



AOCMF Management of Facial Trauma



December 1, 2018 - December 2, 2018
Louisville, KY, USA

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 two 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: Attending
Tuition: \$195.00

Level Name: Participant - CMF
Pricing Tier: Resident
Tuition: \$195.00

Course Prerequisite(s):

No Prerequisites

Venue:

Omni Louisville
400 S 2ND STREET
Louisville, Kentucky, USA
Phone Number: 502-568-6438
<https://www.omnihotels.com/hotels/louisville>

Please Note: This course is available to physicians only.

Language(s):

English

Directly Provided by:



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
- Attending
- Fellow

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)

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



Alpert, Brian - Chairperson

DDS, FACS, FICD, FACS
Professor
Oral & Maxillofacial Surgery
University of Louisville
Louisville, KY

Dr. Alpert was born in Southern California and grew up in Lake Placid, New York. He received his A.B. from University College of New York University in 1963 and is a 1967 graduate of the School of Dental & Oral Surgery, Columbia University. He did his residency in Oral & Maxillofacial Surgery at Long Island Jewish Medical Center – Queens Hospital Center. Following training, he served in the U. S. Army Dental Corps at both the 121st Evacuation Hospital in Korea and Womack Army Hospital at Ft. Bragg, N.C. He began his academic career at the University of Illinois as Assistant Professor of Oral & Maxillofacial Surgery. In 1973 he joined the faculty at the University of Louisville as Associate Professor and Director of the Advanced Training Program in Oral & Maxillofacial Surgery. He was then the youngest oral and maxillofacial surgery program director in the country. He was promoted to Professor in 1978 and became Chairman of Oral & Maxillofacial Surgery in the School of Dentistry and Chief at University Hospital in 1987. Not solely an “academic”, he has always maintained an active, full-scope private practice. He is a Diplomate, Fellow or member of virtually all U.S. professional organizations pertaining to his specialty or dental education and has held leadership positions in most. Dr. Alpert has received the Harrigan Award, the Iula Award, the Osbon Award and was named the AONA Craniomaxillofacial Educator of the year in 2004 and the SSOMS Distinguished Educator in 2005. In both 2008 and 2018 he received ADEA Presidential Citations for his service to both dentistry and dental education. He received the Distinguished Service Award from the University of Louisville in 2009 and the Distinguished Alumni Achievement Award from Columbia University College of Dental Medicine in 2011. He has authored over 80 scientific publications and has lectured throughout the world on topics including craniomaxillofacial trauma, craniofacial and dentofacial deformity correction, management of odontogenic tumors, maxillofacial reconstruction, dental anesthesiology, implantology and OMFS education. Since 1985, Dr. Alpert has been active in the AO/ASIF, an international research and educational organization committed to advancing the treatment of musculoskeletal injuries, disease and deformities. He has served in several leadership positions both with AO North America and the AO Foundation representing Craniomaxillofacial Surgery. Since 1987 he has participated as faculty in 98 AO CMF courses of all varieties and in all regions. In 2007 he was elected an Honorary Trustee of the AO Foundation, an honor only bestowed on 4 other CMF surgeons in the 33 year history of the Foundation.



Lettieri, Salvatore - Co-Chairperson

MD
Chief of Plastic Surgery
Maricopa Medical Center
Division of Plastic and Reconstructive Surgery
Mayo Clinic
Phoenix, AZ

Salvatore Lettieri is the Chief of Plastic Surgery at Maricopa Medical Center in Phoenix Arizona. As a Mayo Clinic Faculty member, he serves this role as a joint venture between the Mayo Clinic and Maricopa Medical Center. In this role, he provides the education for the Plastic Surgery Residents from 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 followed by Craniofacial and Microsurgery Fellowship 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.



Murr, Andrew - Co-Chairperson

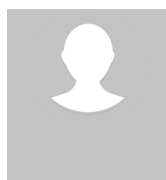
MD, FACS
Professor and Chairman
Department of Otolaryngology/Head and Neck Surgery
University of California, San Francisco
School of Medicine
San Francisco, CA

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, Examiner, and now Senior 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 polypsis.

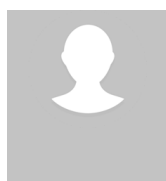
**Cunningham, Larry - Director**

DDS, MD, FACS, FICD
Professor and Chief
Division of Oral and Maxillofacial Surgery
University of Kentucky
Lexington, KY

Dr. Cunningham is Professor and Chief of the Division of Oral and Maxillofacial Surgery at the University of Kentucky College of Dentistry, and has previously served as the Director of Residency Training for 9 years. He was an AAOMS Faculty Educator Development Award (FEDA) recipient in 2002 and completed a one month AO/ASIF Fellowship in Freiburg, Germany in 2003. His clinical interests include craniofacial trauma and reconstruction, the treatment of secondary cleft defects, temporomandibular joint surgery, and orthognathic surgery. Dr. Cunningham is a Fellow of the American Association of Oral and Maxillofacial Surgeons and is a Diplomat of the American Board of Oral and Maxillofacial Surgery; he currently serves on the ABOMS Board of Directors. He currently serves as an AOCMFS Educational Board member and regularly lectures on facial trauma and reconstruction. Teenage children keep his wife and him busy at home, and he enjoys flying (general aviation) as a hobby.

