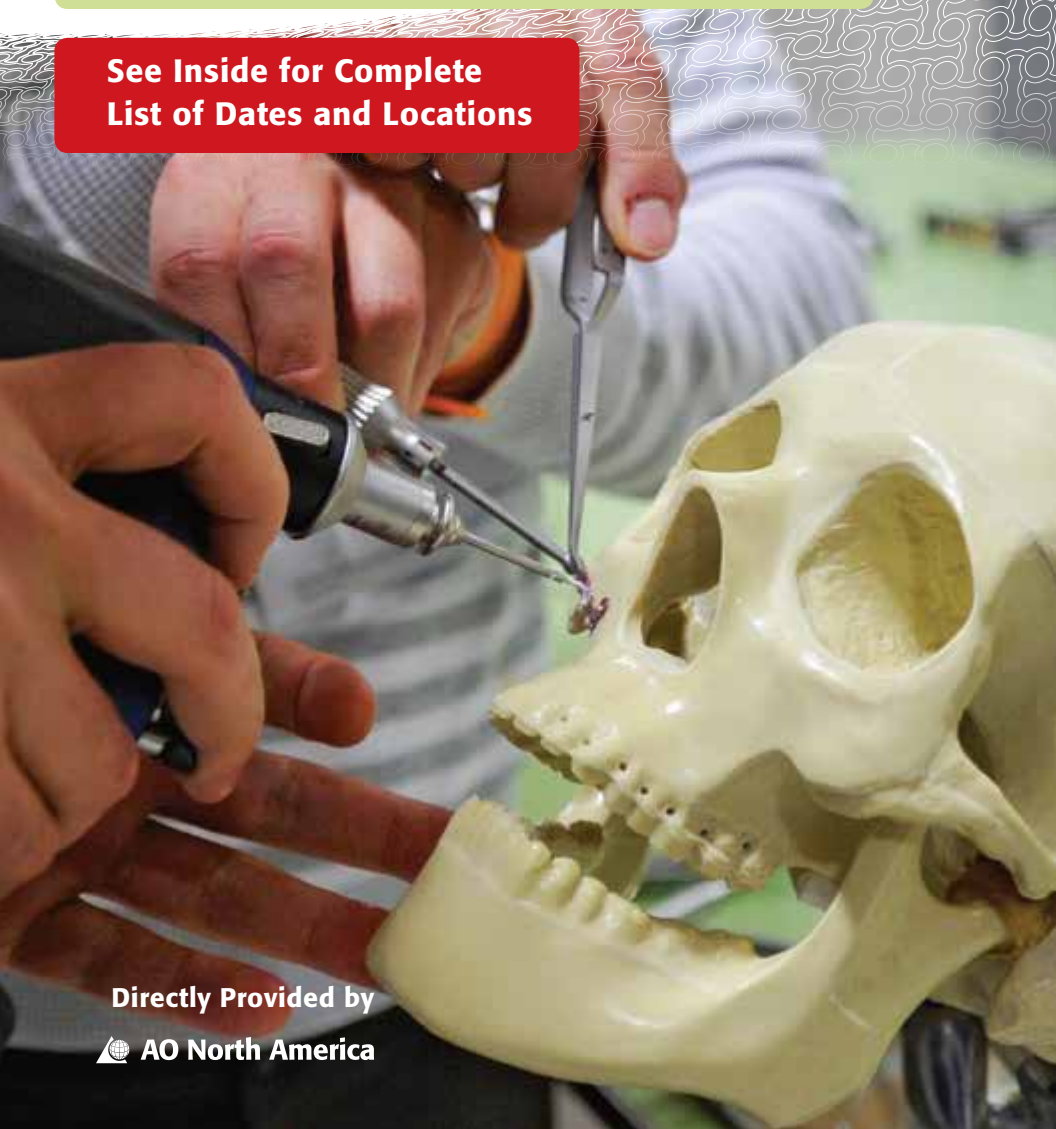


2017 — Preliminary Programs

Management of Facial Trauma

Previously the
*Principles of Operative Treatment of
Craniomaxillofacial Trauma and Reconstruction*

