



Maxillofacial Reconstruction: A Focus on Ballistic Injury Management



January 5, 2018 - January 7, 2018
Tampa, FL, USA

Event Description

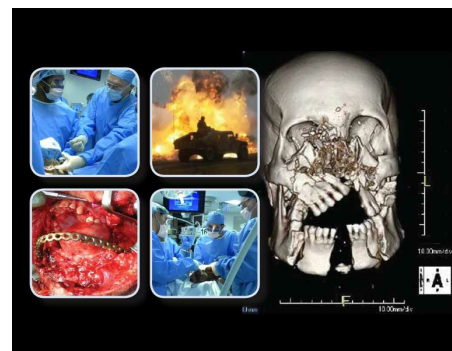
According to the latest data from US Center for Disease Control and Prevention, there are greater than 115,000 firearm injuries in the United States annually. Of these injuries, approximately 16% occur in the head/neck region in unintentional injuries/assault; and greater than 51% in attempted suicide or intentional injuries. The recent conflicts in Afghanistan and Iraq, in addition to the previously noted ongoing management of ballistic injuries in civilian hospitals, have displayed the critical need for comprehensive management protocol of maxillofacial injuries for the attending Craniomaxillofacial trauma surgeon to provide definitive treatment and reconstruction of acquired traumatic deficits.

The course will be divided in two parts; a lecture based "dry" lab, and a cadaver based intra-operative "wet" lab. The dry lab will start with a series of didactic lectures presented by distinguished, international, multidisciplinary faculty and Military AO faculty with extensive experience in the deployed warfare setting, reviewing surgical planning terminology, management of hard-tissue reconstruction, soft-tissue flap reconstructive techniques (both pedicled flaps and free vascular) and finishing with a review of cutting-edge reconstructive planning techniques for the tertiary reconstruction of individuals with Craniomaxillofacial wounds. This will be done in an interactive format whereby a sample pre-surgical plan is being generated on the main screen, and the participants will follow along in a step-by-step fashion with their individual cadaveric specimen. The faculty will circulate to give individual assistance to the participants.

After completion of the pre-surgical plan, each data set will be transferred to a corresponding wet lab work station to be used. Each lab station will include: 1) The cadaver on which the individual pre-surgical plan was performed, 2) Surgical instrumentation, and 3) appropriate plating materials to reconstruct the tissue injury. The participants will learn how to set up the plating sets on their cadaveric specimen. They will then reconstruct the hard-tissue defects with state-of-the-art techniques, and obliterate soft tissue defects with traditional soft tissue pedicled flaps; and discussion of when free-vascular flaps is indicated.

Target Audience

This course is primarily designed for attending surgeons in the fields of Oral and Maxillofacial Surgery, Otolaryngology, Plastic and Reconstruction, Ophthalmology and Oculoplastics. Senior Residents (PGY 3 and above) and Fellows may also find this course beneficial.



Event Summary

Tuition:

Level Name: Participant - Craniomaxillofacial
Pricing Tier: Attending
Tuition: \$1,500.00

Level Name: Participant - Craniomaxillofacial
Pricing Tier: Resident
Tuition: \$1,100.00

Course Prerequisite(s):

No Prerequisites

Venue:

Hilton Tampa Downtown / CAMLS
211 E. Tampa Street
Tampa, Florida, USA
Phone Number: 813-204-3000

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: AMA

-  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 0.00 **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.

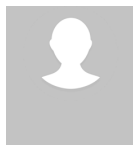
Expected results of AONA's CME activities for surgeons, fellows, and residents are to:

- 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)

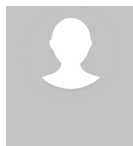
Learner Objectives

Upon completion, participants should be able to:

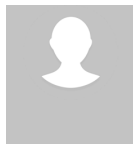
Faculty

**Powers, David - Chairperson**

DMD, MD, FACS, FRCS(Ed)
Associate Professor of Surgery
Director, Duke Craniomaxillofacial Trauma Program
Division of Plastic, Reconstructive, Maxillofacial and Oral Surgery
Duke University Medical Center
Durham, NC

**Ha, Richard - Co-Chairperson**

MD
Clinical Assistant Professor
Department of Plastic Surgery
University of Texas Southwestern Medical Center
Dallas Plastic Surgery Institute
Dallas, TX

**Schmalbach, Cecelia - Co-Chairperson**

MD, MSc, FACS
Professor of Otolaryngology - Head and Neck Surgery
Vice-Chairman, Clinical Affairs
Indiana University School of Medicine
Indianapolis, IN

**Herford, Alan S. - Director**

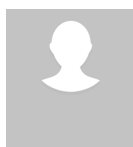
DDS, MD, FACS
Professor and Chair
Department of Oral & Maxillofacial Surgery
Loma Linda University School of Dentistry
Loma Linda, CA

Dr. Herford is currently Professor and Chair of the Department of Oral and Maxillofacial Surgery at Loma Linda University. He is also an Associate Professor of the Department of Surgery, School of Medicine, Loma Linda University Medical Center; and Director, Oral and Maxillofacial Surgery, Department of Surgery at Arrowhead Regional Medical Center. Dr. Herford received his DDS degree from Loma Linda University School of Dentistry. He was then accepted into Oral and Maxillofacial Surgery residency training program at Parkland Hospital in Dallas Texas. He received his MD from the University of Texas at Dallas Southwestern Medical School. Dr. Herford serves on numerous committees and Boards. He is a Fellow of the American Association of Oral and Maxillofacial Surgeons, the American College of Surgeons, the American College of Dentists, and the International College of Dentists. He currently serves on the Board of Directors for the American Board of Oral and Maxillofacial Surgery (ABOMS). He is a past president of the California Association of Oral and Maxillofacial Surgeons (CALAOMS). Dr. Herford has a strong interest in trauma and currently serves as a Director of the North American Craniomaxillofacial Trauma Education Council (NACMF).

