

AO Trauma Hand NA—Advanced Wrist and Elbow Course (with human anatomical specimens)

November 13, 2025 - November 15, 2025 Palm Beach Gardens, Florida, USA

COURSE DESCRIPTION:

There is an intimate relationship in bone and soft-tissue anatomy in upper extremity (UE) injury and reconstruction. The relative anatomy of tendons and neurovascular structures renders them susceptible to injury at the same time the osseous and articular structures are injured. This new advanced course will teach AO Principles with respect for small bone fixation, specific exposures for the UE and soft tissue reconstruction techniques for the elbow, forearm and wrist, helping participants to recognize and differentiate between stable and unstable fracture patterns in the UE.

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 elbow and wrist. Orthopedic and plastic surgery fellows and sr. residents will also find this course beneficial.



Event Summary

Tuition:

Level Name: Participant - Hand Pricing Tier: Attending Tuition: \$1,550.00

Level Name: Participant - Hand Pricing Tier: Fellow Tuition: \$1,050.00

Course Prerequisite(s): No Prerequisites Venue: JnJ Institute - Palm Beach Gardens 4800 River side Dr Palm Beach Gardens, Florida, USA Phone Number: 561-6271080 Language(s): English Directly Provided by:

North America

Professional Level Prerequisite(s): No Prerequisites

2

CME

Continuing Education Credit: 21.00



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 21.00 **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., preoperative planning to post-operative care)

Learning Objectives

Upon completion, participants should be able to:

- Differentiate the fracture parameters that influence fixation and arthroplasty options for fractures
- · Combine fracture reduction and fixation principles with anatomic exposures
- Utilize the AO Principles of fracture fixation and the soft-tissue envelope
- Interpret the fracture radiographs and relate these parameters to fixation/stability decisions

Faculty



Cassidy, Charles - Co-Chairperson

MD Henry H. Banks Professor and Chairman Department of Orthopaedics Tufts Medical Center Boston, Massachusetts

Dr. Cassidy is the Chairman of the Department of Orthopaedic Surgery for Tufts Medical Center, and the Henry H. Banks Professor and Chairman of Orthopaedics at Tufts University School of Medicine. He is a summa cum laude graduate of Brooks School in North Andover, MA. He received his Bachelor of Arts degree from Harvard College, where he received the Biochemistry Department Prize and The Hoopes Prize for the outstanding undergraduate thesis. He is an Alpha Omega Alpha graduate of Northwestern University School of Medicine. He completed his postgraduate training in the Tufts Affiliated Hospitals Orthopaedic Residency, the Tufts Combined Hand Fellowship, and was a visiting clinician at the Mayo Clinic. He is board certified in Orthopaedic Surgery, has completed the Certificate of Added Qualification in Hand Surgery, and is a member of the American Orthopaedic Association. He has received the mentor of the year award from Tufts University School of Medicine and the outstanding teacher award from the Tufts Orthopaedic Residency Program. He served as Program Director of the Tufts Affiliated Hospitals Orthopaedic Residency and Clinical Orthopaedics and Related Research. He is the Tufts Hand Fellowship Director, a member of the board of the Tufts Medical Center Physician Organization, and past Orthopaedic Surgery Program Director . He is past president of the Massachusetts Orthopaedic Association and the New England Hand Society and a member of the Council of Orthopaedic Residency Directors. He has written and spoken extensively on traumatic and rheumatoid wrist and elbow disorders. His clinical specialties include hand, elbow and upper extremity surgery, upper and lower extremity trauma reconstruction and management of acute skeletal trauma. Dr. Cassidy has also completed the Faculty and Chair Education Programs and is a past member of the Hand Education Committee.



