



AOCMF Management of Facial Trauma



June 19, 2018 - June 19, 2018
Jasper, AB, Canada

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 one-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:

Fairmont Jasper Park Lodge

Phone Number: 780-852-3301
Fairmont.com/Jasper

Please Note: This course is available to physicians only.

Language(s):

English

Directly Provided by:



Professional Level Prerequisite(s):

- Other
- 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: 7.25

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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 7.25 **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



Louie, Gorman - Chairperson

MD, FRCSC
Clinical Professor
Division of Plastic Surgery
University of Alberta
Edmonton, AB



Engelstad, Mark - Co-Chairperson

DDS, MD, MS
Associate Professor
Department of Oral & Maxillofacial Surgery
Department of Medical Informatics
Oregon Health & Science University
Portland, OR



Murr, Andrew - Co-Chairperson

MD, FACS

Professor and Chairman
Department of Otolaryngology/Head and Neck Surgery
University of California, San Francisco
School of Medicine
San Francisco, CA

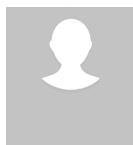
Andrew H. Murr, MD, FACS Dr. Murr is currently Professor and Chairman of the Department of Otolaryngology-Head and Neck Surgery at the University of California, San Francisco School of Medicine. Dr. Murr attended Boston University as an undergraduate earning a BA degree in Medical Science. He earned his MD degree at Hahnemann University (now Drexel University) graduating in 1987. His surgical internship was at Beth Israel Hospital in New York City and his residency and chief residency in Otolaryngology-Head and Neck Surgery was accomplished at St. Louis University. After practicing in Boston for a year, he joined the faculty of UCSF in 1993. Dr. Murr has served many roles in the department including as Chief of Service at San Francisco General Hospital, as Vice Chairman for clinical affairs, and as Residency Program Director. Within the university, Dr. Murr serves on the Leadership Council, and also serves on the Credentials Committee, the O.R. Committee, the CME Governing Board, and the Executive Medical Board. He is a board member of the Mt. Zion Foundation and Hearing Research, Inc. Within the medical school, Dr. Murr was an inaugural Advisory College Mentor serving in that role for just over 10 years. Dr. Murr's contribution to professional organizations has included service on the AAO-HNS Task Force for New Materials, the Home Study Committee, a term on the Editorial Board of Otolaryngology-Head and Neck Surgery, and appointment as a Guest Examiner and Examiner for the American Board of Otolaryngology. He has a long history of contribution to the AO/ASIF and is currently serving a term on the CMF Education Board of AO North America. Dr. Murr is a Fellow of the Triological Society, has served on numerous committees within that organization, and is currently the society's Treasurer. The Triological Society distributes over \$400,000 of research grants through a competitive process each year. Dr. Murr is on the Board of Governors for the American College of Surgeons representing the American Academy of Otolaryngology-Head and Neck Surgery. Although primarily a clinician and educator, Dr. Murr has research interests pertaining to facial trauma, underserved communities, and diseases of poverty. He has a clinical interest in rhinology and has studied issues pertaining to the role of fungi in chronic rhinosinusitis and nasal polyposis.



Matic, Damir - Director

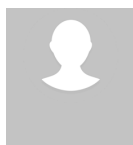
MD, MSc, FRCSC
Associate Professor
Division of Plastic and Reconstructive Surgery
and Department of Pediatrics
London Health Sciences Center
London, ON

Dr. Matic finished both his medical school and residency training in Plastic Surgery at the University of Toronto. He completed a fellowship in Craniofacial surgery at Johns Hopkins Hospital and at the University of Maryland. After working at St. Michael's Hospital in Toronto for a year he moved to London, Ontario in 2002. He is currently an Associate Professor at Western University, working at Victoria Hospital which is a tertiary care pediatric and trauma hospital. His primary clinical interests include cleft lip and palate, acute and secondary facial trauma reconstruction, facial nerve re-animation as well as all aspects of paediatric craniofacial surgery. He completed a Master's of Science degree in London at Western University in the Department of Medical Biophysics. His current research interests include facial growth, the effects of botulinum toxin on nerve regeneration, and long term analysis of cleft lip repair and orbicularis oris muscle motion.