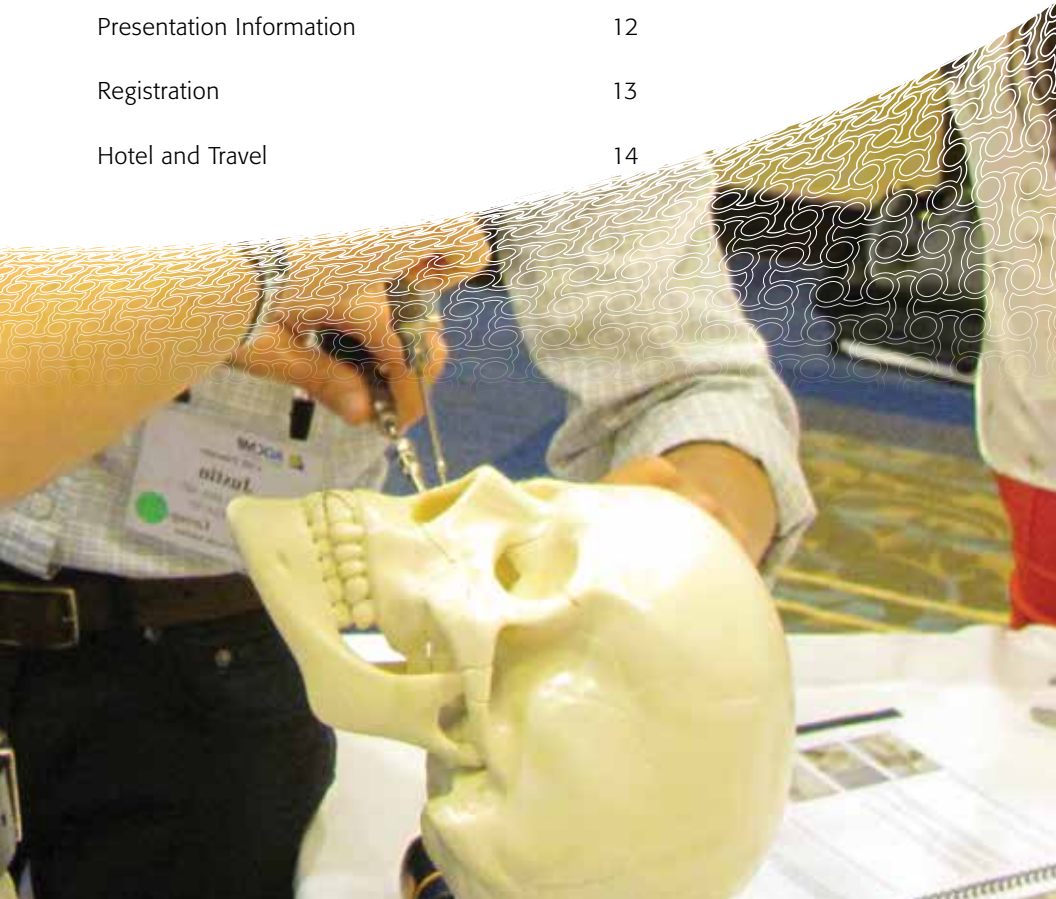
**See Inside for Complete
List of Dates and Locations**



Directly Provided by

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2017 CMF North America Courses

January 6 – 8, 2017

Miami, Florida

Maxillofacial Reconstruction: A Focus
on Ballistic Injury Management
(with Human Anatomical Specimens)

March 11, 2017

Washington, DC

17th Annual Symposium: Selected
Topics in Orthognathics

March 25 – 26, 2017

Las Vegas, Nevada

Management of Facial Trauma

May 6 – 7, 2017

Columbus, Ohio

Management of Facial Trauma

May 19 – 21, 2017

New York, New York

State of the Art: Facial Reconstruction and
Transplantation

August 12 – 13, 2017

Quebec City

Management of Facial Trauma

August 26 – 27, 2017

Boston, Massachusetts

Management of Facial Trauma

September 9 – 10, 2017

San Diego, California

Management of Facial Trauma

October 21 – 22, 2017

Arlington, Virginia

Management of Facial Trauma

November 3 – 5, 2017

Tampa, Florida

Craniomaxillofacial Surgery: Orbital
Approaches and Fundamentals
(with Human Anatomical Specimens)

