOE (Including Nasal Fractures)		Luu, Q	
11:30 - 11:40	Frontal Sinus Fractures		Jones, L	
11:40 - 11:50	Sequencing Panfacial Fractures		Blanchaert, R	
11:50 - 12:50	Lunch			
12:50 - 17:05	MID & UPPER FACIAL TRAUMA (continued)			
12:50 - 14:20	PRACTICAL EXERCISE 1: Complex Midface Fractures			
14:20 - 14:25	Travel to Lecture Hall			
14:25 - 14:35	Pediatric Injuries		Singh, D	
14:35 - 14:45	AOCMF - What is in it for you? (Membership Benefits, Offerings)		MacLeod, S	
14:45 - 15:00	Coffee Break/ Travel to Small Group Discussions			
15:00 - 17:05	SESSION B: SMALL GROUP DISCUSSION (Cases: NOE, Nasal, Frontal Sinus); Summary, Q & A			

Day2

Sunday, May 06, 2018 - 07:30 - 14:00 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
07:30 - 14:00	MANDIBULAR TRAUMA	Luu, Q		
07:30 - 07:40	Surgical Approaches to the Mandible		Seth, R	
07:40 - 07:50	Mandibular Fractures: Load Sharing and Load Bearing		Cordero, J	
07:50 - 08:00	Condylar Fractures		Liddell, A	
08:00 - 08:05	Travel to Lab			
08:05 - 09:35	PRACTICAL EXERCISE 2: Load Sharing Mandibular Fractures	Luu, Q		
09:35 - 09:50	Coffee Break / Travel to Small Groups			
09:50 - 11:10	SESSION C: SMALL GROUP DISCUSSION (Cases: Load Sharing, Tooth in the Line of Fracture, Sequencing, Condyle)			
11:10 - 11:15	Travel to Lab			
11:15 - 12:15	PRACTICAL EXERCISE 3: Fractures of the Complicated Mandible	Blanchaert, R		
12:15 - 12:25	Pick up Box Lunches / Travel to Small Group Discussions			
12:25 - 14:00	SESSION D: SMALL GROUP DISCUSSION (Cases: Load Bearing): Summary, Q & A			

AONA 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:
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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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Acknowledgment

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