



Tips and Tricks for Orthopedic Surgeons



November 1, 2018 - November 4, 2018
Marco Island, FL, USA

Musculoskeletal disorders and diseases are the leading cause of disability in the United States and account for more than one-half of all chronic conditions in people over 50 years of age. Treatments that mitigate the long-term impact of musculoskeletal disease and return patients to full and active lives are needed.

New surgical techniques and technologies are now available to assist the orthopedic surgeon in the treatment of complex fractures, particularly with traumatic injuries. Community-based orthopedic surgeons need to know how to apply new surgical techniques and technologies now available to assist them in the treatment of complex fractures.

Target Audience: This course is designed for community-based surgeons. It will also be valuable to surgeons who are at level III, IV, or V trauma centers with familiarity of the basic techniques and principles of internal fixation. The format will consist of didactic sessions, and small group discussions on various trauma cases.



Event Summary

Tuition:

Level Name: Participant - Orthopaedic
Pricing Tier: Attending
Tuition: \$1,000.00

Level Name: Participant - Orthopaedic
Pricing Tier: Resident
Tuition: \$800.00

Course Prerequisite(s):

No Prerequisites

Venue:

Marriott Marco Island
400 S. Collier Boulevard
Marco Island, Florida, USA
Phone Number: 1-239-394-2511
<http://www.marriott.com/hotels/travel/mrkfl-jw-marriott-marco-island-beach-resort/>

Please Note: This course is available to physicians only.

Language(s):

English

Directly Provided by:



Professional Level Prerequisite(s):

- Residency Year 2
- Residency Year 3
- Residency Year 4
- Residency Year 5
- Residency Year 6
- Residency Year 7
- Residency Year 8
- Attending
- Fellow

CME

Continuing Education Credit: 21.75

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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 21.75 **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)

Learner Objectives

Upon completion, participants should be able to:

- Explain recent technological advances in the treatment of difficult fractures
- Describe current techniques for improved wound and fracture healing as well as fracture reduction and fixation options
- Develop a comprehensive treatment plan for patients with commonly encountered complex fractures
- Describe current options for the treatment of complex periarticular fractures and dislocations
- Identify contemporary issues in the management of complex shoulder, elbow and wrist trauma

Faculty



Hubbard, David - Co-Chairperson

MD
Professor
Chief, Section of Orthopaedic Trauma
Program Director
Department of Orthopaedic Surgery
West Virginia University
Morgantown, WV



Ring, David - Co-Chairperson

MD, PhD
Associate Dean for Comprehensive Care
Professor of Surgery and Psychiatry
University of Texas at Austin -- Dell Medical School
Austin, TX

Dr. David Ring is Professor of Surgery and of Psychiatry at Dell Medical School -- The University of Texas at Austin. He is a prolific researcher, teacher, and writer in the field of upper extremity trauma and post-traumatic reconstruction. He also champions that evidence that resiliency reduces symptoms and limitations for all types of medical problems and that it can be learned and practiced.



Wilber, Roger - Evaluator

MD
Metrohealth Medical Center
Cleveland, OH



Axelrod, Terry - Lecturer

MD, MSc, FRCSC
Professor
Division of Orthopaedic Surgery
University of Toronto
Toronto, ON



Coles, Chad - Lecturer

MD, FRCSC
Associate Professor
Dalhousie University
QE II Health Sciences Centre
Halifax, NS



Crist, Brett - Lecturer

MD
Associate Professor
Vice Chairman of Business Development
Director Orthopaedic Trauma Service
Director Orthopaedic Trauma Fellowship
Department of Orthopaedic Surgery
Columbia, MO



Cross, Brian - Lecturer

DO
Director, Orthopedic Trauma Service
Broward Health Medical Center
Associate Professor
Department of Orthopedics
NOVA Southeastern University
Fort Lauderdale, FL



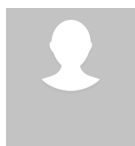
Dyer, George - Lecturer

MD, FACS
Program Director, Harvard Combined Orthopaedic Residency
Associate Professor of Orthopaedic Surgery
Harvard Medical School
Brigham and Womens Hospital
Boston, MA

