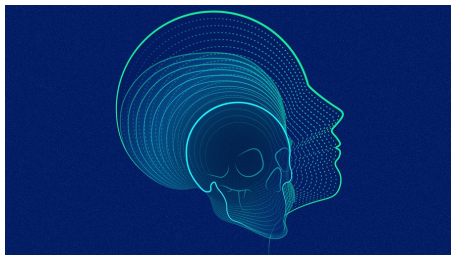
AO CMF NA Course—Management of Facial Trauma

September 9, 2023 - September 10, 2023
Vancouver, British Columbia, Canada

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, it is ***recommended*** participants 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.

3. Online Follow-up
During the week after the course, participants will complete an online evaluation and post-course assessment.

Goal of the Course
The goal of this AO CMF course is to address the core concepts necessary to manage acute facial trauma.

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 my 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 Vancouver
655 Burrard Street
Vancouver, British Columbia, Canada
Phone Number: 604.683.1234
https://www.hyatt.com/en-US/hotel/canada/hyatt-regency-vancouver/yvrrv?src=corp_lclb_gmb_seo_yvrrv

Language(s):
English
Directly Provided by:
AO North America
Professional Level Prerequisite(s):
No Prerequisites

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.

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

Teshima, Tara Lynn - Chairperson

MD, MSc, FRCSC
Plastic and Reconstructive Surgeon
University of Toronto
Toronto, Ontario

Dr. Teshima graduated from the University of Alberta Faculty of Medicine in 2008 and subsequently completed her residency training in Plastic and Reconstructive Surgery at the University of Alberta in 2013. Prior to medical school, she completed a Master's degree in Virology. Dr. Teshima then pursued fellowship training in Adult Craniofacial Trauma at Sunnybrook Health Sciences Center in Toronto. She joined Markham Stouffville Hospital and the University of Toronto in 2015. Her clinical focus is in adult facial trauma, oncology, and adult vascular malformations. Her research interests currently focuses on orbit and the management of vascular malformations. She is a recent graduate of the Global Surgical Leadership program from Harvard Medical School and is interested in medical education and virtual surgical training using bio-models. Since 2013, Dr. Teshima visits the Ukraine on a yearly basis to help wounded soldiers with ballistic injuries to the head and neck.

Futran, Neal - Co-Chairperson

MD, DMD
Professor and Chair
Department of Otolaryngology-Head & Neck Surgery
Director of Head and Neck Surgery
University of Washington
Seattle, Washington

Neal D. Futran, MD, DMD joined the University of Washington faculty in 1995. He is currently the Allison T. Wanamaker Professor and Chair of the Department of Otolaryngology – Head and Neck Surgery. He is also the Director of Head and Neck Surgery as well as an adjunct professor in the departments of Plastic Surgery and Neurological Surgery. Dr. Futran earned his dentistry degree at the University of Pennsylvania and completed training in oral and maxillofacial surgery as well as an MD degree at the Health Science Center at Brooklyn, New York. He then trained in Otolaryngology – Head & Neck Surgery at the University of Rochester followed by a Head and Neck Oncology and Microvascular Surgery fellowship at Mount Sinai Hospital in New York with Dr. Mark Urken. Dr. Futran became an assistant professor in the Department of Otolaryngology at the University of South Florida in 1993 specializing in head and neck oncologic and reconstructive surgery and subsequently relocated to Seattle. Dr. Futran is board certified in Otolaryngology and has outstanding expertise and an active practice in head and neck oncology and microvascular reconstruction and rehabilitation of complex, oncology and trauma cases. He also specializes in skull base surgery utilizing both endoscopic and open approaches. His major research activities center on microvascular reconstruction of the head and neck and he also participates in grants studying molecular profiles and gene analysis in oral carcinogenesis. He enjoys teaching on the topics of head and neck reconstruction, craniofacial trauma, skull base surgery, and head and neck oncology worldwide. He was on the board of directors for the AO Foundation, a trustee of the UW Physicians, and a trustee of the Virginia Bloedel Hearing Research Institute. Dr. Futran is on the editorial boards of several scientific journals and held the position of deputy editor of JAMA-Otolaryngology. He is listed in the Best Doctor's in America.

Herford, Alan - Co-Chairperson

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.

Tollefson, Travis - Director

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

Travis T. Tollefson MD MPH FACS Dr. Tollefson is the proud father of Theo and JD, who have humbled him by making him take days off. He 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 helps lead the CMF arm of the AO-Alliance.org, whose goal is to instill AO principles in facial injuries in low resource settings. -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 Wellness and Mentoring, co-director of the UC Davis Cleft Team. He serves on the Board of Directors of the American Board of Otolaryngology-Head and Neck Surgery, American Academy of Facial Plastic Surgery,and is the Editor-In-Chief for Facial Plastic Surgery and Aesthetic Medicine journal (formerly JAMA - Facial Plastic Surgery).

Agenda

Day 1

Saturday, September 09, 2023 - 08:00 - 17:05

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, September 10, 2023 - 07:30 - 14:00

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 or discussed in this educational activity is for teaching purposes only with the intent to enhance the learning experience.

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 educational activity.

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/ approaches discussed or demonstrated which are for teaching and educational purposes only. 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.

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

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.