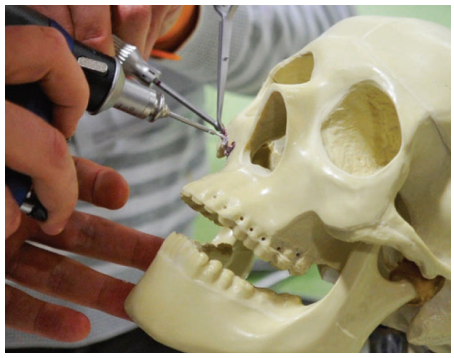
AO CMF NA Course—Management of Facial Trauma

November 21, 2020 - November 22, 2020
Baltimore, Maryland, USA



The ***Management of Facial Trauma*** course is designed for residents and fellows. This course emphasizes proven evidence-based clinical approaches to correct craniomaxillofacial injuries or defects and establish aesthetic outcomes.

Central to this course are the four (4) guiding AO Principles of Fracture Fixation:

1. Anatomic reduction of the fracture fragments, particularly joint fractures

2. Stable fixation to ensure proper healing of the fracture allowing surrounding tissue to move and strengthen

3. Atraumatic surgical technique to preserve blood supply to the bone fragments and soft tissue

4. Early, pain free mobilization returning the patient to function as soon as possible

AO CMF faculty teaching these courses are recognized national experts who are academic-based clinicians from leading universities and hospitals in North America representing all the disciplines involved in craniomaxillofacial surgery.

The MFT course is constructed in a modular format that focuses on the craniomaxillofacial patient through:

- Brief didactic lectures

- Multiple interactive, clinical case-based small group discussion breakouts

- Several hands-on practical exercises utilizing plastic bone models

Other curricular highlights include sessions on anatomy, biomechanics, multiple surgical approaches and principles of internal fixation of the mandible and midface.

All AO CMF North America resident courses are developed and are consistent with the Accreditation Council for Graduate Medical Education (ACGME) competencies and specialty specific Milestones program.

Target Audience

This course is designed for surgeons in training in the fields of Oral and Maxillofacial Surgery, Otolaryngology, Plastics and Reconstruction, Ophthalmology and Oculoplastics. Some 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:
Hilton Baltimore Inner Harbor
401 West Pratt Street
Baltimore, MD, USA
Phone Number: 445-573-8700
http://www3.hilton.com/en/hotels/maryland/hilton-baltimore-BWICCHH/index.html

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: 13.25

- 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 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)

Learning Objectives

Upon completion, participants should be able to:

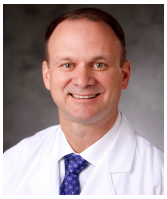
- Diagnose facial injury through history, physical examination, and diagnostic investigations
- Formulate a treatment plan (operative and non-operative)
- Perform the specific treatment for facial trauma
- Modify the treatment plan when necessary
- Manage patient follow-up and rehabilitation
- Identify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

Faculty

Butts, Sydney - Chairperson

MD, FACS
Associate Professor and Interim Chair
Chief, Division of Facial Plastic and Reconstructive Surgery
Department of Otolaryngology
SUNY Downstate Health Sciences University
Brooklyn, New York

Sydney C. Butts, MD serves as the chief of the Division of Facial Plastic and Reconstructive Surgery at University Hospital Brooklyn/SUNY Downstate and Kings County Hospital Center a position she has held since August 2009. She is currently the Interim Chair of the Department of Otolaryngology at SUNY Downstate and an Associate Professor of Otolaryngology at SUNY Downstate. She earned her medical degree at the Yale University School of Medicine graduating cum laude. Dr. Butts completed a residency in otolaryngology at the Albert Einstein College of Medicine/Montefiore Medical Center followed by fellowship training in facial plastic and reconstructive surgery at SUNY Upstate Medical University in Syracuse. She is Board certified in otolaryngology and is a diplomate of the American Board of Facial Plastic and Reconstructive Surgery. Dr. Butts' clinical focus includes the management of cleft lip and palate anomalies, adult and pediatric maxillofacial trauma, local/regional flap surgery especially in skin cancer patients, rhinoplasty and the management of other soft tissue lesions that require a reconstructive approach, having lectured nationally and internationally on these topics. She is a member of the, American Academy of Otolaryngology-Head and Neck Surgery, American Cleft Palate-Craniofacial Association and the American Academy of Facial Plastic and Reconstructive Surgery (AAFPRS). She has also served on international humanitarian surgical missions in Asia and Africa.



