



AO Trauma NA Course - Basic Principles of Fracture Management Practical Labs Session 2



August 28, 2021 - August 29, 2021
Boston, Massachusetts, USA

Event Summary

Tuition: Level Name: Participant - Orthopaedic Pricing Tier: Resident Tuition: \$750.00	Venue: Boston Marriott Copley Place 110 Huntington Avenue Boston, Massachusetts, USA Phone Number: 617- 236-5800 https://www.marriott.com	Language(s): English Directly Provided by:  Professional Level Prerequisite(s): <ul style="list-style-type: none">• Residency Year 2• Residency Year 3• Residency Year 4• Residency Year 5• Residency Year 6• Residency Year 7• Residency Year 8• Fellow• Practicing
Course Prerequisite(s): <ul style="list-style-type: none">• Trauma Online Basics Lecture and Discussion Groups		

CME

Continuing Education Credit: 15.50



- AO North America is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.
- AONA has been resurveyed by the Accreditation Council for Continuing Medical Education (ACCME) and awarded Accreditation with Commendation.

- **Designation Statement** - AO North America designates this live educational activity for a maximum of 15.50 **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:

- Discuss the concepts of stability, their influence on bone healing, and how to apply implants to achieve appropriate stability.
- Apply reduction techniques in fracture management with attention to the importance of the soft tissue
- Apply related psychomotor skills to the practical application of orthopedic implants to fractured bones

Faculty

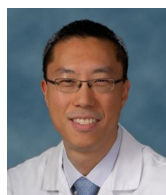


Achor, Timothy - Lecturer

MD
Professor
Director, Orthopaedic Trauma Fellowship
Department of Orthopaedic Surgery
University of Texas Health Science Center
McGovern Medical School at Houston
Memorial Hermann Texas Medical Center

Houston, Texas

Dr. Timothy S. Achor is the Director of the Orthopaedic Trauma Fellowship at the University of Texas Health Science Center/Memorial Hermann—Texas Medical Center, and Associate Professor of Orthopaedic Surgery for the Department of Orthopaedic Surgery. Dr. Achor was born in Upstate New York, but lived most of his childhood outside Toledo, Ohio. He obtained an undergraduate degree at Miami University in Oxford, Ohio. He attended medical school at the Medical College of Ohio and completed a five year orthopaedic surgery residency at New York Medical College. He went on to complete an orthopaedic trauma fellowship in New York City at the Hospital for Special Surgery under the direction of Dr. David Helfet. He has lived and worked in Houston since completing his training, where he has become one of the busiest orthopaedic trauma surgeons in the country. His current interests include treating severe musculoskeletal injuries about the pelvis, hip, knee and ankle, as well as treating nonunions and complications of fractures. He also is active in the education of medical students, residents and fellows both in Houston and at conferences nationwide. He is an active member of many professional societies, including the American Academy of Orthopaedic Surgeons, the Orthopaedic Trauma Association, and AO Trauma North America. Dr. Achor is board-certified by the American Board of Orthopaedic Surgery. When not at the hospital, Dr. Achor enjoys spending time with his family and going to car shows.



Ahn, Jaimo - Lecturer

MD, PhD
Professor
Director of Orthopaedic Trauma
Department of Orthopaedics
Emory University at Grady
Atlanta, Georgia

Jaimo Ahn, MD, PhD is Professor & Vice Chair of Orthopaedic Surgery, Director of Orthopaedic Trauma and an orthopaedic surgeon-scientist-educator at Grady Memorial with Emory University. He completed a clinical fellowship in Orthopaedic Traumatology at the Hospital for Special Surgery, Weill Cornell Medical College and traveling fellowships at the University of Bern, Switzerland and across western North America with the American Orthopaedic Association. He served his internship and residency in orthopaedic surgery at the University of Pennsylvania where he also received his MD-PhD in Cell & Molecular Biology and performed a fellowship in molecular orthopaedics. Prior to that, he was a research associate at UCSF after receiving his undergraduate degree in Biological Sciences from Stanford University. In addition to studying the education physicians and scientists, he participates in basic science research with a focus on bone regulation/regeneration and fracture healing and clinical research with a focus on prospective orthopaedic trauma outcomes and surgical decision-making. In addition, the translation of research/ideas to the real world is important to Jaimo and he is active in the realization of several patents/companies. To complete the academic triad, he is active in medical education, having served as Advisory Dean, Associate Program Director and Student Director previously at Penn, Associate Chair for Education and Academy of Medical Educators at Michigan, Board member of the American Physician Scientists Association, a former member of the USMLE test material development committee and current member of the ABOS question writing task force and oral examinations. He enjoys reviewing for journals as varied as JAMA, Science Translational Medicine, CORR, Journal of Orthopaedic Trauma, Frontiers in Surgery. Outside of academics, he loves to travel, eat, drink and exercise with his wife, family and friends. Educationally, he is always open to discussion with trainees.



