CMF
North America

Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction

November 16, 2013 - November 17, 2013
Ponte Vedra Beach, Florida, USA

Course Description/ 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 require rigid internal fixation that adheres to the AO philosophy for fracture care.

The principles courses are 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 program will include didactic sessions, practical exercises and small group discussions (SGD). These SGD 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; and
- Early, pain free mobilization returning the patient to function as soon as possible

Target Audience:

Enrollment is open to both practicing surgeons and surgeons in training in the fields of Oral and Maxillofacial Surgery, Otolaryngology, Plastic and Reconstruction, Ophthalmology, and Oculoplastics.

Event Summary

Tuition:
Level Name: Participant - Craniomaxillofacial
Pricing Tier: Resident
Tuition: $0.00

Level Name: Participant - Craniomaxillofacial
Pricing Tier: Attending
Tuition: $0.00

Course Prerequisite(s):
No Prerequisites

Venue:
Sawgrass Marriott
1000 PGA Tour Blvd.
Ponte Vedra Beach, FL, USA
Phone Number: 904-285-7777
khansman@sawgrassmarriott.com

Language(s):
English

Directly Provided by:
AO North America

Professional Level Prerequisite(s):
No Prerequisites

CME

Continuing Education Credit: 13.00

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

Below Wording CMF Only- 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 13.00 ***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:

- Describe the principles of stable internal fixation as outlined by the AO;
- Define the biological and mechanical aspects of fracture healing;
- Discuss the problems, complications and intraoperative difficulties that can result from internal fixation;
- Explain preoperative planning methods and how this may affect the management of these fractures
- Apply the psychomotor skills developed in the practical exercises into surgical practice

Faculty

Fernandes, Rui - Chairperson
MD, DMD, FACS, FRCS(Ed)
Professor, Oral & Maxillofacial Surgery, Neurosurgery, Orthopedics
Director, Microvascular Fellowship
Chief, Division of Head Neck Surgery
University of Florida College of Medicine
Jacksonville, Florida

Lettieri, Salvatore - Co-Chairperson
MD, FACS
Division of Plastic and Reconstructive Surgery
Department of Neurosurgery
Department of Otolaryngology
Mayo Clinic
Phoenix, Arizona

Salvatore Lettieri is the Chair Emeritus of Plastic Surgery at Valleywise Medical Center in Phoenix Arizona. As a Mayo Clinic Faculty member, he serves this role as a joint venture between the Mayo Clinic and Valleywise Medical Center. In this role, he provides the education for the Plastic Surgery Residents form 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 and Craniofacial and Microsurgery Fellowships 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.

Villaret, Douglas - Co-Chairperson
MD
Dr
CEENTA
Charlotte, North Carolina

Swift, James - Director
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.

Goldman, Neal - Lecturer
MD
Facial Plastic and Reconstructive Surgery
The Goldman Center For Facial Plastic Surgery
Boone/Winston Salem, North Carolina

Hale, Robert - Lecturer
DDS
Private Practice
Lecturer, UCLA School of Dentistry
Colonel, US Army Reserve (Retired)
Woodland Hills, California

OMS postgraduate Training Emory University. US Army 1977-1997 and 2003-2016 Past Consultant to Army Surgeon General on CMF Trauma 2009-2014 Retired, Colonel, US Army (32 years service) Lecturer UCLA OMS 1991-Present Private Practice 2014-Present

Kim, D. David - Lecturer
DMD, MD, FACS, MBA
Jack Gamble Chair and Professor
Fellowship Director Head and Neck Surgery and Microvascular Reconstruction
Department of Oral & Maxillofacial Surgery
Louisiana State University Health Science Center Shreveport
Shreveport, Louisiana

Dr. David Kim is the Jack W. Gamble cChair and professor of Oral and Maxillofacial Surgery at Louisiana State University Health Science Center Shreveport in Shreveport, Louisiana. He also currently serves as the program director for the fellowship in Head and Neck Oncology and Microvascular Reconstruction. His clinical interests are in oncology and microvascular reconstructive surgery, trauma, TMJ surgery, dentoalveolar surgery and endoscopic surgery. He has been training residents and fellows since completion of his training in 2003, has served as an examiner for the American Board of Oral and Maxillofacial Surgery and has been an AO Faculty member since 2010.