Powers, David - Co-Chairperson

MD, DMD, FACS, FRCS(Ed)
Professor of Surgery
Director, Duke Craniomaxillofacial Trauma Program
Fellowship Director, Craniomaxillofacial Trauma and Reconstructive Surgery
Vice Chair and Chief of Oral & Maxillofacial Surgery
Division of Plastic, Maxillofacial and Oral Surgery
Duke University Medical Center
Durham, North Carolina

Dr. Powers surgical experience in facial trauma was attained during a military career highlighted by the acute management of ballistic and other injuries of warfare, as well as performing secondary and tertiary facial reconstructive surgery during various staff assignments at Wilford Hall USAF Medical Center, the National Naval Medical Center – Bethesda and the R Adams Cowley Shock Trauma Center in Baltimore, Maryland. He lectures and has published extensively on the management of ballistic injuries to the craniomaxillofacial skeleton, comprehensive reconstruction techniques, and the use of computer-aided surgical planning and patient-specific implants for anatomic rehabilitation after catastrophic injuries. He serves as the Director of the Duke University Medical Center Craniomaxillofacial Trauma Program, as well as the Director of Duke's Craniomaxillofacial Trauma and Reconstructive Surgery Fellowship training program.

Sullivan, Stephen - Co-Chairperson

MD, MPH, FACS
Associate Professor of Surgery
Harvard Medical School
Mount Auburn Hospital
Cambridge, Massachusetts

Lettieri, Salvatore - Director

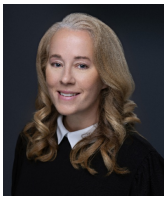
MD, FACS
Division of Plastic and Reconstructive Surgery
Department of Neurosurgery
Department of Otolaryngology
Mayo Clinic
Phoenix, Arizona

Salvatore Lettieri is the Chair Emeritus of Plastic Surgery at Valleywise Medical Center in Phoenix Arizona. As a Mayo Clinic Faculty member, he serves this role as a joint venture between the Mayo Clinic and Valleywise Medical Center. In this role, he provides the education for the Plastic Surgery Residents form Mayo Clinic Rochester and Arizona as well as the ENT Residents from Mayo Arizona. This allows Dr. Lettieri to concentrate on facial trauma and extremity salvage in addition to burn reconstruction and skull base surgery which provides a complementary experience for the residents. Doctor Lettieri is a graduate of the Wake Forest University Bowman Gray School of Medicine. This was followed by General Surgery and Plastic Surgery Residencies at the Mayo Clinic Rochester and Craniofacial and Microsurgery Fellowships at Johns Hopkins University and the Maryland Shock Trauma Center. He currently serves on the AONA Education Board and has been actively involved in courses both nationally and internationally.

Amin, Dina - Lecturer

DDS, FACS
Associate Professor
Residency Program Director
Department of Oral and Maxillofacial Surgery
University of Rochester
Rochester, New York

Dr. Dina Amin is an Associate Professor and the Residency Program Director in the Department of Oral and Maxillofacial Surgery at the University of Rochester, Rochester, NY. She specializes in head and neck oncology and microvascular reconstructive surgery. She graduated from King Abdulaziz University, the only internationally accredited dental school by the Commission on Dental Accreditation (CODA). She completed an Oral and Maxillofacial Surgery residency in Saudi Arabia, followed by fellowships in craniofacial surgery, head and neck oncology, and microvascular reconstructive surgery at the University of Alabama at Birmingham (UAB), Birmingham, Alabama, US. Dr. Amin joined the Emory Division of Oral and Maxillofacial Surgery (OMS) in 2016 as the director of the OMS Ambulatory Clinic. In 2021, she was appointed the associate chief of OMS service at Grady Memorial Hospital, Atlanta, GA. Dr. Amin is accredited with introducing head and neck oncology and microvascular reconstruction, utilizing computer-assisted surgery and computer-assisted navigation to complex craniomaxillofacial trauma and advanced head and neck reconstruction to the clinical services of Emory OMS. Dr. Amin worked briefly at Texas A&M University and Baylor Medical Center before joining the University of Rochester. Her primary research evolved from her interests in craniomaxillofacial trauma and head and neck reconstruction, as she is the PI of an orbital trauma clinical trial. Dr. Amin has received intramural and international grants. She is the author of more than 30 articles in peer-reviewed journals and 15 book chapters and edited one book entitled "Pitfalls and Pearls in Oral and Maxillofacial Surgery."