November 11 – 12, 2017

St. Louis, Missouri

Management of Facial Trauma

December 2 – 3, 2017

Jacksonville, Florida

Management of Facial Trauma

These activities will be approved for *AMA PRA Category 1 Credit™*

All courses subject to modification.

Please visit our website: www.aona.org
to register and for other course offerings.

A letter from the AO CMF North America Education Council Chairperson



As Chairperson of the AO North America Craniomaxillofacial (CMF) Council, I would like to take this opportunity to share with you some thoughts on AO Education.

Founded in Switzerland in 1958 under the name “Arbeitsgemeinschaft für Osteosynthesefragen”, the AO today is the world leader in the study of stable internal fixation and is known as the “Association in Osteosynthesis”.

AO North America (AONA®) is a non-profit organization based on a network of surgeons committed to the study, practice, and teaching of AO principles and their advancement in the field of trauma and reconstructive surgery; working in the areas of research, development, education and quality assurance for the benefit of improving patient care.

The focus is to develop and support graduate and post-graduate education. AONA is an accredited CME provider and is committed to providing the highest quality education for surgeons at all stages of their development. AONA offers a comprehensive spectrum of education activities to support surgeons who strive to be lifelong learners. AONA is dedicated to providing the highest quality educational experience for course participants and Faculty. This is evidenced by the AONA Craniomaxillofacial Systematic Education Approach as described below:

Within the AONA CMF organization, the three primary specialties, oral and craniomaxillofacial surgery, otolaryngology/head and neck surgery, and plastic and reconstructive surgery meet on a constructive basis and develop a joint approach. Recently oculoplastic surgeons and neurosurgeons have joined the organization to further enhance the educational opportunities.

AONA CMF courses are designed to teach principles and techniques at both the theoretical and practical levels. The aim is not to popularize the use of indiscriminate surgical fixation but instead to evaluate scientifically its place in the care of the sick or injured, and to refine surgical practice for optimized patient outcomes. These courses include the annual Advanced Symposium (Level III), Challenges and Advances courses (Level II) and the Principles courses (Level I).

Principles Course Objectives (Level I)

- 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 outcome analysis
- Apply the psychomotor skills developed in the practical exercises into surgical practice

These objectives are reached through lectures, hands-on exercises, panels and small group discussions. This course is designed for Junior Residents, Fellows and Practicing Surgeons looking to refresh their skills. The course presents the basic information regarding the AO Principles of Stable Internal Fixation:

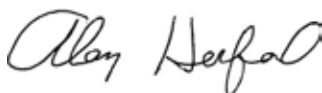
- Anatomic Reduction of the fracture fragments, particularly joint fractures
- Stable fixation to ensure proper healing of the fracture allowing surrounding tissue to move and strengthen
- Atraumatic surgical technique to preserve blood supply to the bone fragments and soft tissue
- Early, pain free mobilization returning the patient to function as soon as possible

Challenges and Advances Objectives (Level II) are determined by the programs. Examples of courses offered to date include: Cadaver Practical Workshops, Distraction Osteogenesis, Orthognathic, Navigation, Pre-surgical Planning and Patient Specific Implants, Orbital Reconstruction, Management of Ballistic trauma, and Pediatrics to name a few. These courses are conducted both didactically and with practical exercises (most with cadavers) and also provide opportunities for panels and small group discussions. These courses are designed for Practicing Surgeons, Fellows and Residents that have completed the Principles course.

The annual Advanced Symposium (Level III) is conducted to address the most challenging issues facing surgeons today. The program is didactic and allows time for small group discussions to assist surgeons in understanding how best to address their concerns. This course is geared towards the Practicing Surgeons, Fellows and most senior Residents.