**Fischer, Thomas - Lecturer**

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

PROFESSIONAL BIOGRAPHY OF THOMAS J. FISCHER Dr. Fischer has been a partner at the Indiana Hand to Shoulder Center since 1987. He has spent his entire professional life after training at his current practice. He has actively participated in the teaching at the residents at the Indiana University School of Medicine Department of Orthopedics since 1988. He has been in continuous practice of orthopedic education since that time. Dr. Fischer is the only native Hoosier in the 10-person partnership that comprises the Indiana Hand to Shoulder Center. In a busy fellowship-associated clinical practice, he has maintained his relationship with the orthopedic residents, so as to provide a quality undergraduate educational experience for their hand rotation. Much of Dr. Fischer's professional life has included postgraduate adult orthopedic education in the area of fracture and injury care. His participation in education with the Athletic Training Program at Butler University and the Physician Assistant Program at Butler University, as well as his commitment of the education of hand therapists is part of this commitment to postgraduate education. His work in the AO International and AO North America educational process has provided both a high quality training ground for his educational pursuits, as well as an opportunity to educate orthopedic surgeons, plastic surgeons, and general surgeons, and operating room personnel on a worldwide basis. Dr. Fischer has participated in the American Board of Orthopedic Surgery's Board Certification process at an examiner level. In addition, his work with the Butler University College of Pharmacy and Health Sciences and on the Board of Visitors, and his eventual work on the Board of Trustees, has been a further extension of his commitment to education. His work in government has included time on the Indiana Department of Natural Resources Water Management Board and Advisory Board for the Natural Resource Commission. Both of these positions were appointed by the Governor. He has been married to his wife, Maribeth Zay-Fischer, a non-practicing attorney, and he has raised 4 children Andy, Sally, Katie and Jimmy. He loves spending time with them watching Butler sports, camping, hiking, fishing, and his most favorite, bike riding. Along with those activities, Dr. Fischer is an avid photographer. Currently, Dr. Fischer is the Department Chairman of Hand Surgery at St. Vincent Hospital and Health Services. He is also a Trustee Board member at Butler University. Dr. Fischer serves on numerous committees such as: North American Hand Education Committee starting in February of 2008; American Orthopaedic faculty member starting in April of 1990; and Hand Expert Group starting in January of 2005. He sees patients in Indianapolis and Terre Haute.

**Gladden, Paul - Lecturer**

MD
Chief of Orthopaedic Trauma Surgery
Residency Program Director
Associate Professor
Tulane University School of Medicine
New Orleans, LA

**Hughes, James - Reviewer**

MD, FACS
M. Beckett Howorth Professor
Professor Emeritus
Department of Orthopaedic Surgery
UMMC
Medical Director BMHT
Jackson, MS

**Sirkin, Michael - Lecturer**

MD
Vice Chairman, Department of Orthopaedics
Co-Chief, Orthopaedic Trauma Service
Professor of Orthopaedics
Rutgers-New Jersey Medical School
Newark, NJ

Dr. Sirkin is a graduate of University of Medicine and Dentistry of New Jersey-New Jersey Medical School and then stayed at the New Jersey Medical School for his orthopedic residency. He continued his training where he completed his fellowship in orthopedic trauma in Tampa at the Florida Orthopedic Institute. His practice consists of all areas of orthopedic trauma including complex fracture care and associated complications with a focus on long bone infections. He is frequently an invited speaker on the topic of acute and chronic osteomyelitis and the treatment of these infections. He is currently the vice chairman and professor in the department of Orthopedics at Rutgers-New Jersey Medical School, in addition he is the co-chief of the orthopedic trauma service. Dr. Sirkin currently serves on AOTEC and serves as chair of the committee. In addition to his clinical duties, he is the vice chairman of his department, co-chief of the orthopedic trauma service and president of his faculty practice, a 300+ person multi speciality group. He has held numerous administrative positions both within the hospital and within his faculty practice. Jobs he has held have been president of the medical staff, Chief medical informatics office, compliance office for facility practice, and secretary for the faculty practice. He also is intimately with managed care within the practice and the hospital.

Agenda

Day1

Thursday, November 01, 2018 - 07:00 - 13:00 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
07:00 - 07:10	Introduction		Hubbard, D Ring, D	
07:10 - 07:15	What to Refer and When		Cross, B	
07:15 - 07:30	Cases and Panel Discussion - What to Refer and When	Cross, B		
07:30 - 07:35	Timing / Soft Tissues		Sirkin, M	
07:35 - 08:00	Cases and Panel Discussion : Timing / Soft Tissues	Sirkin, M		
08:00 - 08:05	Tibial Plateau		Hubbard, D	
08:05 - 08:45	Cases and Panel Discussion - Tibial Plateau	Hubbard, D		
08:45 - 08:50	Fracture and Ligament Injury of the Knee		Coles, C	
08:50 - 09:30	Cases and Panel Discussion - Fracture and Ligament Injury of the Knee	Coles, C		
09:30 - 10:30	Discussion Groups / Lab (with Coffee)			
09:30 - 10:30	Lower Extremity: Knee Fracture Dislocation and Tibial Plateau			
09:30 - 10:30	Upper Extremity: Proximal Humerus			
10:30 - 11:15	Common Upper Extremity Fractures That Are Usually Treated Non-Operatively: Potential Case Types: Non-displaced Scaphoid, Aligned Distal Radius, Ulnar Shaft, Isolated Radial Head or Neck, Distal Humerus and Olecranon in Infirm/Inactive Patients, Closed Humerus Shaft, Most Proximal Humerus		Ring, D	
11:15 - 12:00	Upper Extremity Fractures that Benefit from Operative Treatment: Potential case types: Displaced Scaphoid Fractures, Perilunate Fracture Dislocation, Complex Distal-Radius Fractures, Both Bone Diaphyseal Forearm, Traumatic Elbow Instability, Open Humerus Fracture with Radial Nerve Deficit		Fischer, T	
12:00 - 13:00	KEYNOTE ADDRESS: The Central Role of Trauma in Orthopedic Surgical Education		Dyer, G	
13:00 - 13:00	Adjourn			

