



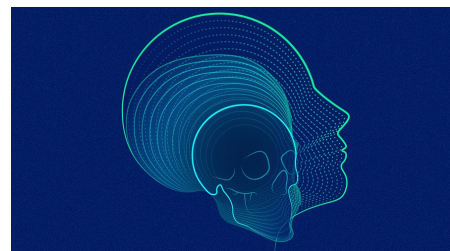
AO CMF NA Course—Management of Facial Trauma



September 18, 2021 - September 19, 2021
Minneapolis, Minnesota, USA

If you are interested in attending the 1-Day Precourse Symposium on September 17, 2021, you will be able to add this to your registration during checkout for an additional \$49.00 (a savings of \$46.00).

This course provides learners with the fundamental knowledge and principles for the treatment of craniomaxillofacial fractures and their complications. It covers diagnostic and treatment principles for midface and mandibular fractures, as well as the prevention and treatment of complications.



1. Online Preparations—4 weeks prior to the face-to-face event

During these 4 weeks, participants are **required** to complete a self-assessment and conduct online self-study, including recommended reading material, viewing videos and completion of surgical simulation modules. Participants will receive a link to the learning materials from their event organizer.

2. Face-to-face event—2 days

The face-to-face event is delivered through a combination of short lectures, small group discussions, and practical exercises. This combination enables participants to hear, discuss, and apply the concepts of facial trauma management.

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 Minneapolis
1300 Nicollet Mall
Minneapolis, MN, USA
Phone Number: 612-370-1234
www.hyatt.com

Language(s):

English

Directly Provided by:



Professional Level Prerequisite(s):

No Prerequisites

CME

Continuing Education Credit: 13.25

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



Mount, Delora - Chairperson

MD, FACS, FAAP
Associate Professor of Surgery (Plastics) & Pediatrics
Chief of Pediatric Plastic Surgery
American Family Children's Hospital
Division of Plastic & Reconstructive Surgery
University of Wisconsin School of Medicine and Public Health
Madison, Wisconsin

Dr. Delora Mount is dual board certified by the American Board of Plastic Surgery and the American Board of Surgery. Her clinical specialties include treatment of infants and children, particularly those with major facial birth defects which include, cleft lip/palate repair, correction of skull shape abnormalities, and speech disorders (hypernasal speech). Dr. Mount also specializes in craniofacial surgery, orthognathic (jaw) surgery, maxillofacial trauma as well as aesthetic and cosmetic surgery, primarily limited to the face.



Jones, Lamont - Co-Chairperson

MD, MBA, FACS
Vice Chair Department of Otolaryngology, Head and Neck Surgery
Henry Ford Hospital Facial Plastic and Reconstructive Surgery
Director, Cleft and Craniofacial Clinic
Clinical Associate Professor Department of Otolaryngology
Wayne State University School of Medicine
Detroit, Michigan

Lamont R. Jones, M.D., MBA, received his medical degree and completed otolaryngology residency at the University of Michigan, Ann Arbor. He completed a fellowship in Facial Plastic and Craniofacial Reconstructive Surgery at SUNNY UpState Medical University. Dr. Jones also completed an executive MBA from the Eli Broad College of Business at Michigan State University, in 2016. Dr. Jones is currently the Vice Chair of the Department of Otolaryngology at Henry Ford Hospital in Detroit, Michigan. He is involved in departmental and hospital operations and has an interest revenue cycle, cost reduction and using telemedicine to improve clinical efficiencies. His clinical interests include the treatment of congenital facial anomalies, facial rejuvenation and facial trauma. Dr. Jones' interests also include the treatment of keloids and translational keloid research, for which, he was recently awarded a, 5 year \$900,00 K08 grant from the National Institute of General Medical Science. A national and international speaker, Jones has published multiple journal articles and books chapters. He holds positions in local and national medical organizations, and is involved with "Face to Face" and Kenya Relief which support international medical mission trips to countries such as Vietnam and Kenya. His mission work has been featured in the Detroit Free Press, Detroit Hour Magazine and in an hour television special, "Care and Hope, Proud Detroit Exports", on Detroit WDIV Channel 4.