We hope you will take every opportunity to attend these programs which are designed to assist you in providing improved patient care.

Sincerely,

A handwritten signature in black ink, appearing to read "Alan Herford". The signature is fluid and cursive, with the first name "Alan" and last name "Herford" clearly distinguishable.

Alan S. Herford, DDS, MD, FACS
Chairperson, AOCMF North America Education Council

CME Mission Statement

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 all aspects of musculoskeletal injuries and disorders (i.e., pre-operative planning to post-operative care)



Description

The AOCMF Course—Management of Facial Trauma, is designed to provide the fundamental knowledge and principles for the treatment of craniomaxillofacial fractures and their complications.

It is delivered through a combination of lectures, hands-on practical exercises including the treatment of mandibular fractures with miniplates and treatment of other fractures with various methods of internal fixation as well as small group discussions. The first day addresses midface fractures, the prevention and treatment of complications in the midface fracture and defects. The second day addresses mandibular fracture treatment including diagnostic and treatment principles.

This course is intended for surgeons, practitioners, fellows, researchers, and those in surgical training who are involved in the treatment of facial trauma. It is also for fully-qualified medical specialists in maxillofacial and orthognathic surgery and related disciplines, including those that deal with musculoskeletal head and neck disorders concerning trauma, oncology, reconstruction, and congenital or acquired deformities of the craniofacial skeleton.

Course topics

Mid and upper facial trauma

- Surgical approaches to the midface
- Re-establish pre-traumatic occlusion
- Maxillary fractures
- Zygomatic fractures
- Orbital wall fractures
- Naso-orbito-ethmoidal fractures
- Frontal sinus fractures

Mandibular trauma

- Surgical approaches to the mandible
- Mandibular fractures: load-sharing and load-bearing
- Condylar fractures

