

Preliminary Program

AOTrauma Course — Advanced Upper Extremity (with Human Anatomical Specimens)

April 23 – 26, 2015

Intercontinental at Doral
Miami, Florida

MARC Miami Anatomical
Research Center
Miami, Florida



AOCMF

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AO North America
1700 Russell Road
Paoli, PA 19301

www.aona.org



Message from AOHand North America Education Committee Chairman

On behalf of my fellow committee members I would like to welcome you to this AONA Educational Activity. We are committed to making this an exceptional educational activity.

AO was founded in 1958 and has a vision of excellence in the surgical management of trauma and disorders of the musculoskeletal system. Our mission is to foster and expand our network of health care professionals in education, research, development and clinical investigation to achieve more effective patient care worldwide. AO North America (AONA) is a regional entity established by the foundation in 1992.

The North America Hand Education Committee provides continuing medical education through national and regional courses, symposia and/or workshops targeted to surgeons and residents specializing in the management of upper extremity (hand, wrist) injuries. These educational offerings incorporate lecture presentations by faculty, surgical video instruction, small group instruction and discussions. Case-based learning is emphasized. This includes case presentations, preoperative planning assessments and techniques and hands-on laboratory sessions. These sessions enable the participants to experience practicing surgical techniques and applications utilizing simulated anatomically correct bone models and applicable instruments and implants.

We have worked hard to ensure that the content of the course provides you with a valuable education experience. We appreciate your feedback. We sincerely hope that you enjoy this learning opportunity.

Sincerely,

Paul Binhammer
AOHand North America Education Committee Chairman

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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, 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
- Apply and document competencies in areas of relevant advances in knowledge in the areas of trauma, degenerative disorders, deformities, tumors, and reconstructive surgical techniques into patient care resulting in improved competence
- Address practice performance gaps by improving management of all aspects of musculoskeletal injuries and disorders (i.e., pre-operative planning to post-operative care)





Course Description

This course will be a hands on cadaveric course emphasizing the principles of hand and upper extremity trauma. The didactic portion will concentrate on clinical case examples and more complex decision making. The dissection experience will emphasize soft-tissue handling and respect for the biology of fracture management. The advanced nature of the course will permit a unique discussion of anatomic exposures. Participants will be able to directly perform the procedures, thus they will be able to determine which types of implants and soft-tissue exposures are best suited for specific fracture patterns. Furthermore, this unique environment will enable us to have separate modules on soft-tissue procedures such as tendon repair, nerve transfers, and local/regional flap coverage.

Target Audience

Enrollment in this course is open to practicing orthopedic, plastic and general surgeons who are interested in expanding their knowledge, skills and clinical judgement in managing problems of the upper extremity and hand.

Learner Objectives

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

- Differentiate the fracture parameters that influence fixation and arthroplasty options for fractures
- Combine fracture reduction and fixation principles with anatomic exposure
- Incorporate the AO principles of fracture fixation to the soft-tissue restraints
- Interpret the fracture radiographs and relate these parameters to fixation type decisions

Accreditation



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

Designation Statement

AO North America designates this live educational activity for a maximum of 26.5 *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.

Faculty

The faculty of this Course is composed of international surgeons distinguished in the field of operative fracture care.

Course Co-Chairmen

Amit Gupta, MD, FRCS

Associate Clinical Professor

Department of Orthopaedic Surgery

University of Louisville

Louisville, Kentucky

Harry Hoyen, MD

Associate Professor

Department of Orthopaedic Surgery

Metrohealth Medical Center

Cleveland, Ohio

Michel Saint-Cyr, MD, FRCSC

Associate Professor

Department of Surgery

Division of Plastic Surgery

Mayo Clinic

Rochester, Minnesota

Invited Faculty

Terry Axelrod, MD, MSc, FRCSC
Professor
Division of Orthopaedic Surgery
University of Toronto
Toronto, Ontario

Kyle D. Bickel, MD, FACS
The Hand Center of San Francisco
Clinical Assistant Professor of Surgery
University of California San Francisco School of
Medicine
San Francisco, California

Paul Binhammer, MSc, MD, FRCSC
Assistant Professor
Division of Plastic Surgery
University of Toronto
Head
Division of Plastic Surgery
Sunnybrook Health Sciences Centre
Toronto, Ontario

John T. Caprio, MD
Professor
Department of Orthopaedics
New York University-HJD
New York, NY
Chief of Hand Surgery
Jersey City Medical Center
Jersey City, New Jersey

Kevin Chung, MD, MS
Charles B. G. de Nancrede Professor of Surgery
Section of Plastic Surgery, Department of Surgery
University of Michigan
Ann Arbor, Michigan

Peter J. Evans, MD, PhD
Director,
Upper Extremity Center &
Cleveland Combined Hand Fellowship
Cleveland Clinic
Cleveland, Ohio

Thomas J. Fischer, MD
Partner - Indiana Hand to Shoulder Center
Associate Clinical Professor
Department of Orthopedics
Indiana University School of Medicine
Department Chairman, Hand Surgery
St. Vincent Hospital & Health Services
Indianapolis, Indiana

Chaitanya Mudgal, MD, MS (Ortho),
MCh
Director, Hand Fellowship Program, Massachusetts
General Hospital
Assistant Professor in Orthopaedics
Harvard Medical School
Boston, Massachusetts

Faculty list subject to change.