**Flint, Robert - Lecturer**

DMD, MD
Assistant Professor
Department of Surgical and Hospital Dentistry
University of Louisville
Louisville, KY

**Gal, Thomas - Lecturer**

MD, MPH, FACS
Professor
Division of Head and Neck Oncology
Director of Maxillofacial Trauma
Department of Otolaryngology
University of Kentucky
Lexington, KY

**Kellman, Robert - Lecturer**

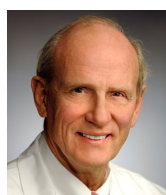
MD, FACS
Professor and Chair Emeritus
Department of Otolaryngology & Communication Sciences
SUNY Upstate Medical University
Syracuse, NY

Bob Kellman has a long history with the AO, chairing the Amelia Island Craniomaxillofacial Course in 1984 and having participated in numerous courses since. He has always maintained a keen interest in CMF Trauma, and it has been a main focus of his practice for decades. He enjoys teaching and participating in AO courses for the wonderful educational experiences that they provide.

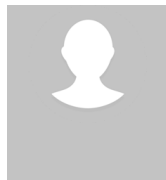
**Kushner, George - Lecturer**

DMD, MD, FACS
Professor
Oral and Maxillofacial Surgery
University of Louisville
Louisville, KY

Dr. Kushner is a native of Pennsylvania. He graduated from Pennsylvania State University and Temple University School of Dentistry. Following his completion of his Oral and Maxillofacial Surgery residency at the University of Louisville he did a fellowship at the Oral Surgery Institute in Nashville, TN in TMD under Jeffery Carter D.M.D., M.D. After his fellowship he enrolled and graduated from medical school at The University of Alabama. He completed his general surgery core year at Brown University/Rhode Island Hospital. He came back to Louisville in 1993, becoming the Oral and Maxillofacial Surgery Program Director in 1994. He achieved the rank of full professor in 2007. He is a Diplomat, Fellow, or member of AAOMS, ADEA, SSOMS, and the American College of Surgeons, holding leadership positions in most of these organizations. Dr. Kushner lectures worldwide and is well published on a variety of topics in Oral and Maxillofacial Surgery. He is a Trustee of the AO Foundation, an international organization committed to excellence in musculoskeletal surgery. Dr. Kushner has become the "go to" surgeon in this area of the country for complex injuries, deformities, and complications.

**Pollock, Richard - Lecturer**

MD, M.Med
Medical Staff (Department of Surgery)
UPMC (University Pittsburgh Medical Center) Pinnacle Lancaster
UPMC (University Pittsburgh Medical Center) Pinnacle Lititz
Lancaster and Lititz, PA

**Rudderman, Randal - Lecturer**

MD, FACS
 Department of Plastic Surgery
 Northside Hospital, Atlanta
 Adjunct Professor
 Department of Civil and Environmental Engineering
 University of South Carolina
 Alpharetta, GA

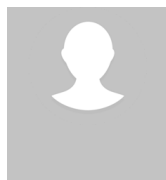
**Schmalbach, Cecelia - Lecturer**

MD, MSc, FACS
 Temple University
 Lewis Katz School of Medicine
 Otolaryngology-Head & Neck Surgery
 3440 N. Broad Street
 Kresge West, 3rd floor, Suite 309
 Philadelphia, PA

**Schubert, Warren - Lecturer**

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

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

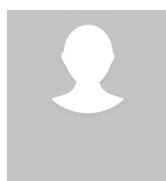
**Shumrick, Kevin - Lecturer**

MD, FACS
 Facial Plastic Surgery
 Group Health Associates
 Cincinnati, OH

**Van Sickels, Joseph - Lecturer**

DDS, FACD, FICD, FACS
 Professor
 Division of Oral & Maxillofacial Surgery
 University of Kentucky Hospital
 Lexington, KY

Dr. Van Sickels graduated from Dental School at the Medical College of Virginia and after two years of a general Practice residency in Baltimore, he received his oral and maxillofacial surgery training at the Medical College of Virginia. He has been at several teaching institutions and is currently the Program Director and Professor of Oral and Maxillofacial Surgery at the University of Kentucky in Lexington Kentucky. He has given several hundred presentations both nationally and internationally. He has published over 190 referred journal articles and textbook chapters mostly dealing with orthognathic surgery and distraction osteogenesis. He is a reviewer for multiple Journals in oral and maxillofacial surgery. He is Board Certified by the American Board of Oral and Maxillofacial Surgery and has been on the examination committee of the "Board" for several years. He is a Fellow of the American College of Dentist, the International College of Dentist and the American College of Surgeons.

**Yeoh, Melvyn - Lecturer**

DMD, MD
 Assistant Professor
 Division of Oral and Maxillofacial Surgery
 University of Kentucky Chandler Medical Center
 Lexington, KY

Agenda

Day1

Saturday, December 01, 2018 - 08:00 - 18:00 - (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 Maxilla and Upper Facial Skeleton			
08:20 - 08:30	Reestablishing Pretraumatic 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 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	NOE (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 - TBD			
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 - 18:00	Reception			

Day2

Sunday, December 02, 2018 - 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 Box Lunches / Travel to Small Group Discussions			

12:25 - 14:00	SESSION D: SMALL GROUP DISCUSSION (Cases: Load Bearing): Summary, Q & A
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Faculty Disclosure:

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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:

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Acknowledgment

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