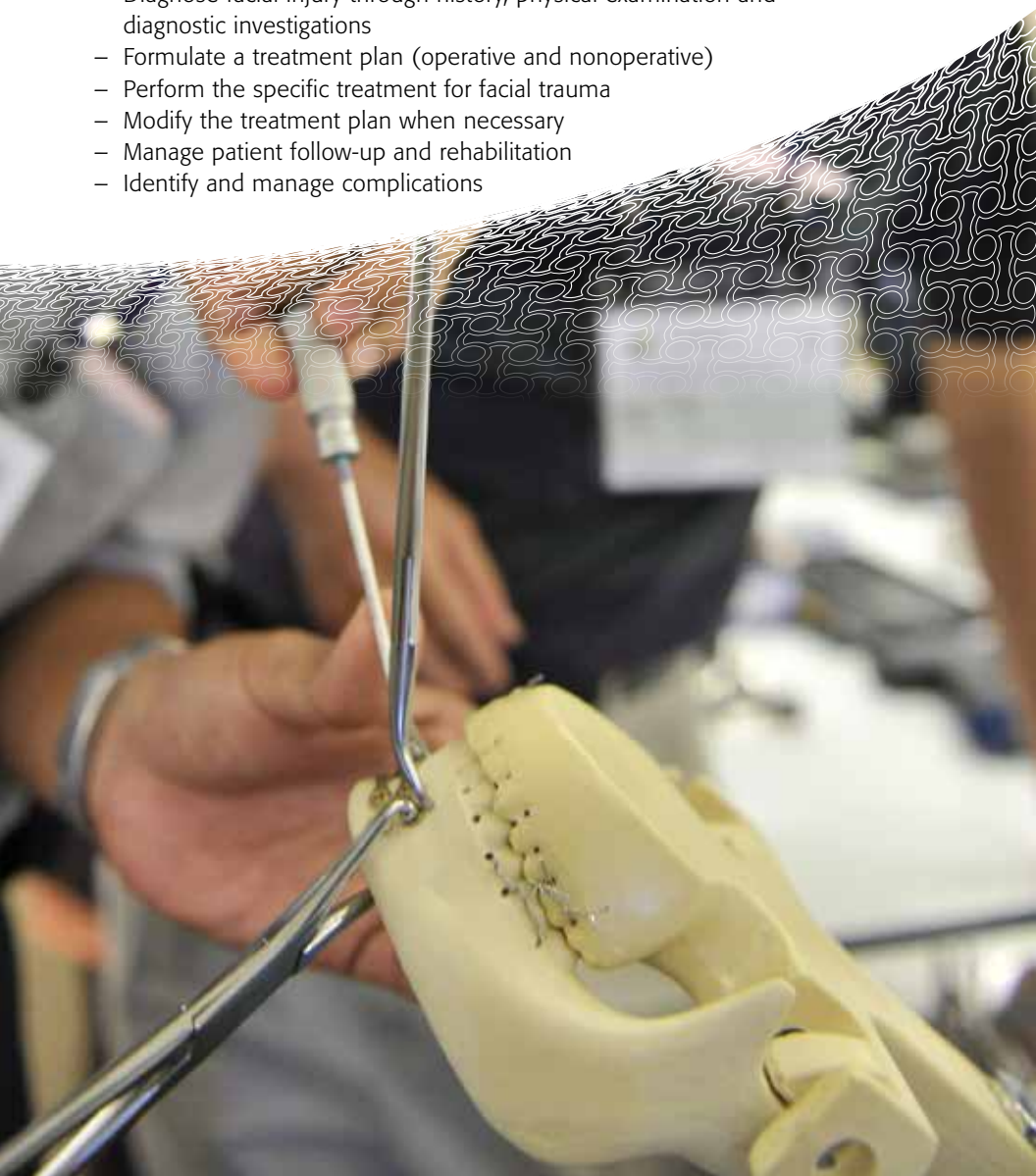
Target Audience

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.

Learner Objectives

At the conclusion of this course, the participant should be able to:

- Diagnose facial injury through history, physical examination and diagnostic investigations
- Formulate a treatment plan (operative and nonoperative)
- Perform the specific treatment for facial trauma
- Modify the treatment plan when necessary
- Manage patient follow-up and rehabilitation
- Identify and manage complications



Accreditation



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**.

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.

For Canadian Based Physicians Attending AONA Courses

All live conferences or live courses held outside of Canada can be reported as accredited group learning activities under Section 1 of the MOC Program if they are developed by a university, academy, college, academic institution or physician organization.

Courses sponsored by AO North America meet the criteria of the Royal College of Physicians and Surgeons for accredited group learning activities.

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.

Preliminary Program – Day 1

Time	Agenda Item
08:00 – 08:10	COURSE OPENING
08:00 – 08:05	Welcome and Introduction
08:05 – 08:10	Mandible Pre-Course Questionnaire
08:10 – 11:40	MID & UPPER FACIAL TRAUMA
08:10 – 08:20	Surgical Approaches to the Midface
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 – 11:05	SMALL GROUP DISCUSSION Cases: Zygomatic, Orbit, Zygoma and Orbit, Le Fort Fractures
11:05 – 11:10	Travel to Lecture Hall
11:10 – 11:20	Summary and Q & A
11:20 – 11:30	NOE (Including Nasal Fractures)
11:30 – 11:40	Frontal Sinus Fractures
11:40 – 12:40	Lunch
12:40 – 17:05	MID & UPPER FACIAL TRAUMA (continued)
12:40 – 12:50	Sequencing Panfacial Fractures
12:50 – 13:15	Pediatric Injuries
13:15 – 13:25	Summary, Q & A
13:25 – 13:35	AOCMF – What is in it for you? (Membership Benefits, Offerings)
13:35 – 13:40	Travel to Practical Exercises
13:40 – 15:10	PRACTICAL EXERCISE 1: Complex Midface Fractures
15:10 – 15:25	Coffee Break / Travel to Small Group Discussions
15:25 – 17:05	SMALL GROUP DISCUSSION Cases: NOE, Nasal, Frontal Sinus
17:05	Adjourn – End of Day 1

Preliminary Program – Day 2

Time	Agenda Item
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	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 – 13:40	SMALL GROUP DISCUSSION Cases: Load Bearing
13:40 – 14:00	Summary, Q & A, Mandible Post Course Questionnaire and Evaluation Questions
14:04	Adjourn – End of Day 2

Acknowledgement:

*AO North America gratefully acknowledges in-kind support
for equipment and/or technical staff from DePuy Synthes.*

*AO North America gratefully acknowledges funding for its educational activities from the
AO Foundation. The AO Foundation receives funding for education from Synthes GmbH.*

Presentation 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 faculty with relevant financial or other relationships 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.

