



AO Trauma NA Blended Course - Advanced Principles of Fracture Management



February 13, 2025 - February 15, 2025
Columbus, Ohio, USA

Building on the knowledge and skills gained through the AO *Basic Principles in Fracture Management* course, this *Advanced Principles of Fracture Management* course explores the treatment of complex fractures and fracture complications.

Through didactic case-based presentations and faculty and participants' group discussions, participants will gain expert insight into:

Complex fractures of the upper and lower extremities

Fractures of the pelvis and acetabulum

Fracture complications and polytrauma management



This course also provides **valuable, hands-on experiences** through the opportunity to **practice newly learned surgical techniques** on artificial bones. Participants will use preoperative planning and the **latest fixation techniques to address the treatment of malunions and nonunions**.

Prerequisite: The AO *Basic Principles of Fracture Management* course is a prerequisite for the *Advanced Principles of Fracture Management* course as familiarity and competence with instrumentation and techniques will be assumed.

Blended Course Timeline

Self-Study pre-recorded lectures and assessments - **January 6 - 31, 2025**

(must be completed in its entirety to advance to the In-Person Small Group Discussions and Practical Lab)

****All Self Study Material Must Be Completed by January 31, 2025 @ 8AM ET****

In-Person Small Group Discussions and Practical Lab (3-days) - **Columbus, Ohio - February 13-15, 2025**

Event Summary

Tuition:

Level Name: Participant - Orthopaedic

Pricing Tier: Resident

Tuition: \$1,300.00

Level Name: Participant - Orthopaedic

Pricing Tier: Attending

Tuition: \$1,690.00

Course Prerequisite(s):

- AOTrauma Course – Basic Principles of Fracture Management

Venue:

Hilton Columbus at Easton

3900 Chagrin Drive

Columbus, OH, USA

Phone Number: 614-414-5000

www.columbusoh.hilton.com

Language(s):

English

Directly Provided by:



Professional Level Prerequisite(s):

- Residency Year 3
- Residency Year 4
- Residency Year 5
- Residency Year 6
- Residency Year 7
- Residency Year 8
- Fellow

CME

Continuing Education Credit: 34.25



- 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 34.25 **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:

- Apply reduction techniques in fracture management with attention to soft tissue
- Assess and treat complex diaphyseal and (peri)articular fractures using advanced application techniques
- Demonstrate strategies for assessing and treating open fractures and soft tissue injuries
- Initiate appropriate management for patients with pelvic injuries and polytrauma
- Recognize complications and manage accordingly

Faculty



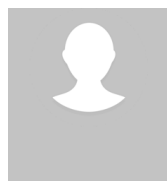
Wright, Raymond - Chairperson

MD
Professor
Orthopaedic Trauma Fellowship Director
Associate Residency Program Director
Department of Orthopaedic Surgery
University of Kentucky Chandler Medical Center
Lexington, Kentucky



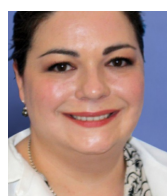
Daccarett, Miguel S - Lecturer

MD
Director Orthopedic Trauma Service Associate Director Orthopaedic Trauma Fellowship
Department of Orthopaedic Surgery
University of Louisville
Louisville, Kentucky



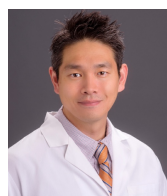
Dziadosz, Daniel - Lecturer

MD
Dr
Department of Orthopaedics
Bayfront Hospital
Florida Medical Clinic - Orlando Health
St Petersburg, Florida



Gheraibeh, Petra - Lecturer

MD
Assistant Professor
Department of Orthopaedic Surgery
Wayne State University/Detroit Medical Center
Detroit, Michigan



Jang, Yohan - Lecturer

DO, FAAOS
Assistant Professor
Orthopaedic Trauma Surgery
Indiana University, School of Medicine
Indianapolis, Indiana

Assistant Professor, Orthopaedic Surgery Trauma Indiana University, School of Medicine, Indianapolis, IN Orthopaedic Surgery Trauma Fellowship, Indiana University Methodist Hospital, Indianapolis, IN Orthopaedic Surgery Residency, Beaumont Health, Michigan State University, Farmington Hills, MI



Krupko, Thomas - Lecturer

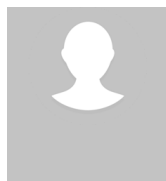
MD
Assistant Professor of Orthopaedic Trauma
Department of Orthopaedics
University of Florida
Gainesville, Florida

Thomas Krupko is an Assistant Professor of Orthopaedic Trauma and the Clinical Operations Director of Orthopaedics at the University of Florida. He completed his orthopaedic residency at Summa Health Systems in Akron, Ohio in 2018. He completed a fellowship in orthopaedic trauma at the University of Kentucky in 2019. He currently resides in Gainesville, Florida with his wife and two daughters. He has clinical interest in pelvis/acetabulum fractures, shoulder and elbow trauma, foot and ankle trauma, and deformity correction. He is passionate about education in all forms and was inspired to pursue a career in orthopaedic trauma by his experience at the AO basic fracture course.



