A CRANIOMAXILLOFACIAL COURSE

AO Craniofacial Trauma and Reconstruction: Practical Applications of Sound Surgical Principles (AAFPRS)

September 21, 2008
Palmer House Hilton
Chicago, Illinois

Sponsored by AAFPRS
Co-Sponsored by AO North America
AO North America
Continuing Medical Education

Since 1958, the AO has been the leader in musculoskeletal trauma education for disorders and trauma of the musculoskeletal system. Today, AO North America continues that long tradition of teaching excellence, and is proud to offer CME activities for multiple specialties involved in the care of the musculoskeletal system. AONA offers a spectrum of educational activities beginning with residents, and then progresses to the practicing surgeon. AONA allows the surgeon to be a life-long learner by offering modern teaching techniques and state-of-the-art courses that are tailored for today's learner and the requirements for licensure and board recertification. We encourage you to visit the AONA website at www.aona.org. Consider not only attending a course, but becoming a member of AONA. Join the tradition.

Financial and in-kind support provided by Synthes.
Even the most experienced surgeons confront challenges and complex clinical problems when encountering patients with craniomaxillofacial trauma and reconstruction. Posttraumatic craniomaxillofacial hard and soft tissue problems and deformities can be extremely difficult to treat and manage. This symposium is designed to address these dilemmas by focusing on craniomaxillofacial surgery and practical applications of sound surgical principles as related to craniomaxillofacial trauma and reconstruction. Surgeons will be provided with the most up-to-date information on surgical access to critical anatomy, sequencing and concurrent reconstruction of multiple injuries, avoidance of mistakes, and resolving technical dilemmas encountered in practices. The principles and techniques of stable internal fixation will be reviewed in addition to recent advances in craniomaxillofacial surgical techniques regarding the mandible, midface, orbit, nose, imaging and biomaterials. Functional and aesthetic aspects of skeletal trauma and soft tissue alterations will also be discussed.

Lectures, cases, and panel discussions will be presented by distinguished multidisciplinary faculty. Faculty is well known for their expertise in their respective fields and in stable internal fixation of craniomaxillofacial trauma and reconstruction.

Enrollment is open to practicing surgeons, residents, and fellows in Oral and Maxillofacial, Otorhinolaryngology—Head and Neck, Facial Plastic and Reconstructive Surgery as well as Oculoplastic surgeons and other surgical specialties involved in stable internal fixation.

**LEARNER OBJECTIVES**

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

- review the principles and techniques of stable internal fixation;
- identify the most difficult and challenging posttraumatic craniomaxillofacial hard and soft tissue problems and deformities;
- describe reconstructive procedures that are the most effective in correcting specific posttraumatic (and ablative) deformities, particularly the orbit, midface, and mandible;
- recognize the contribution of facial skeletal surgery toward optimum cosmetic and aesthetic outcomes for patients;
- assess new techniques and less invasive approaches in the diagnosis and treatment of craniomaxillofacial trauma and deformities, including emerging technologies, and;
- identify potential risks and benefits of interdisciplinary treatment utilized for optimal rehabilitative treatment and restoration of optimal cranio-maxillofacial form and function.

AONA gratefully acknowledges an educational grant and in-kind support from Synthes.
ACCREDITATION
AO North America is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

DESIGNATION STATEMENT
AO North America designates this educational activity for a maximum of 7.5 category 1 credits toward the AMA Physician’s Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

PRESENTATION INFORMATION
Off-Label/Experimental Discussions
Some medical devices discussed or demonstrated in AONA educational activities may not have been cleared by the FDA or may have been cleared by the FDA for specific uses only. AO North America requires the Faculty for this Course to disclose unlabeled uses of products. It is the Faculty’s responsibility to disclose when an unlabeled use of a commercial product, or an investigational use not yet approved for any purpose, will be discussed during an education activity.

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 this disclosure is not to prevent a speaker with a significant financial or other relationship from making a presentation, but to provide participants with information that might be of potential importance to their evaluation of a presentation.
DISCLAIMER

Registrants for this Symposium understand that medical and scientific knowledge are constantly evolving, and the views and techniques of the instructors are their own and may reflect innovations and opinions not universally shared. The views and techniques of the instructors are not necessarily those of the Academy, or AO North America, or its Foundation, but are presented in this forum to advance scientific and medical education. Registrants waive any claim against the Academy, or AO North America, or its Foundation arising out of information presented in this Symposium. Registrants also understand that operating rooms and health-care facilities present inherent dangers. Registrants waive any claim against the Academy, or AO North America, or its Foundation for injury or other damage resulting in any way from course participation.
Faculty

The Faculty for this Symposium includes surgeons distinguished in the fields of Oral and Maxillofacial Surgery, Otolaryngology—Head and Neck Surgery, and Plastic and Reconstructive Surgery.

