



AO Trauma NA Blended Course - Advanced Principles of Fracture Management



August 27, 2026 - August 29, 2026
Houston, Texas, 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 - **July 13 - August 7, 2026**

(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 August 7, 2026 @ 8AM ET****

In-Person Small Group Discussions and Practical Lab (3-days) - **Houston, Texas August 27-29, 2026**

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:

Marriot Marquis

Houston

1777 Walker Street

Houston, Texas, USA

Phone Number: 1-713-654-1777

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

Agenda

Day 1

Thursday, August 27, 2026 - 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)			
08:15 - 09:30	PRACTICAL EXERCISE 1: Unknown Humerus Fracture			
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			
12:15 - 12:30	Reduction - Step One of Every Preoperative Plan			
12:30 - 12:45	The Universal Distractor and Other Tools of the Trade - Your Reduction Toolbox			
12:45 - 13:15	Faculty Discussion vs. Debate: Ideal Techniques of Reduction			
13:15 - 13:30	Module Summary Q&A			
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			
16:50 - 17:10	Break			
17:10 - 18:25	PRACTICAL EXERCISE 3: Distal Intra-articular Humerus Fx			
18:25 - 18:25	Course Adjourns for the Day			

Day 2

Friday, August 28, 2026 - 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			
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			
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)			

Day 3

Saturday, August 29, 2026 - 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			
11:30 - 12:30	Lunch			
12:30 - 12:45	Unsolved Case Presentation: Winner			
12:45 - 13:15	Bonesetter Tutorial for Malunion Correction			
13:15 - 14:45	PRACTICAL EXERCISE 7: Femoral Malunion: Preop Planning and Osteotomy			
14:45 - 15:00	Course Summary / Adjourn			

AO NA Disclaimer Information

Faculty Disclosure:

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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:

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