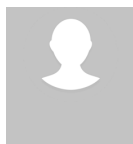
Antonyshyn, Oleh - Lecturer

MD, FRCSC
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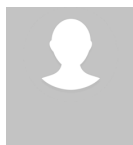
Bergeron, Leonard - Lecturer

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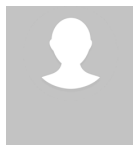
Borsuk, Daniel - Lecturer

MD, MBA, FRCSC, FACS
Chief of Plastic Surgery
CHU Sainte Justine
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Ratner, Sanford - Lecturer

DDS, FACS
Clinical Faculty
Department of Oral & Maxillofacial Surgery
UCLA Medical Center
Private Practice
Santa Ana, CA

**Shibuya, Terry - Lecturer**

MD, FACS

Chair Department of Head & Neck Surgery
Southern California Permanente Medical Group
Orange County, CA
Associate Clinical Professor
University of California Irvine School of Medicine
Anaheim, CA

Dr. Shibuya received his medical degree for Loma Linda University School of Medicine in 1990 and completed residency in Otolaryngology/Head & Neck Surgery from Wayne State University School of Medicine Detroit, MI in 1995. From 1995-96 he was the American Academy of Otolaryngology /Head & Neck Surgery Humanitarian Effort Fellow working at the Christian Medical College in Vellore, India. From 1996-98 he completed a NIH Fellowships in Head & Neck Cancer and Skull Base Surgery at the Karmanos Cancer Institute Detroit, MI. In 1997 he also completed studies in Craniofacial Surgery at the University of Bern, Switzerland under the direction of Dr. Joram Raveh. From 1998-2000 he has been Assistant Professor and Chief of Otolaryngology/Head & Neck Surgery at Detroit Receiving Hospital/Wayne State University, Detroit, MI. From 2000-2006 Dr. Shibuya was a full-faculty member in the department of Head & Neck Surgery and Chao Family Comprehensive Cancer Center at the University of California Irvine School of medicine. From February 2006 to the present, he has been a full-time partner of the Southern California Permanente Medical Group, based in Orange County. He currently is Chair of the Department of Head & Neck Surgery, co-director of the Southern California Permanente Head and Neck Cancer Tumor Board, overseeing all head and neck cancer cases in the Southern California region. He is also co-director for the regional Anterior Skull Base Center of Excellence. He is also the Regional Director for Head & Neck Surgery Research.

**Teshima, Tara Lynn - Lecturer**

MD, MSc, FRCSC

Plastic and Reconstructive Surgeon
Clinical Lecturer - University of Toronto
Markham Stouffville Hospital
Markham, ON

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 that was supported through local and national funding agencies. Dr. Teshima then pursued fellowship training in adult craniofacial trauma, under the direction of Drs. Oleh Antonyshyn and Jeff Fialkov. Dr. Teshima joined Markham Stouffville Hospital and the University of Toronto in 2015. Her clinical focus is in craniofacial trauma, skin cancer, and vascular malformations. Her research interests currently focuses on outcomes involving craniofacial trauma using advanced digital technology and the management of vascular malformations. Dr. Teshima has been the recipient of numerous awards for her clinical, academic, and research work, and is the author of several peer-reviewed publications.

Agenda

Day1

Tuesday, June 19, 2018 - 08:00 - 16:30 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
08:00 - 08:10	Course Opening			
08:00 - 08:10	Welcome and Introduction	Louie, G		
08:10 - 09:00	MANDIBULAR TRAUMA			
08:10 - 08:20	Dental Anatomy, Occlusion, MMF & Dental Alveolar Trauma		Ratner, S	
08:20 - 08:30	Surgical Approaches to the Mandible		Bergeron, L	
08:30 - 08:40	Mandibular Fractures: Load Sharing and Load Bearing		Murr, A	
08:40 - 08:50	Condylar Fractures		Borsuk, D	
08:50 - 09:00	Sequencing Panfacial Fractures		Shibuya, T	
09:00 - 09:15	Coffee Break / Travel to Practical Exercises			
09:15 - 10:45	PRACTICAL EXERCISE 1: Load Sharing Mandibular Fractures	Murr, A		
10:45 - 10:50	Travel to Small Groups			
10:50 - 12:20	SESSION C: SMALL GROUP DISCUSSION: (Cases: Load Sharing, Tooth in the Line of Fractures, Sequencing Condyle)			
12:20 - 13:05	Lunch			
13:05 - 14:05	PRACTICAL EXERCISE 2: Fractures of the Complicated Mandible	Engelstad, M		
14:05 - 14:25	Keynote Lecture: Complications of Mandibular Fracture Repair		Engelstad, M	
14:25 - 14:35	Keynote Lecture: Non-Vascularized Bone Graft Reconstruction of the Mandible		Antonyshyn, O	
14:35 - 14:45	AOCMF: What is in it for you? (Membership Benefits, Offerings)		Matic, D	
14:45 - 15:00	Coffee Break / Travel to Small Group Discussions			
15:00 - 16:30	SESSION D: SMALL GROUP DISCUSSION: (Cases: Load Bearing)			
16:30 - 16:30	Course Concludes			

AONA Disclaimer Information

Faculty Disclosure:

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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:

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Acknowledgment

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