Preliminary Program

Thursday, April 23, 2015

Time	Agenda Item
07:30 – 07:35	Welcome/Course Introduction
07:35 – 12:30	ARM MODULE
07:35 – 08:00	Anatomy of the Arm
08:00 – 08:15	Travel to Lab
08:15 – 08:30	PROSECTION: Anterolateral Approach to the Humerus
08:30 – 08:45	PROSECTION: Lateral Approach to the Humerus
08:45 – 09:00	PROSECTION: Posterior Approach to the Humerus
09:00 – 10:15	DISSECTION: Open Reduction Internal Fixation (ORIF) of Humeral Shaft Fracture
10:15 – 10:45	Coffee Break
10:45 – 11:30	PROSECTION: Flaps of the Forearm
11:30 – 12:30	DISSECTION: Flaps of the Forearm
12:30 – 13:30	Lunch with Case Discussions
13:30 – 16:00	ELBOW MODULE
13:30 – 13:45	Anatomy of the Elbow
13:45 – 14:00	Travel to Lab
14:00 – 14:15	PROSECTION: Approaches to the Elbow
14:15 – 15:30	DISSECTION: ORIF Distal Humerus
15:30 – 16:00	Reconstruction of Elbow Instability

Preliminary Program

Friday, April 24, 2015

Time	Agenda Item
08:00 – 08:30	PROSECTION: Reconstruction of Medial Collateral Ligament (MCL)
08:30 – 09:00	PROSECTION: Reconstruction of Lateral Ulnar Collateral Ligament (LUCL)/Annular Ligament
09:00 – 09:30	DISSECTION: Exposures of the Elbow
09:30 – 10:00	Case Discussions with Coffee
10:00 – 14:30	WRIST MODULE
10:00 – 10:20	The Wrist Anatomy
10:20 – 10:30	Travel to Lab
10:30 – 12:00	DISSECTION: Volar and Dorsal Plating of Distal Radius
12:00 – 12:15	Vascularity of the Distal Radius
12:15 – 12:30	Nonunion of the Scaphoid
12:30 – 13:30	Lunch with Cases
13:30 – 14:00	PROSECTION: Vascularity of Distal Radius
14:00 – 14:30	DISSECTION: ORIF of Scaphoid
14:30 – 16:15	DISTAL RADIAL ULNAR JOINT (DRUJ) MODULE
14:30 – 14:50	The DRUJ Anatomy
14:50 – 15:20	Stability of the DRUJ
15:20 – 15:30	Travel to Lab
15:30 – 15:45	PROSECTION: Approaches to the DRUJ
15:45 – 16:00	PROSECTION: The Adams Procedure
16:00 – 16:15	PROSECTION: The BR Wrap

Preliminary Program

Saturday, April 25, 2015

Time	Agenda Item
08:00 – 08:45	DISSECTION: Stabilizing Procedures of DRUJ
08:45 – 09:15	DISSECTION: ORIF Distal Ulna
09:15 – 09:45	Case Discussion
09:45 – 14:20	HAND MODULE
09:45 – 10:05	Anatomy of the Hand
10:05 – 10:20	Coffee Break/Travel to Lab
10:20 – 10:50	PROSECTION: Nerve Transfers
10:50 – 11:50	PROSECTION: Tendon Transfers
11:50 – 13:20	DISSECTION: Nerve and Tendon Transfers
13:20 – 14:20	Lunch with Case Discussion
14:20 – 16:30	THUMB AND DIGITS
14:20 – 14:40	Anatomy of the Thumb
14:40 – 15:00	Approaches and Flaps of the Thumb
15:00 – 15:10	Travel to Lab
15:10 – 15:40	DISSECTION: ORIF Bennett's Fracture
15:40 – 16:30	DISSECTION: Flaps of the Thumb

Preliminary Program

Sunday, April 26, 2015

Time	Agenda Item
08:00 – 08:30	PROSECTION: Exposures of the Digits
08:30 – 09:00	DISSECTION: ORIF Proximal Phalanx Fracture
09:00 – 09:30	DISSECTION: Hemihamate Arthroplasty
09:30 – 10:00	PROSECTION: Flaps of the Fingers
10:00 – 10:30	DISSECTION: Flaps of the Fingers
10:30 – 10:50	Coffee Break and Travel
10:50 – 11:20	Case Discussion and Wrap Up

Preliminary program subject to modification.

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

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 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.

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.

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.

Tuition and Registration

Tuition: Fellow 850.00 (US funds)
Attending 1,350.00 (US funds)

Tuition Includes: Registration, laboratory materials, breakfast, lunch and break refreshments.

Registration is available online only at www.aona.org

We encourage early registration, as seating is limited.

Upon receipt of your registration and payment, 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 March 24, 2015.

Full refunds will be made only if written notice of cancellation is received by the registration dead line date. Cancellations received after the deadline date will be subject to a 10% cancellation fee. No tuition refund will be issued for cancellations after the start date of the course.

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

(610) 695-2459

Fax: (610) 695-2420

Email: customerservice@aona.org

Hotel and Travel

Hotel Accommodations

Room reservations are the responsibility of the individual registrant. A block of rooms has been reserved at a rate of \$129.00 per night, plus tax, single / double occupancy, at

The Intercontinental at Doral Miami
2505 NW 87th Avenue
Doral FL 33172
Phone: 305-468-1400.

Rooms will be held until March 24, 2015 or until room block is filled, whichever comes first.

Travel

Miami International Airport (MIA)
Distance 6 miles to hotel.
Complimentary Airport Shuttle
Parking Available/307 Spaces
Complimentary Self Parking
.

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



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