Latham, Kerry - Lecturer

MD, FACS
Plastic Surgeons of Alaska
Associate Professor of Surgery and Pediatrics - USUHS
Anchorage, Alaska

Dr. Kerry Latham is a Craniofacial Plastic surgeon in Anchorage Alaska

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Lighthall, Jessyka - Lecturer

MD, FACS
Chief, Facial Plastic & Reconstructive Surgery
Director, Facial Nerve Clinic
Medical Director, Esteem PennState Health Cosmetic Associates
Associate Professor
Department of Otolaryngology-Head & Neck Surgery
Penn State Health
Hershey, Pennsylvania

Dr. Jessyka G. Lighthall is the Chief of Facial Plastic and Reconstructive Surgery in the department of Otolaryngology-Head and Neck Surgery at Penn State Hershey Medical Center, where she has practiced since 2014. Her practices encompasses a range of reconstructive and aesthetic facial plastic surgery procedures including the treatment of adult and pediatric maxillofacial trauma, facial reanimation, repair of congenital deformities such as cleft lip/palate and microtia, microvascular free tissue transfer, functional and aesthetic rhinoplasty, scar revision and facial cosmetic surgery. She has an interest in clinical outcomes research for patients being treated for facial paralysis, rhinoplasty, and maxillofacial trauma.

Suryadevara, Amar - Lecturer

MD, FACS
Professor of Otolaryngology
Interim Chair, Fellowship Director Facial Plastics
SUNY Health Science Center at Syracuse
Syracuse, New York

Dr. Suryadevara is a double board certificated facial plastic surgeon and otolaryngologist. He completed residency at SUNY Upstate Medical and Facial Plastics Fellowship at the University of Washington. He currently serves as Professor and Interim Chair of Otolaryngology at SUNY Upstate Medical in Syracuse, NY.

Agenda

Day 1

Saturday, November 21, 2020 - 08:00 - 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			
08:10 - 11:50	MID & UPPER FACIAL TRAUMA			
08:10 - 08:20	Surgical Approaches to the Midface			
08:20 - 08:30	Reestablishing Pre-traumatic Occlusion			
08:30 - 08:40	Maxillary Fractures (Buttresses, Le Fort, Palatal Fractures)			
08:40 - 08:50	Zygomatic Fractures (Include Orbital-Zygomatic Fractures)			
08:50 - 09:00	Orbital Wall Fractures			
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	Nasoorbitoethmoid (NOE) Fractures (Including Nasal Fractures)			
11:30 - 11:40	Frontal Sinus Fractures			
11:40 - 11:50	Sequencing Panfacial Fractures			
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			
14:35 - 14:55	Keynote Lecture - Computer Aided / 3-D Modeling for Facial Repair and Reconstruction			
14:55 - 15:05	AOCMF - What is in it for you? (Membership Benefits, Offerings)			
15:05 - 15:20	Coffee Break/ Travel to Small Group Discussions			
15:20 - 17:05	SESSION B: SMALL GROUP DISCUSSION (Cases: NOE, Nasal, Frontal Sinus); Summary, Q & A			
17:05 - 17:05	Faculty Debrief			
17:05 - 18:00	Reception			

Day 2

Sunday, November 22, 2020 - 07:30 - 14:00 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
07:30 - 14:00	MANDIBULAR TRAUMA			
07:30 - 07:40	Surgical Approaches to the Mandible			
07:40 - 07:50	Mandibular Fractures: Load Sharing and Load Bearing			
07:50 - 08:00	Condylar Fractures			
08:00 - 08:05	Travel to Lab			
08:05 - 09:35	PRACTICAL EXERCISE 2: Load Sharing Mandibular Fractures			
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
12:15 - 12:25	Pick-up Boxed Lunches / Travel to Small Group Discussions
12:25 - 14:00	SESSION D: SMALL GROUP DISCUSSION (Cases: Load Bearing): Summary, Q & A

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
AO North America gratefully acknowledges in-kind support for equipment and technical staff from J&JMedTech.

Educational Grant
AO North America gratefully acknowledges funding for its education activities from the AO Foundation. The AO Foundation receives funding for education from Synthes GmbH.