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.

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.

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.

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.

Registration

Registration Fees

The tuition fee for this course has been waived for all participants. Cancellation of your registration must be received 2 weeks prior to the start date of the course. Otherwise, a cancellation fee of \$100.00 will be charged to the credit card on file with AONA Customer Service.

Registration Includes: Course materials, breakfasts, lunch and coffee breaks

Registration is available online only at www.aona.org

We encourage early registration, as seating is limited.

Upon receipt of your registration, you will receive an email confirmation of your registration in the Course, along with hotel and travel information to assist you in making your arrangements.

PLEASE NOTE: Registration deadline is approximately one month before the course date

ADA Statement

AO North America fully intends to comply with the legal requirements of the Americans with Disabilities Act. If any registrant is in need of accommodation, please do not hesitate to submit a written request at least one month prior to this activity.

Until an email confirmation is received, please do not consider yourself registered in this Course.

For Information:

Contact AONA Customer Service Department

Phone: (800) 769-1391 Ext. 5012
(610) 695-2459

Fax: (610) 695-2420

Email: customerservice@aona.org

Hotel and Travel

All International Participants and North America Attending Surgeon Hotel Accommodations and Travel

All International Participants and North American Attending Surgeons' hotel reservations are the responsibility of the individual registrant. If you have not done so, please make your reservation at with the hotel as soon as possible as the room block tends to fill up quickly (see hotel link and phone number can be found online per course at www.aona.org). Be sure to indicate that you are attending the "AO North America Course" when making your reservation to ensure that you receive the group discount rate that has been negotiated per night (plus applicable taxes and fees) for a 2 night stay. This group discount rate will be available until one month before the course date or until the room block fills (whichever comes first). Please be sure to ask the hotel for Check-in time and check out times as they may vary per hotel.

North American Resident Hotel Accommodations and Travel

North American Residents and Fellows traveling from out-of-town (distance greater than 60 miles) will be provided with a standard hotel room for 2 nights (Friday and Saturday). Upon check-in at the hotel, you will be required to provide a credit card to cover individual incidentals. Please complete the reservation information during registration at www.aona.org. If you register for the course but do not attend, your credit card will be charged one night's hotel room rate plus tax. In the event you do not utilize your hotel room for all nights reserved, and AO North America incurs a "no-show" fee for your reservation, your credit card, on file with customer service, will be charged.

* Please Note: Hotel room rate varies based on location of course.

Complete information will be provided in the confirmation email.

Please visit our website: www.aona.org to register and for other course offerings.

AOCMF Membership

Providing a common ground for excellence in craniomaxillofacial surgery



**As an AOCMF member, you have
certain advantages that keep you
ahead in your field:**

- Access to official AOCMF community journal: Craniomaxillofacial Trauma & Reconstruction
- Online access to 8 current scientific journals
- Online access to the archives of 23 scientific journals
- AOCMF teaching videos
- AOCMF Surgery Reference
- Online case discussions
- 10% discount on all AO publications
- Online access to AO Dialogue
- Online access to the AO New Product brochure
- 25 % discount on AOCMF's Manual "Principles of Internal Fixation of the Craniomaxillofacial Skeleton - Trauma and Orthognathic Surgery"
- Online access to CMFline's desktop version



www.aocmf.org



AO North America
1700 Russell Road
Paoli, PA 19301

2017 — Preliminary Program

Management of Facial Trauma

Registration is available only online: www.aona.org
Registration Deadline: One Month Prior to Course Date