Swift, James - Co-Chairperson

DDS, FACS
Professor
Division of Oral and Maxillofacial Surgery
University of Minnesota
Minneapolis, Minnesota

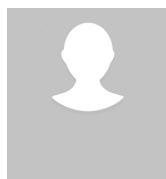
Professor James Q. Swift DDS FACS has been a full time faculty member at the University of Minnesota in the Division of OMS. He has authored over 100 manuscripts, articles, book chapters and abstracts, many pertaining to craniofacial trauma. He is a former Division Director of OMS (for 25 years) and had directed the OMS training program for over 15 years. Dr. Swift has completed both the Faculty Education and Chair Education Programs.



MacLeod, Stephen - Director

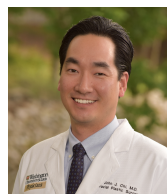
BDS, MBChB, FDSRCS, FRCS, FACS, FFST
Professor
Chief, Oral and Maxillofacial Surgery and Dental Medicine
Program Director
Oral and Maxillofacial Surgery Residency
Loyola University
Maywood, Illinois

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.



Arce, Kevin - Lecturer

MD, DMD, FACS
Dr.
Mayo Clinic
Rochester, Minnesota

**Chi, John - Lecturer**

MD, MA
Associate Professor
Division of Facial Plastic & Reconstructive Surgery
Department of Otolaryngology - Head & Neck Surgery
Washington University in St. Louis
St. Louis, Missouri

Dr. John Chi is an Associate Professor of Facial Plastic & Reconstructive Surgery in the Department of Otolaryngology – Head & Neck Surgery at Washington University in St. Louis. His research interests include facial reconstruction, facial paralysis, and quality of life following facial plastic surgery. Prior to medicine, Dr. Chi served as a science teacher in an underserved community in New York City. He earned his master's degree in education from the City College of New York and his master's degree in population health sciences from Washington University in St. Louis. Dr. Chi's humanitarian work has taken him to China, Ecuador and Guatemala to care for medically underserved cleft lip and palate patients.

**Davis, Benjamin - Lecturer**

DDS, FRCDC
Professor Oral and Maxillofacial Surgery
Dalhousie University
Halifax, Nova Scotia

**Garland, Catharine - Lecturer**

MD
Assistant Professor
Division of Plastic and Reconstructive Surgery
Department of Surgery
University of Wisconsin School of Medicine and Public Health
Madison, Wisconsin

Dr. Garland is an assistant professor of plastic and reconstructive surgery, specializing in craniomaxillofacial surgery at the University of Wisconsin-Madison.

**Hamlar, David - Lecturer**

MD, DDS
Assistant Professor
Craniofacial Skull Base Center
Department of Otolaryngology
University of Minnesota
Minneapolis, Minnesota

My passion is craniofacial reconstruction for children born with congenital deformities such as cleft lip and palate, cranial synostosis, and midface hypoplasia, hemifacial microsomia, Treacher-Collins, and other related jaw deformities. I enjoy microtia repair, microvascular reconstruction of head and neck defects, as well as the acute management of traumatic craniofacial injuries. I also manage head and tumors such as ameloblastomas, fibrous dysplasia, cystic hygromas, juvenile angiofibromas and their reconstruction. Techniques include image-guided minimally invasive skull base surgery, distraction osteogenesis, and resorbable hardware. I am retired military having deployed numerous times in both surgical and medical command positions. Nothing has meant more to me than caring for our injured men and women in the armed services.

**Schubert, Warren - Lecturer**

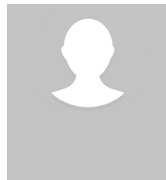
MD, FACS
Professor, University of Minnesota
Department of Plastic & Hand Surgery
Regions Hospital
St. Paul, Minnesota

General Surgery Residency, McGill University Plastic Surgery Residency, Case Western Reserve University Maxillofacial Trauma Fellowship, Atlanta Medical Center Past Chair, AOCMF International Board Past President, American Society of Maxillofacial Surgeons Professor, University of Minnesota Chair, Department of Plastic & Hand Surgery, Regions Hospital

**Strohl-Bryan, Alexis - Lecturer**

MD
Assistant Professor
Facial Plastic and Reconstructive Surgery
Department of Otolaryngology Head and Neck Surgery
University of Rochester Medical Center
Rochester, New York

Dr. Strohl trained in Otolaryngology at the University of Rochester Medical Center. She then completed a fellowship in Facial Plastic and Reconstructive Surgery and Craniofacial Surgery at Upstate Medical Center. She is now an Assistant Professor at the University of Rochester and specializes in Facial Plastic Surgery. She is very involved in resident education and is currently the Associate Program Director. Her clinical interests include skin cancer surgery, facial trauma management, rhinoplasty and facial nerve injury.

