CMF
North America

Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction

April 18, 2015 - April 19, 2015
Portland, Oregon, 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 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; and
- 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, Plastic and Reconstruction, Ophthalmology, and Oculoplastics. Practicing surgeons may also find this course beneficial.

Event Summary

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

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

Course Prerequisite(s):
No Prerequisites

Venue:
Embassy Suites Portland Washington Square
9000SW Washington Square Road
Portland, OR, USA
Phone Number: 503-644-4000
www.portlandembassysuites

Language(s):
English
Directly Provided by:
AO North America
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
- Fellow
- Practicing

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.

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 13.25 ***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:

- 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

Mueller, Reid - Chairperson
MD
Dr
Division of Plastic and Reconstructive Surgery
Oregon Health & Science University
Portland, Oregon

Dillon, Jasjit - Co-Chairperson
DDS, MBBS, FDSRCS, FACS
Program Director
Acting Chief of Service, Harborview Medical Center
Department of Oral & Maxillofacial Surgery
University of Washington
Seattle, Washington

Goldberg, Andrew - Co-Chairperson
MD, MSCE, FACS
Professor
Department of Otolaryngology-Head & Neck Surgery
University of California-San Francisco
San Francisco, California

Engelstad, Mark - Director
DDS, MD, MS
Associate Professor & Program Director
Oral & Maxillofacial Surgery
Oregon Health & Science University
Portland, Oregon

I am a surgical educator with a clinical focus on injuries of the facial skeleton and reconstruction of facial anomalies. My research centers on building computerized tools that help clinicians analyze their experiences.

Bush, Kevin - Lecturer
MD, FRCSC
Dr
Division of Plastic Surgery
University of British Columbia Hospital
Vancouver General Hospital
Vancouver, British Columbia

Chandra, Srinivasa - Lecturer
MD, BDS, FDSRCS, FACS
Associate Professor
OMFS-Head & Neck Oncology, Reconstructive Microvascular Surgery
Seattle, Washington

Dr. Chandra, an American and an International Board Certified OMF Surgeon. Formerly the Program Director at OHSU, Portland, Oregon, as an Associate Professor, is a surgical specialist with fellowship training in all aspects of head and neck surgery, including Head and Neck cancer, Craniofacial trauma, Vascular Anomalies, airway reconstruction, Oral rehabilitation, and skull base reconstructive surgery. He is proficient in a full spectrum of harvest and microvascular reconstruction as well as Dentofacial skeletal Implant Surgery. Dr. Chandra completed a Head & Neck Oncologic Surgery & Microvascular Fellowship at the University of Florida College of Medicine, Jacksonville. He holds a post-doctorate diploma from the Royal College of Surgeons of England with extensive training received in various Maxillofacial units in the U.S., England, and India. He holds a full medical degree from St. George's University School of Medicine and a dental degree from Manipal University. In the U.S.A., he has received postgraduate surgical training at Emory University School of Medicine, University of Nebraska Medical Center, and University of Florida College of Medicine. He is a Major in the USARMY MEDCOM as USAR and serves on the WA Boards and Commission for Dental Quality Assurance. He has a research profile on tumor modulators with substantial grants. He is the secretary and treasurer for the IBCSOMS Board. He is serving on the American, International, and Board of Examinations. He is an Adjunct professor at Washington State University, Manipal Academy of Higher Education, and a few others across the globe.

Hopper, Richard - Lecturer

MD, MS
Medical Director, Craniofacial and Plastic Surgery
Texas Children's Hospital North Austin
Professor with Tenure
Samuel Stal Endowed Chair in Plastic Surgery
Baylor College of Medicine
Austin, Texas

Dr. Richard Hopper is the Samuel Stal Endowed Chair of Plastic Surgery and Professor with tenure at Baylor College of Medicine, USA. He is the Medical Director of Plastic Surgery at the new Texas Children's Hospital in Austin, Texas. For the past 22 years, he practiced at the University of Washington in Seattle where he was the Marlys C. Larson Chair in Pediatric Craniofacial Surgery and Chief of the Division of Plastic Surgery at Seattle Children's Hospital. Dr. Hopper completed his plastic surgery residency training in Toronto, Canada and his craniofacial fellowship at New York University, under Dr. Joseph McCarthy. His clinical practice in Austin focuses on sub-cranial distraction procedures for complex upper airway obstruction with a general interest in all surgical treatments of craniosynostosis and cleft lip and palate. His research interests include image-based virtual surgical planning and outcome studies for craniosynostosis and complex craniofacial procedures as well as device design for cleft and craniofacial care. Dr. Hopper is the Immediate Past-President of the International Society of Craniofacial Surgery and past President of the American Society of Craniofacial Surgery. He serves on the Global Medical Advisory Board for Smiletrain International.