Lawton, Jeffrey - Co-Chairperson

MD Chief, Hand and Upper Extremity Professor, Orthopaedic Surgery Associate Chair for Quality and Safety, Orthopaedic Surgery Professor, Plastic Surgery University of Michigan Ann Arbor, Michigan

Dr. Lawton completed his Orthopaedic Surgery Residency at Northwestern University in Chicago and his Hand Fellowship at the Raymond Curtis National Center for Treatment of the Hand and Upper Extremity at Union Memorial Hospital in Baltimore. He went on to serve as Chief of the Combined Orthopaedic/Plastic Hand Surgery Service in the Department of Orthopaedic Surgery at the University of Kentucky. Subsequently, he practiced hand and upper extremity surgery at the Cleveland Clinic before transitioning to The University of Michigan where he has been Chief of Elbow Hand and Microsurgery in the Department of Orthopaedic Surgery. Dr. Lawton was elected to membership in the Alpha Omega Alpha Honor Medical Society and has received a number of teaching awards. His interests include congenital/pediatric hand, trauma/post-traumatic reconstruction and elbow trauma / degenerative conditions. He was selected to AO North America Hand Faculty and the AO Hand Education Committee and has completed the Faculty Education Program.

Agenda

Day 1

Thursday, November 13, 2025 - 06:30 - 18:00 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
06:30 - 07:30	Breakfast and Course Registration			
07:30 - 07:45	Welcome and Introduction			
07:45 - 09:00	MODULE I: ELBOW			
07:45 - 07:55	Elbow Anatomy and Imaging			
07:55 - 08:10	Approaches to the Elbow: Posterior, Lateral, Medial, Anterior			
08:10 - 08:20	Distal Humerus Fractures: Supracondylar, Intercondylar, Coronal Shear			
08:20 - 08:30	Proximal Radius Fractures (head/neck)			
08:30 - 08:40	Proximal Ulna Fractures (olecranon/coronoid			
08:40 - 08:50	Elbow Instability			
08:50 - 09:00	Complex Injury Patterns			
09:00 - 09:15	Coffee Break and Travel to Lab / Change into Scrubs			
09:15 - 11:45	PRACTICAL EXERCISE I: ELBOW			
09:15 - 09:30	Prosection: Lateral Approach to the Elbow, Radial Head Fixation/Replacement; Lateral Ligament Repair/Reconstruction			
09:30 - 10:10	Dissection: Lateral Approach; Radial Nerve/Capitellum; Radial Head Repair/Replacement; Lateral Ligament Repair			
10:10 - 10:25	Prosection: Medial/Anterior Approach to Elbow; Coronoid Fixation; Medical Ligament Repair			
10:25 - 10:55	Dissection: Medial/Anterior Approach; Distal Biceps/Ulnar Nerve/Coronoid; Medial Ligament Repair			
10:55 - 11:10	Prosection: Posterior Approach to the Elbow; Olecranon Osteotomy; Distal Humerus Fracture Fixation			
11:10 - 11:45	Dissection: Posterior Approach to the Elbow; ORIF Distal Humerus			
11:45 - 12:45	Lunch with Case Discussions			
12:45 - 13:55	MODULE II: ELBOW			
12:45 - 13:05	Soft Tissue Coverage of the Elbow: Reverse Lateral Arm, Anconeus, FCU, BR, Radial Forearm			
13:05 - 13:35	Nerve Transfer - Elbow/Forearm: Oberlin, Median to Radial Nerve, AIN to Ulnar, Motor			
13:35 - 13:55	Elbow Arthritis: Osteocapsular; Arthroplasty/Interposition/Total Elbow; Arthroplasty			
13:55 - 14:05	Travel to Lab / Change into Scrubs			
14:05 - 16:30	PRACTICAL EXERCISE II: ELBOW			
14:05 - 14:25	Prosection: Soft Tissue Coverage of the Elbow			
14:25 - 15:10	Dissection: Soft Tissue Coverage of the Elbow			
15:10 - 15:30	Prosection: Nerve Transfers Elbow/Forearm			
15:30 - 16:00	Dissection: Nerve Transfers Elbow/Forearm			
16:00 - 16:10	Prosection: Interposition Arthroplasty			
16:10 - 16:30	Dissection: Interposition Arthroplasty			
16:30 - 16:45	Travel to Lecture / Coffee Break			
16:45 - 18:00	Case Discussions: Elbow			