**Svoboda, Lance - Lecturer**

DDS, FACS

Oral & Maxillofacial Surgery

Hennepin County Medical Center

Minneapolis, Minnesota

**Tufaro, Anthony - Lecturer**

DDS, MD, FACS

Professor of Surgery, Plastic Surgery and Surgical Oncology

Case Western Reserve University

Cleveland, Ohio

Name: Anthony P. Tufaro Academic appointments: Professor of Surgery, Plastic Surgery and Surgical Oncology Director of Oncologic Reconstruction Professor of Surgery, Plastic Surgery and Surgical Oncology Clinical focus: Head and neck surgical oncology. Management of soft tissue malignancies. Cutaneous oncology including melanoma. Craniofacial surgery and reconstruction. Major reconstruction of the chest and abdominal wall Clinical interests: Head and neck oncology. Advanced skin cancers including melanoma. Facial trauma and reconstruction. Major reconstruction. Professional education: (1) Fellowship: Surgical Oncology Memorial Sloan Kettering Cancer Center, New York, New York: Head and Neck Surgical Oncology. (2) Fellowship: Plastic and Reconstructive Surgery Johns Hopkins, Baltimore MD.: Plastic, Reconstructive and Craniofacial Surgery Residency: (1) General Surgery: Johns Hopkins, Baltimore MD. (2) Oral and Maxillofacial Surgery: Nassau County Medical Center, Nassau County New York Medical Education: Hahnemann University School of Medicine (now Drexel University School of Medicine), Philadelphia PA.: M.D. New York University College of Dentistry, New York NY: D.D.S. Board Certification: American Board of Plastic Surgery American Board of Oral and Maxillofacial Surgery Research interests: Initiation and propagation of aggressive cutaneous malignancies. Clinical advances in craniomaxillofacial surgery. Reconstruction of major defects of the chest and abdominal wall.

Agenda

Day 1

Saturday, September 18, 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		Mount, D	
08:10 - 11:50	MID & UPPER FACIAL TRAUMA	Mount, D		
08:10 - 08:20	Surgical Approaches to the Midface		Tufaro, A	
08:20 - 08:30	Reestablishing Pre-traumatic Occlusion		Arce, K	
08:30 - 08:40	Maxillary Fractures		Chi, J	
08:40 - 08:50	Zygomatic Fractures		Strohl-Bryan, A	
08:50 - 09:00	Orbital Wall Fractures		Garland, C	
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		Hamlar, D	
11:30 - 11:40	Frontal Sinus Fractures		Jones, L	
11:40 - 11:50	Panfacial Fractures - Sequencing of Repair		Svoboda, L	
11:50 - 12:50	Lunch			
12:50 - 17:05	MID & UPPER FACIAL TRAUMA (continued)			
12:50 - 14:20	PRACTICAL EXERCISE 1: Complex Midface Fractures	Hamlar, D		
14:20 - 14:25	Travel to Lecture Hall			
14:25 - 14:35	Pediatric Facial Injuries		Mount, D	
14:35 - 14:55	Keynote Lecture - Topic TBD		Schubert, W	
14:55 - 15:05	AOCMF - What is in it for you? (Membership Benefits, Offerings)		MacLeod, S	
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, September 19, 2021 - 07:30 - 14:00 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
07:30 - 14:00	MANDIBULAR TRAUMA	Jones, L		
07:30 - 07:40	Surgical Approaches to the Mandible		Davis, B	
07:40 - 07:50	Mandibular Fractures: Load Sharing and Load Bearing		Swift, J	
07:50 - 08:00	Condylar Fractures		Swift, J	
08:00 - 08:05	Travel to Lab			
08:05 - 09:35	PRACTICAL EXERCISE 2: Load Sharing Mandibular Fractures	Swift, J		
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	Svoboda, L
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.