Louis, Patrick - Lecturer
DDS, MD
Department of Oral and Maxillofacial Surgery
University of Alabama-Birmingham
Birmingham, Alabama

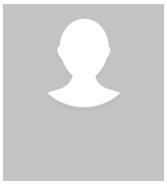
Manson, Paul - Lecturer
MD
Distinguished Service Professor
Plastic, Reconstructive and Maxillofacial Surgery
Johns Hopkins University School of Medicine
Professor of Surgery
University of Maryland Shock Trauma Unit
Baltimore, Maryland

Paul Manson worked for years leading the Plastic Surgery Service in the University of Maryland Shock Trauma Institute from 1977-2000, concentrating on developing principles and techniques for Maxillofacial Trauma Treatment. These basic reconstructive principles were then applied to facial defects from trauma, cancer and acquired conditions. He served as Chairman of Plastic and Reconstructive Surgery at Johns Hopkins and led the Johns Hopkins-University of Maryland Combined Plastic Surgery program from 1990-2010. His career now focuses on reconstructive facial surgery for defects from cancer of the head and neck area, concentrating on the face and scalp.

Metzinger, Stephen - Lecturer
MD, MSPH, FACS
Clinical Associate Professor of Plastic Surgery
Tulane University Health Sciences Center
Aesthetic Surgical Associates
Metairie, Louisiana

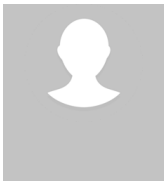
Stephen Eric Metzinger, M.D., M.S.P.H., F.A.C.S. obtained his undergraduate degree at Tulane and received a Master's of Science in Public Health from the Tulane University School of Public Health & Tropical Medicine. He then completed four years of study at the Louisiana State University School of Medicine, New Orleans. He then served a residency in general surgery at the Carraway Methodist Medical Center in Birmingham, Alabama.He pursued training in Otolaryngology/Head & Neck Surgery at the Louisiana State University Health Sciences Center, New Orleans. He then obtained highly specialized fellowship training in Facial Aesthetic Surgery at the prestigious and world-renowned McCollough Aesthetic Medical Center in Birmingham, Alabama.Dr. Metzinger chose to pursue additional training in aesthetic and reconstructive surgery at the prestigious Johns Hopkins Hospital in the Department of Plastic & Reconstructive Surgery. He then completed sub-specialty training at the University of Maryland R. Adams Cowley Shock Trauma Center in Craniomaxillofacial Surgery and Microvascular Surgery. In 1996, he joined Louisiana State University Health Sciences Center, New Orleans. He was dual-appointed in the Department of Surgery, Division of Plastic & Reconstructive Surgery and the Department of Otolaryngology/Head & Neck Surgery. He developed the basic science laboratory for the Plastic Surgery Division and served as Director of Resident Research for both Plastic Surgery and Otolaryngology. In 2000 he was named Co-Program Director of the Plastic Surgery Residency Training Program. During that period, several important publications and advancements in the field of breast reconstruction with perforator flaps, rhinoplasty, cosmetic eyelid rejuvenation surgery, cosmetic facial surgery, nerve regeneration, and minimally invasive cosmetic plastic surgery were developed. Dr. Metzinger is Triple Board Certified in Plastic Surgery, Otolaryngology/Head & Neck Surgery and Facial Plastic & Reconstructive Surgery. Dr. Metzinger is a Clinical Associate Professor at Tulane University Health Sciences Center, Department of Surgery, Division of Plastic & Reconstructive Surgery. Dr. Metzinger is a member of the American Society of Plastic Surgeons (ASPS), American Association of Plastic Surgery (AAPS), and American Society for Aesthetic Plastic Surgery (ASAPS), American Society of Maxillofacial Surgeons (ASMS) and the Rhinoplasty Society.

Pastore, Gabriel - Lecturer
DDS, MSc
Prof. Dr.
Vita Institute
Paulista University
Oral and Maxillofacial Surgery
São Paulo

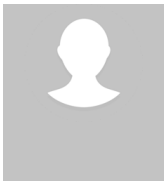


Perdikis, Galen - Table Instructor
MD

Mayo Clinic
Jacksonville, Florida



Ray, Peter - Table Instructor
MD
Assistant Professor
UAB Cleft and Craniofacial Center
University of Alabama-Birmingham
Birmingham, Alabama



Stevens, Mark - Lecturer
DDS
Professor
Department of Oral and Maxillofacial Surgery
Georgia Regents University
College of Dental Medicine
Augusta, Georgia

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.

USE THE BELOW TEXT FOR DIDACTIC COURSES ONLY!

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 course.

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.

Laboratory Waiver:
To participate in this surgical skills course, you will be required to sign a waiver of liability prior to the course. In order to participate, AONA’s policy mandates that every individual must wear appropriate protective garments provided by AO NA during the lab sessions. Participants who do not sign the waiver and wear protective garments will not be allowed to participate in the laboratory sessions.

Human Anatomic Specimens:
This course will involve exposure to and contact with human 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.

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

In-Kind Support
AO North America gratefully acknowledges in-kind support for equipment and technical staff from J&JMedTech.

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