



August 28, 2021 - August 29, 2021
Boston, Massachusetts, USA

If you are interested in attending the 1-Day Precourse Symposium on August 27, 2021, you will be able to add this to your registration during checkout for an additional \$49.00 (a savings of \$46.00).

The **AO CMF North America Management of Facial Trauma** course for residents and fellows is designed to equip young surgeons with evidence-based clinical approaches to treat and manage CMF fractures and congenital defects through the correction of these injuries or defects and the establishment of 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 at these courses are recognized national experts who are academic-based clinicians from leading universities and hospitals in North America representing all disciplines involved within craniomaxillofacial surgery.

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

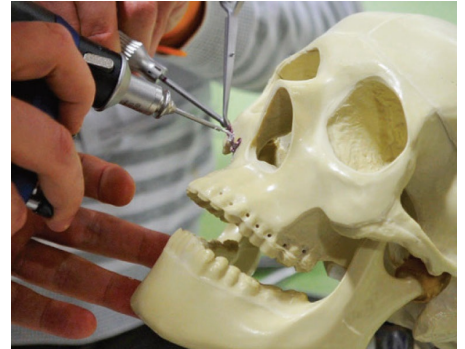
- a.) Brief didactic lectures
- b.) Multiple interactive, clinical case-based small group discussion breakouts
- c.) Several hands-on practical lab exercises utilizing bone models

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

All AO 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: Attending

Tuition: \$215.00

Level Name: Participant - CMF

Pricing Tier: Resident

Tuition: \$215.00

Course Prerequisite(s):

No Prerequisites

Venue:

Hyatt Regency Boston Harbor

101 Harborside Drive

Boston, MA, USA

Phone Number: 617-568-1234

bostonharbor.regency.hyatt.com

Language(s):

English

Directly Provided by:**Professional Level Prerequisite(s):**

No Prerequisites

CME

Continuing Education Credit: 13.25

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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)

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



Shaye, David - Chairperson

MD, MPH, FACS
Assistant Professor
Harvard Medical School
Massachusetts Eye & Ear
Boston, Massachusetts

David A. Shaye, MD MPH FACS is a Facial Plastic & Reconstructive Surgeon at Mass Eye & Ear / Harvard Medical School, where he specializes in facial reconstruction and the burgeoning field of Global Surgery. Dr. Shaye practices 4 months per year in Africa, holding an appointment at Rwanda's Central Teaching Hospital. Work in Rwanda, in collaboration with the AO Alliance, has focused on improving facial fracture care in low resource settings through a maxillofacial trauma training program. Dr. Shaye serves as a Doctors Without Borders surgeon and researcher in Northern Nigeria, where he treats patients with Noma, a poorly understood, disfiguring disease of the face that affects malnourished children. Dr. Shaye is a Fulbright Fellow who completed an Otolaryngology / Head & Neck Surgery residency at UC Davis, a Facial Plastic & Reconstructive Surgery Fellowship at the University of Minnesota, and currently serves as an Assistant Professor at Harvard Medical School and faculty at Harvard's Program in Global Surgery.



Davis, Benjamin - Co-Chairperson

DDS, FRCDC
Professor
Dalhousie University
Halifax, Nova Scotia



Tollefson, Travis - Director

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

Travis T. Tollefson MD MPH FACS Dr. Tollefson 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 leads the CMF arm of the AO-Alliance.org, whose goal is to instill AO principles in facial injuries in low resource settings. A native Kansan, he attended medical school and residency in Otolaryngology-Head and Neck Surgery at the University of Kansas. His fellowship through the American Academy of Facial Plastic and Reconstructive Surgery was completed at UC Davis. 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 Mentoring, co-director of the UC Davis Cleft Team and as an AOCMF Faculty Educator. He serves on the Board of Directors of the American Board of Otolaryngology- Head and Neck Surgery, American Academy of Facial Plastic Surgery, and the Editor-In-Chief for Facial Plastic Surgery and Aesthetic Medicine journal (formerly JAMA - Facial Plastic Surgery).

Agenda

Day 1

Saturday, August 28, 2021 - 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			
08:40 - 08:50	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	Nasoorbitoethmoidal (NOE) Fractures			
11:30 - 11:40	Frontal Sinus Fractures			
11:40 - 11:50	Panfacial Fractures - Sequencing of Repair			
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 Facial Injuries			
14:35 - 14:55	Keynote Lecture - Ballistic Injuries			
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, August 29, 2021 - 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.

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.

Acknowledgment

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.