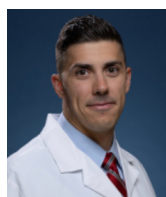
Perdue, Paul - Lecturer

MD
Associate Professor
Department of Orthopaedic Surgery
Virginia Commonwealth University Medical Center
Richmond, Virginia

**Roberts, Zachary - Lecturer**

MD

Kansas City, Missouri

**Romeo, Nicholas - Lecturer**

DO

Assistant Professor

Department of Orthopaedics

Case Western Reserve University

MetroHealth Medical Center

Cleveland, Ohio

**Vaidya, Rahul - Lecturer**

MD, FRCSC

Professor and Chairman Orthopaedic Surgery

Wayne State University

Chief of Orthopaedic Trauma Detroit Medical Center

Program Director Trauma Fellowship

Detroit, Michigan

Dr. Rahul Vaidya, MD CM FRCSC, Professor and Chair Wayne State University, Chief of Orthopaedic Surgery at Detroit Receiving Hospital, Program Director of the DMC/Wayne State Fellowship in Orthopaedic Trauma. Medical Degree and Orthopaedic Residency at McGill University in Montreal; Fellowships in Orthopedic Trauma at the Vancouver General Hospital -University of British Columbia and Spine Surgery at McGill University. Canadian Armed Forces Reservist,. Published over 100 articles in peer-reviewed journals, several book chapters, and 11 patents. An invited speaker at many national and international conferences and chaired conferences on Spine and Trauma Surgery. Developed INFIX for Pelvic fractures with the Orthopaedic team at Detroit Receiving Hospital. Other research interests include complex Spine Surgery, and the use of modern biologics in Orthopaedic Surgery. Research on the complications of rHBMP-2 in Spinal Surgery. CEO of Bonesetter USA which is involved in developing low cost solutions for modern Orthopaedic Problems including the Bonesetter APP. (<https://detroitbonesetter.com/>), ABC Nail Mold and subcutaneous fixation techniques Proud member of AO Trauma.

Agenda

Day 1

Thursday, February 13, 2025 - 07:00 - 18:25 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
07:00 - 08:00	Registration and Breakfast			
08:00 - 08:15	Introduction and Welcome (in Lab)		Wright, R	
08:15 - 09:30	PRACTICAL EXERCISE 1: Unknown Humerus Fracture	Dziadosz, D		
09:30 - 09:40	Travel to Discussion Group			
09:40 - 11:10	SMALL GROUP DISCUSSION 1: Reduction Techniques - Concept and Application			
11:10 - 11:30	Introduce Unsolved Case for Small Group to Collaborate			
11:30 - 12:15	Lunch			
12:15 - 13:30	MODULE: Reduction	Krupko, T		
12:15 - 12:30	Reduction - Step One of Every Preoperative Plan		Potter, D	
12:30 - 12:45	The Universal Distractor and Other Tools of the Trade - Your Reduction Toolbox		Roberts, Z	
12:45 - 13:15	Faculty Discussion vs. Debate: Ideal Techniques of Reduction			
13:15 - 13:30	Module Summary Q&A		Krupko, T	
13:30 - 13:40	Travel to Discussion Group			
13:40 - 15:10	SMALL GROUP DISCUSSION 2: Upper Extremity Fractures - Decision Making and Methods of Stabilization			
15:10 - 15:40	Teamwork on Unsolved Case Assignment			
15:40 - 15:50	Travel to Lab			
15:50 - 16:50	PRACTICAL EXERCISE 2: Proximal Humerus Fx	Perdue, P		
16:50 - 17:10	Break			
17:10 - 18:25	PRACTICAL EXERCISE 3: Distal Intra-articular Humerus Fx	Romeo, N		
18:25 - 18:25	Course Adjourns for the Day			

Day 2

Friday, February 14, 2025 - 07:00 - 19:00 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
07:00 - 08:00	Breakfast			
08:00 - 09:30	SMALL GROUP DISCUSSION 3: Fractures of the Femur and Tibial Plateau			
09:30 - 10:00	Teamwork on Unsolved Case Assignment			
10:00 - 10:15	Break Travel to Lecture Hall			
10:15 - 11:15	Introduction to Digital Templating: Bonesetter		Vaidya, R	
11:15 - 13:15	PRACTICAL EXERCISE 4: Distal Femur Fracture			
13:15 - 14:15	Lunch			
14:15 - 15:45	PRACTICAL EXERCISE 5: Bicondylar Tibial Plateau	Gheraibeh, P		
15:45 - 16:00	Break Travel to SGD			
16:00 - 17:30	SMALL GROUP DISCUSSION 4 - Fractures of the Foot and Ankle			
17:30 - 18:00	Teamwork on Unsolved Case Assignment			

18:00 - 19:00

Career Perspective from AO Faculty: (Interactive and Optional)

Blomberg, J
 Daccarett, M
 Dziadosz, D
 Gheraibeh, P
 Jang, Y
 Krupko, T
 Perdue, P
 Potter, D
 Roberts, Z
 Romeo, N
 Vaidya, R
 Wright, R
 Yoo, B

Day 3

Saturday, February 15, 2025 - 07:30 - 15:00 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
07:30 - 09:00	Breakfast with SMALL GROUP DISCUSSION 5: Difficult Fracture Problems			
09:00 - 09:30	Present Unknown Case to SGD Faculty			
09:30 - 11:30	PRACTICAL EXERCISE 6: Tibial Pilon Fracture	Daccarett, M		
11:30 - 12:30	Lunch			
12:30 - 12:45	Unsolved Case Presentation: Winner			
12:45 - 13:15	Bonesetter Tutorial for Malunion Correction		Vaidya, R	
13:15 - 14:45	PRACTICAL EXERCISE 7: Femoral Malunion: Preop Planning and Osteotomy	Vaidya, R		
14:45 - 15:00	Course Summary / Adjourn		Wright, R	

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.

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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Acknowledgment

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.