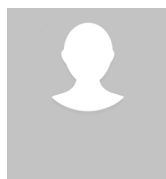
Bishop, Julius - Lecturer

MD
Associate Professor
Associate Residency Director
Orthopaedic Trauma Fellowship Director
Department of Orthopaedic Surgery
Stanford University Medical Center
Palo Alto, California



Hake, Mark - Lecturer

MD
Assistant Professor
Department of Orthopaedics
University of Michigan
Ann Arbor, Michigan



Hakeos, William - Lecturer

MD
Henry Ford Hospital
Orthopaedic Trauma Surgery
Detroit, Michigan

**Harris, A. Michael - Lecturer**

MD
Orthopaedic Trauma
Hughston Clinic
Jacksonville, Florida

**Keener, Emily - Lecturer**

DO
Broward Health Medical Center
Fort Lauderdale, Florida

**Krumrey, Jacqueline - Lecturer**

MD
Program Director
Samaritan Health Services Orthopaedic Surgery Residency
Corvallis, Oregon

Dr. Krumrey has been practicing orthopaedic trauma for over 20 years. She is currently the program director at the Samaritan Health Services Orthopaedic Surgery Residency in Corvallis, Oregon. Teaching has always been a passion, and each resident is treated like a member of her family. She enjoys all the great outdoor opportunities in Oregon with her husband and son.

**Osgood, Greg - Lecturer**

MD, FACS, FAAOS
Associate Professor
Chief, Division of Orthopaedic Trauma
Department of Orthopaedic Surgery
Johns Hopkins University
Baltimore, Maryland

Dr. Osgood is the Chief of Orthopaedic Trauma at Johns Hopkins School of Medicine, where he has practiced for 13 years. His research interests include augmented reality and virtual reality for surgery, enhanced perioperative visualization, robotics and navigation in orthopaedics. He served as Senior Flight Surgeon and Orthopaedic Trauma Director in the United States Air Force for 9 years, and has multiple combat deployments in the Balkans and Middle East.

**Schenker, Mara - Lecturer**

MD, MBA
Chief Medical Information Officer, Grady Memorial Hospital
Professor, Emory University
Atlanta, Georgia

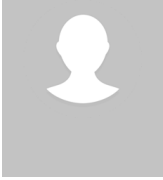
**Scolaro, John - Lecturer**

MD, MA
Chief, Orthopaedic Trauma
Residency Program Director
Department of Orthopaedic Surgery
University of California, Irvine
Orange, California

**Smith, Carla - Lecturer**

MD, PhD
Boise, Idaho

I completed my trauma fellowship at Harborview medical center and at the University of Zurich. My practice is trauma, post-traumatic deformity and sequelae of trauma. I work overseas with Fracture Care International-SIGN as well as Orthopedics Overseas. I teach for the AO and enjoy seeing patients recover from trauma and helping them recover from injuries.

**Taitzman, Lisa - Lecturer**

MD, MPH
Professor
Harborview Medical Center
Seattle, Washington

**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

Saturday, August 28, 2021 - 07:00 - 19:00 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
07:00 - 07:45	Registration and Boxed Breakfast			
07:45 - 08:00	Introduction / Welcome		Ahn, J Osgood, G	
08:00 - 09:45	PRACTICAL EXERCISE I: (Absolute Stability); A. Introduction to Implants; B. Lag Screw; C. Neutralization Plate; D. Buttress Plate	Bishop, J		
09:45 - 10:00	Break			
10:00 - 11:30	PRACTICAL EXERCISE I: Absolute Stability (Continued): E. Axial Compression with Plates; F. Oblique Fracture: Lag Through Plate; G. Olecranon Fixation	Keener, E		
11:30 - 12:20	Lunch			
12:20 - 14:30	PRACTICAL EXERCISE II: (Relative Stability); A. External Fixation; B. Bridge Plating; C. Comparison of Locked and Unlocked Screws in Osteoporotic Bone; Practical Exercise IX: External Fixation	Scolaro, J		
14:30 - 14:40	Travel to Lab			
14:40 - 15:40	AO SKILLS LAB Part 1	Hake, M		
15:40 - 15:45	Travel to Discussion Group			
15:45 - 16:30	Nailing Flip Chart Discussion Group			
16:30 - 17:30	PRACTICAL EXERCISE III: IM Nailing: A. Femur; B. Tibia	Hakeos, W		
17:30 - 17:45	Travel to Breakout			
17:45 - 19:00	PRACTICAL EXERCISE IV: Pre-Op Planning - Forearm Model	Vaidya, R		

Day 2

Sunday, August 29, 2021 - 06:45 - 14:50 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
07:30 - 08:45	PRACTICAL EXERCISE V: Operate Your Plan Radius / Ulna	Vaidya, R		
08:45 - 09:00	Break			
09:00 - 10:45	PRACTICAL EXERCISE VI: Ankle Fractures	Krumrey, J		
10:45 - 11:00	Travel to Skills Lab			
11:00 - 12:00	AO SKILLS LAB Part 2	Harris, A		
12:00 - 13:00	Lunch			
13:00 - 14:45	PRACTICAL EXERCISE VII: Intertrochanteric Hip Fracture	Achor, T		
14:45 - 14:50	Wrap-up		Ahn, J Osgood, G	

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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.

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Acknowledgment

Educational Grant

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