Hughes, Pamela - Lecturer

DDS
Dr
Chair and Program Director
Department of Oral and Maxillofacial Surgery
Oregon Health and Science University
Portland, Oregon

Luu, Quang - Lecturer

MD
O'Connell Family Endowed Chair in Head and Neck Oncologic Surgery
Leonard Cancer Institute
Head and Neck Associates of Orange County
Mission Viejo, California

MacLeod, Stephen - Lecturer

BDS, MBChB, FDSRCS, FRCS, FACS, FFST
Professor
Chief, Oral and Maxillofacial Surgery and Dental Medicine
Program Director
Oral and Maxillofacial Surgery Residency
Loyola University
Maywood, Illinois

Stephen MacLeod BDS, MB ChB, FDS RCS (ED&ENG), FRCS (ED), FFST RCS (ED), FACS,FFST Stephen MacLeod is the Chief of Oral & Maxillofacial Surgery and Dental Medicine and Program Director of the Oral and Maxillofacial Surgery Residency Program at Loyola University Medical Center Dr. MacLeod is a graduate of the University of Dundee School of Dentistry. His medical degree is from the University of Aberdeen in Scotland. Dr MacLeod completed his training in oral and maxillofacial surgery in Scotland and was an AO Fellow at the University of Louisville. Dr. MacLeod has been actively involved in research, postgraduate training and education. He has multiple publications and has presented his original research at both national and international meetings. Dr. MacLeod practices full-scope oral and maxillofacial surgery. His clinical interests are reconstructive surgery, maxillofacial trauma, and benign bone pathology. He is particularly involved in faculty development and training in non-technical skills for surgeons.

Ozaki, Wayne - Lecturer

MD, DDS
Professor
Chief, Pediatric Plastic and Craniofacial Surgery
Chair, Oral and Maxillofacial Surgery
UCLA Ronald Reagan Medical Center
Los Angeles, California

Dr. Ozaki received his undergraduate and dental school education at the University of Southern California. Dr. Ozaki trained in an Oral and Maxillofacial Surgery residency and attended Medical School at the University of Pittsburgh. He then studied as the Plastic Surgery Research Fellow at the University of Michigan. Dr. Ozaki continued his training in Plastic Surgery at the University of Michigan. Dr. Ozaki's final training was as the Craniofacial Fellow at UCLA. Dr. Ozaki's first academic position was at Oregon Health & Sciences University in Portland, OR. He became an Associate Professor of Surgery and Chief of Pediatric Plastic and Craniofacial Surgery at Doernbecher Children's Hospital. Dr. Ozaki was hired at UCLA as Professor and Chief of Pediatric Plastic Surgery and Director of Craniofacial Surgery at the David Geffen School of Medicine at UCLA. Dr. Ozaki was also appointed Chair of Oral and Maxillofacial Surgery at UCLA School of Dentistry. Dr. Ozaki is board certified in the American Board of Plastic Surgery and the American Board of Oral and Maxillofacial surgery.

Shibuya, Terry - Lecturer

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

Dr. Shibuya currently is the chair department of Head & Neck Surgery for Kaiser Permanente Orange County, CA and Clinical Professor of Otolaryngology/Head & Neck Surgery at the University of California Irvine School of Medicine. His main interests are in complex anterior skull base tumors, malignancies, trauma and head & neck cancers. He currently co-directs the Regional Comprehensive Skull Base Center for Kaiser Permanente based in Orange County, CA, receiving consultations from all over Southern California. He received his medical degree for Loma Linda University School of Medicine and completed residency in Otolaryngology/Head & Neck Surgery from Wayne State University School of Medicine Detroit, MI. He was the American Academy of Otolaryngology /Head & Neck Surgery Humanitarian Effort Fellow working at the Christian Medical College in Vellore, India. He completed a NIH Sponsored Fellowships in Head & Neck Cancer and Skull Base Surgery at the Karmanos Cancer Institute Detroit, MI and at the University of Bern, Switzerland studying Craniofacial Surgery under the direction of Dr. Joram Raveh. Previously, he has been a full-time faculty member at Wayne State University and the Chief of Otolaryngology/Head & Neck Surgery at Detroit Receiving Hospital. He has also been a full-time faculty member in the department of Head & Neck Surgery and Chao Family Comprehensive Cancer Center at the University of California Irvine School of medicine.

Yamashita, Dennis-Duke - Lecturer

DDS
Dr.
Department of Plastic and Maxillofacial Surgery
Children's Hospital of Los Angeles
Los Angeles, California

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.

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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.

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.

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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.

Exhibitors

DePuy Synthes Technical Staff

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