CHAIRMAN

Douglas A. Girod, MD, FACS
Professor and Russell E. Bridwell Endowed Chair of Otolaryngology
Senior Associate Dean for Clinical Affairs
University of Kansas Medical Center
The University of Kansas Hospital
Kansas City, Kansas

CO-CHAIRMEN

Warren Schubert, MD, FACS
Professor
University of Minnesota
Chairman
Department of Plastic and Hand Surgery
Regions Hospital
St. Paul, Minnesota

Mark R. Stevens, DDS
Professor and Chairman
Department of Oral and Maxillofacial Surgery
Medical College of Georgia
School of Dentistry
Augusta, Georgia

DIRECTOR

J. David Kriet, MD, FACS
Associate Professor
Director, Facial Plastic and Reconstructive Surgery
Department of Otolaryngology—Head and Neck Surgery
University of Kansas Medical Center
School of Medicine
Kansas City, Kansas
Invited Faculty

John L. Frodel, Jr., MD, FACS
Director, Division of Facial Plastic Surgery
Department of Otolaryngology—Head and Neck Surgery
Geisinger Medical Center
Danville, Pennsylvania

Gorman Louie, MD, FRCSC
Associate Professor
Division of Plastic Surgery
University of Alberta Hospital
Edmonton, Alberta

Alexis B. Olsson, DDS
Associate Professor of Clinical Surgery
Chief, Oral and Maxillofacial Surgery
Department of Surgery
Northwestern University
Feinberg School of Medicine
Chicago, Illinois

Allen Sclaroff, DDS
Professor
Otolaryngology, Oral and Maxillofacial Surgery
Washington University
School of Medicine
St. Louis, Missouri

Kevin A. Shumrick, MD
Professor of Clinical Otolaryngology
University of Cincinnati Medical Center
Cincinnati, Ohio

E. Bradley Strong, MD
Associate Professor
Department of Otolaryngology—Head and Neck Surgery
University of California—Davis
Sacramento, California

Faculty list subject to modification.
# Schedule Overview

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<tr>
<th>Date</th>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>Sunday, September 21</td>
<td>0700 a.m.– 0800 a.m.</td>
<td>Registration/Continental Breakfast</td>
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<tr>
<td></td>
<td>0800 a.m.– 1710 p.m.</td>
<td>Symposium</td>
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# Preliminary Program

**0800–1000**  
**Session I: Maxillofacial Trauma Mechanics**  
Introduction  
History of AO and AO North America  
Biology of Bone Healing (short version)  
Bisphosphonates and Bone Injury  
Radiographic Diagnosis of the Mandible, NOE, Midface, Frontal Trauma  
Occlusion, Training Elastics, and Postoperative Therapy: Nuts and Bolts  
Surgical Approaches to the Mandible

**1015–1125**  
**Session II: Mandible Fracture Treatment**  
Mandible Basic (Emphasizing Plate Choice/Rationale)  
- Angle  
- Body  
- Symphysis  
Complex Mandible (Emphasizing Treatment Choice/Rationale)  
- Edentulous Mandible (Locking Reconstruction Plates)  
- Condylar Fractures (Open, Endoscopic, Closed)

**1125–1200**  
**Panel Discussion**  
Mandible Resident Cases

**1200–1300**  
*Lunch*
Preliminary Program continued

1300–1500  **Session III: Midface Biomechanics and Treatment**
- Midface Anatomy and LeFort Fractures
- ZMC and Orbital Floor Fractures
  (Anatomy, Surgical Approaches and Treatment Options)
- Medial Orbital Wall Fractures
  (Indications, Transcaruncular Approach)
- Frontal Sinus/Skull Base Management
  (Including Mesh Implants/Cranial Reconstruction)
- Nasal-Orbital-Ethmoid (NOE) Fractures

1515–1615  **Session IV: Advanced Topics in Maxillofacial Trauma**
- Panfacial Fractures
- Shotgun/Gunshot Wounds
- Pediatric Fracture Management

1615–1655  **Panel Discussion**
- Orbit, Midface and Panfacial Fractures

1655–1710  **Closing Remarks and Evaluations**

*Schedule and preliminary program subject to modification.*
Symposium Tuition

Tuition for this AO Scientific Symposium will be $50.00 (US Funds)

This Symposium is being held during the 2008 Annual AAFPRS Fall Meeting. The tuition for this Symposium is separate from the registration fee for that event.