**Alpert, Brian - Lecturer**

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

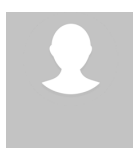
Dr. Alpert was born in Southern California and grew up in Lake Placid, New York. He received his A.B. from University College of New York University in 1963 and is a 1967 graduate of the School of Dental & Oral Surgery, Columbia University. He did his residency in Oral & Maxillofacial Surgery at Long 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 Osborn Award and was named the AONA Craniomaxillofacial Educator of the year in 2004 and the SSOMS Distinguished Educator in 2005. In 2008 he received the ADEA Presidential Citation. 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 70 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 94 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 2 other CMF surgeons in the 30 year history of the Foundation.

**Bitonti, David - Lecturer**

DMD
Clinical Associate Professor in Surgery
Department of Surgery
F. Edward Hébert School of Medicine
Uniformed Services University of the Health Sciences
Faculty, Oral and Maxillofacial Surgery Residency
Walter Reed National Military Medical Center
Bethesda, MD

**Cunningham, Larry - Lecturer**

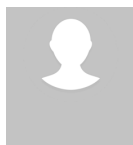
DDS, MD, FACS, FICD
Professor and Chief
Division of Oral and Maxillofacial Surgery
University of Kentucky
Lexington, KY

**Erdmann, Detlev - Lecturer**

MD, PhD, MHS
Professor
Division of Plastic, Reconstructive,
Maxillofacial & Oral Surgery
Durham, NC

**Futran, Neal - Lecturer**

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

**Helling, Eric - Lecturer**

MD
Plastic and Reconstructive Surgery
Charlie Norwood VA Medical Center
Augusta, GA

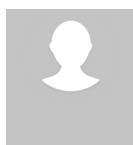
**Henriquez, Oswaldo - Lecturer**

MD
Assistant Professor
Co-Director of Grady Skull Base Center
Assistant Chief Division Otolaryngology Grady Memorial Hospital
Department of Otolaryngology-Head and Neck Surgery
Emory University School of Medicine
Grady Memorial Hospital
Atlanta, GA

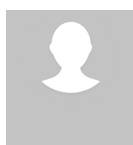
**Kushner, George - Lecturer**

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 Diplomate, 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.

**Latham, Kerry - Lecturer**

MD, MD, FACS
Plastic Surgery
Walter Reed National Military Medical Center
Bethesda, MD

**Manson, Paul - Lecturer**

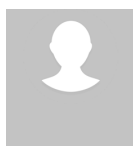
MD
Distinguished Service Professor
Plastic, Reconstructive and Maxillofacial Surgery
Johns Hopkins University School of Medicine
Professor of Surgery
University of Maryland Shock Trauma Unit
Baltimore, MD

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.

**Perry, Michael - Lecturer**

FRCS, FRCS (OMFS), FDS RCS, BSc
Clinical lead OMFS
Regional maxillofacial and trauma centres
Northwest London
London, LND

Mr Perry is a Consultant Oral and Maxillofacial / Craniofacial Surgeon who is on the GMC Specialist list in Oral and Maxillofacial Surgery and registered with both the GMC and GDC. He is a fellow of the Royal College of Surgeons of England. In 2011 he was listed as one of the country's 50 top surgeons by The Times Magazine. Mr Perry was appointed as a consultant initially to the University Hospital of North Staffordshire in 2001, but due to his trauma interest relocated to Belfast in September 2004, gaining over 10 years of experience as clinical lead in craniofacial trauma for the region. His clinical practice also included post traumatic and other causes of facial deformity / disproportion, salivary gland disease and skin lesions. More recently he has moved back to London to develop further his trauma expertise and is now clinical lead in craniofacial trauma for the regional NorthWest London service. Mr Perry is actively involved in undergraduate and postgraduate education and has published extensively, including several books and chapters. He also runs several courses including the conception and design of several trauma related course, one of which is held at the Royal College of Surgeons. He has also lectured both nationally and internationally and is the editor in chief for the International Society of Head and Neck Trauma. <http://www.springer.com/us/book/9781447128540> (Volume 2 in press) <http://eu.wiley.com/WileyCDA/WileyTitle/productCd-111996766X.html> <http://oxfordmedicine.com/view/10.1093/med/9780198529101.001.0001/med-9780198529101> (second edition in press) <http://www.headandnecktrauma.org/> https://www.youtube.com/channel/UC_kh2MVLAOwyXkiW2dDq4qw?view_as=public

**Sawhney, Raja - Lecturer**

MD, MFA, FACS
Assistant Professor
Facial Plastics and Reconstructive Surgery
Otolaryngology / Head and Neck Surgery
University of Florida
Gainesville, FL

AONA 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

*Disclaimer: Program Content is Subject to Change

Provided by AO North America

and the policy of the institution to which it is presented. The Accreditation Council for Continuing Medical Education (ACCME) Standard 2.1, "Disclosure of 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.

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 AONA 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.

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.