Day 2

Friday, November 14, 2025 - 07:00 - 17:20 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
07:00 - 07:45	Breakfast			
07:45 - 09:00	MODULE III: WRIST			
07:45 - 08:00	Approaches to the Wrist and Carpus			
08:00 - 08:15	Pediculed Distal Radius Vascularized Bone Grafts			
08:15 - 08:30	Scaphoid Nonunion			
08:30 - 08:45	Forearm Based Flaps			
08:45 - 09:00	Wrist Denervation			
09:00 - 09:10	Travel to Lab / Change into Scrubs			
09:10 - 11:45	PRACTICAL EXERCISE III: WRIST			
09:10 - 09:20	Prosection: Radial Forearm and PIA Flaps			
09:20 - 10:00	Dissection: Radial Foream and PIA Flaps			
10:00 - 10:10	Prosection: Approaches to the Carpus			
10:10 - 10:40	Dissection: Approaches to the Carpus			
10:40 - 10:50	Prosection: Pedicled Distal Radius Vascularized Bone Grafts			
10:50 - 11:20	Dissection: Ediciled Distal Radius Vascularized Bone Grafts			
11:20 - 11:30	Prosection: Wrist Denervation			
11:30 - 11:45	Dissection: Wrist Denervation			
11:45 - 12:45	Working Lunch with Cases and Travel to Lecture Hall			
12:45 - 14:15	MODULE IV: DISTAL RADIUS			
12:45 - 13:00	Distal Radius Fracture: Functional Anatomy and Radiography			
13:00 - 13:15	Algorithm for Reconstructing the Distal Radius Fracture			
13:15 - 13:30	Volar Rim Fragment			
13:30 - 13:45	Dorsal Spanning Plates vs Ex-Fix			
13:45 - 14:00	Distal Radius Fracture Malunion			
14:00 - 14:15	Case Discussion: Distal Radius Fractures			
14:15 - 14:35	Coffee Break and Travel to Lab / Change into Scrubs			
14:35 - 17:00	PRACTICAL EXERCISE IV: DISTAL RADIUS			
14:35 - 14:50	Prosection: Distal Radius Fractures, Exposures, Dorsal Span Plate			
14:50 - 15:15	Dissection: Distal Radius Fractures Exposures			
15:15 - 15:30	Prosection: Fragment Specific Fixation			
15:30 - 16:15	Dissection: Fragment Specific Fixation			
16:15 - 17:00	Dissection: Distal Radius Frqactures - Instrumentation			
17:00 - 17:10	Change and Travel to Lecture Hall			
17:10 - 17:20	Debrief Day 2			

Day 3

Saturday, November 15, 2025 - 06:30 - 10:40 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
06:30 - 07:00	Breakfast			

07:00 - 07:05	Recap Day 3
07:05 - 07:50	MODULE V: CARPUS & DRUJ
07:05 - 07:20	Anatomy of the Carpus and Ligaments
07:20 - 07:35	SLAC and SNAC
07:35 - 07:50	Anatomy of the DRUJ
07:50 - 08:00	Travel to Lab / Change into Scrubs
08:00 - 09:40	PRACTICAL EXERCISE V: CARPUS & DRUJ
08:00 - 08:10	Prosection: Brunelli
08:10 - 08:20	Prosection: Adams DRUJ Reconstruction
08:20 - 08:30	Prosection: PRC and 4 Corner Fusion
08:30 - 09:40	Dissection: Brunelli, Adams, PRC 4 Corner
09:40 - 09:50	Change and Travel to Lecture Hall
09:50 - 10:30	Case Discussion: Scaphoid Nonunion with/without Vascularized Bone Graft, Distal Radius Lunate Facet, Distal Radius Fracture with External Fixator
10:30 - 10:40	Course Wrap Up
10:40 - 10:40	Adjourn

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.

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.

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.

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 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.

Acknowledgment

In-Kind Support

AO North America gratefully acknowledges in-kind support for equipment and technical staff from J&JMedTech.

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.