Tuition includes: Symposium materials, breakfast, lunch and refreshments

*Until written confirmation is received, do not consider yourself registered in this Symposium.*

Hotel Accommodations and Travel

**HOTEL**


Guestroom reservations are the responsibility of the individual registrant. A special convention rate has been negotiated for AAFPRS attendees of $250.00 per night plus tax for single/double occupancy at the Palmer House Hilton. **These rates are valid until August 18, 2008, or until room block is filled.**

**TRAVEL**

The Palmer House Hilton, located in the Chicago Loop, is located approximately 15 miles from the O’Hare International Airport (ORD) and approximately 12 miles from Midway International Airport (MDW). The hotel does not offer shuttle service from/to the airports. An independent shuttle service, Airport Express, is located outside the baggage claim area of both airports and runs every 15 minutes. For discount coupons or additional information visit the shuttle website: [www.airportexpress.com](http://www.airportexpress.com). Taxis and public transportation are also available. Contact the Palmer House Hilton Concierge for additional transportation assistance.
Registration

Registration is required in advance, as seating is limited. Immediate response is encouraged.

1. Please complete the registration form and return it, along with your tuition payment in full, to:

   AO North America
   Continuing Medical Education
   Re: Chicago AO Symposium (AAFPRS)
   1700 Russell Road
   PO Box 1755
   Paoli, Pennsylvania 19301

   Checks should be made payable to:
   AO North America Continuing Medical Education

   PLEASE NOTE:

   Applications will not be accepted unless the Symposium tuition fees are included with the Registration Form.

2. Registration deadline is September 12, 2008.

   Refunds will be made only if written notice of cancellation is received by September 1, 2008. If cancelled after September 1, 2008, the registration fee is non-refundable.

3. Upon receipt of your registration form and payment, you will be sent a confirmation of your registration in the symposium, along with hotel and travel information to assist you in making your arrangements.

   Until written confirmation is received, do not consider yourself registered in the symposium.

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

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September 21, 2008 — Chicago, Illinois

You may register online at www.aona.org

Please type or print clearly

Name (First) ______________________ (MI) _______ (Last) ___________________________

Badge Name _______________________________ SS# ______________________________
(last 4 digits only)

Previous AO Course Attendance □ Yes □ No

Previous AO Course Dates/Locations _____________________________________________

Address □ Home or □ Business

Street Address (no PO Box) _______________________________________________________
__________________________________________________________ Suite/Apt. #

City ____________________________ State/Province __________________________

Zip/Postal Code __________________ Country ______________________________

E-mail Address(es) ____________________________ (By providing the above information, you grant AO North America permission to contact you.)

Contact Numbers Office ______________________ Home ___________________________

Pager/Cell ____________________________ Fax ______________________________

Specialty __________________________ Degree(s)/Credentials ________________________

Hospital Affiliation Name ____________________________ □ None

City and State ____________________________________________________________

□ Fellow □ Resident □ Other (Specify) ________________________________

PGY □ 1 □ 2 □ 3 □ 4 □ 5

Are you considering trauma as a career choice in orthopaedics: □ Yes □ No

□ Attending Physician?

Years in Practice □ 1–5 □ 6–10 □ 11–15 □ 16–20 □ >20
Tuition for this Symposium will be $50.00 (US funds only)

Payment by: Credit Card  ☐ Visa or  ☐ MasterCard

Credit Card # ____________________________ Exp. Date ______________
Signature _________________________________

☐ Check enclosed payable to AO North America Continuing Medical Education and mailed to: AO North America
Department of Continuing Medical Education
Re: Chicago AO Symposium (AAFPRS)
1700 Russell Road, PO Box 1755
Paoli, PA 19301

Special Needs:

________________________________________________________________________________
________________________________________________________________________________

AO North America fully intends to comply with the legal requirements of the Americans with Disabilities Act (ADA). 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.

Comments:

________________________________________________________________________________
________________________________________________________________________________

Applications will not be accepted unless the Symposium tuition fee is included with the Registration Form.

For Information:
Contact the Craniomaxillofacial Course Registrar
Phone: (800) 769-1391, Extension 5118
       (610) 993-5118
Fax: (610) 695-2420
e-mail: craniomaxregistrar@aona.org

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REGISTRATION FORM ENCLOSED
Registration Deadline: September 12, 2008
Hotel Deadline: August 18, 2008