Day2

Friday, November 02, 2018 - 06:45 - 13:00 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
06:45 - 07:00	Recap Day One		Hubbard, D Ring, D	
07:00 - 07:05	Femur Shaft		Gladden, P	
07:05 - 07:40	Cases and Panel Discussion - Femur Shaft	Gladden, P		
07:40 - 07:45	Distal Femur		Hubbard, D	
07:45 - 08:20	Cases and Panel Discussion: Distal Femur	Hubbard, D		
08:20 - 08:25	Periprosthetic Fractures		Crist, B	
08:25 - 09:00	Cases and Panel Discussion - Periprosthetic Fractures	Crist, B		
09:00 - 10:30	Discussion Groups / Lab with Coffee			
09:00 - 10:30	Lower Extremity: Periprosthetic Femur Fractures			
09:00 - 10:30	Upper Extremity: Elbow			
10:30 - 11:15	Upper Extremity Fractures with Different Operative Techniques to Choose From: Potential Case Types: Clavicle Shaft (nail vs. plate), Proximal Humerus (nail vs. plate vs. arthroplasty), Humerus (nail vs. plate: anterior vs. posterior approach), Olecranon Fractures (tension band wire vs. plate), Distal Humerus Fracture (perpendicular vs. parallel plating vs. arthroplasty), Some Elbow Fracture Dislocations (repair of MCL, external vs. internal fixation /hinge, fixation of coronoid)		Dyer, G	
11:15 - 12:00	Upper Extremity Fractures That Are Really Difficult to Treat: Consider Referral: Potential Case Types: Capitellum and Trochlea Fractures, Bicolumnar Fractures of the Distal Humerus, Some Elbow Fracture-Dislocations, AO C3.2 and C3.3 Distal Radius Fractures			
12:00 - 13:00	KEYNOTE ADDRESS: Management of Acute and Chronic Osteomyelitis		Sirkin, M	
13:00 - 13:00	Adjourn			

Day3

Saturday, November 03, 2018 - 06:45 - 13:00 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
06:45 - 07:00	Recap Day Two		Hubbard, D Ring, D	
07:00 - 07:05	Femoral Neck (Young)		Crist, B	
07:05 - 07:40	Cases and Panel Discussion - Femoral Neck	Crist, B		
07:40 - 07:45	Intertrochanteric / Subtrochanteric Fractures		Coles, C	
07:45 - 09:00	Cases and Panel Discussion - Intertrochanteric / Subtrochanteric Fractures	Coles, C		
09:00 - 09:05	Tibial Shaft		Gladden, P	
09:05 - 09:40	Cases and Panel Discussion - Tibial Shaft	Gladden, P		

09:40 - 11:15	Discussion Groups / Lab (with Coffee)	
09:40 - 11:15	Lower Extremity: Subtrochanteric and Intertrochanteric Fractures	
09:40 - 11:15	Upper Extremity: Wrist	
11:15 - 12:00	Salvaging Upper Extremity Injuries: Potential Case Types: Infection, Stiffness/HO, Nerve Problems, Malnutrition, Nonunions, Arthritis, Instability, Symptomatic Implants / Tendon Irritation	Axelrod, T
12:00 - 13:00	KEYNOTE ADDRESS: Burnout in Orthopedics	
13:00 - 13:00	Adjourn	

Day4

Sunday, November 04, 2018 - 06:45 - 10:00 - (includes breaks, travel-time and meals)

Schedule	Title	Moderator	Faculty	Room
06:45 - 07:00	Recap Day Three		Hubbard, D Ring, D	
07:00 - 07:05	Ankle		Coles, C	
07:05 - 08:00	Cases and Panel Discussion - Ankle	Coles, C		
08:00 - 08:05	Tibial Pilon		Sirkin, M	
08:05 - 08:30	Cases and Panel Discussion - Tibial Pilon	Sirkin, M		
08:30 - 08:35	Complications: Infection / Compartment Syndrome		Sirkin, M	
08:35 - 09:20	Cases and Panel Discussion: Infection / Compartment Syndrome	Sirkin, M		
09:20 - 09:25	Nonunion		Cross, B	
09:25 - 10:00	Cases and Panel Discussion - Nonunion	Cross, B		
10:00 - 10:00	Adjourn		Ring, D	

AONA 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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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.

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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.

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Acknowledgment

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