




## Hand and Wrist Fracture Management

 May 21, 2016 - May 21, 2016  
Seattle, Washington, USA

This course is designed to teach participants at every level of training and practice to systematically analyze hand and wrist fractures and to apply a treatment methodology based upon fracture management principles rather than upon any one implant, group of implants or singular universal technique.

These AO Principles will be stressed:

- Anatomic reduction
- Stable fixation
- Preservation of the blood supply
- Functional aftercare
- Early mobilization

Enrollment in this course is encouraged for surgeons, hand fellows, and residents in plastic, orthopaedic and general surgery.

## Event Summary

### **Tuition:**

Level Name: Participant - Hand  
Pricing Tier: Attending  
Tuition: \$150.00

### **Venue:**

No Venue

### **Language(s):**

English

### **Directly Provided by:**



### **Course Prerequisite(s):**

No Prerequisites

### **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
- Fellow
- Practicing

## CME

### Continuing Education Credit: 8.00



- AO North America is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Below Wording CMF Only- Continuing Education Dental Credit Statement..

As an Accreditation Council for Continuing Medical Education (ACCME) accredited provider, AO North America meets the definition of a constituent or component organization of the AMA and thereby meets most state dental board requirements of an approved sponsor of continuing education. This course is focused on clinical issues in oral-maxillofacial surgery that are relevant to the treatment and care of dental patients. Most states accept AMA constituents as approved sponsors for continuing dental education credit. If you have questions, your state dental board can confirm eligibility of this course.

- **Designation Statement** - AO North America designates this live educational activity for a maximum of 8.00 **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:

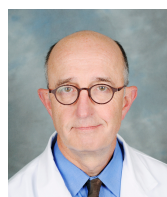
- Increase their knowledge base and surgical skill level
- Improve competence by applying advances of knowledge in patient care in the areas of trauma, degenerative disorders, deformities, tumors, and reconstructive surgical techniques
- Address practice performance gaps by improving management of aspects of traumatic injuries and musculoskeletal disorders (i.e., pre-operative planning to post-operative care)

## Learning Objectives

Upon completion, participants should be able to:

- Differentiate between management of nonoperative fractures and fractures that need operative stabilization
- Identify and apply the AO Principles to hand and wrist fracture management
- Describe the indications for internal fixation of hand and wrist fractures, and the criteria for implant selection
- Identify alternative fixation methods and their role in fracture management
- Explain the importance of soft tissue preservation in the operative management of unstable hand fractures

## Faculty



### Hanel, Doug - Co-Chairperson

MD  
Professor  
Department of Orthopaedics & Sports Medicine  
Combined Hand & Microvascular Program  
University of Washington  
Seattle, Washington

Douglas Hanel M.D. is a professor in the Department of Orthopaedics and Sports Medicine at the University of Washington. He graduated from The University of Washington and The Saint Louis University School of Medicine. Following his training in Orthopaedic Surgery at Saint Louis University he completed fellowships in hand surgery with Harold E. Kleinert and microvascular surgery with Robert D. Acland at the University of Louisville. He served as Program Director for Orthopaedic Education for 24 years.



### Huang, Jerry - Co-Chairperson

MD  
Professor  
Program Director, Combined Hand Fellowship  
Department of Orthopaedics and Sports Medicine  
University of Washington Medical Center  
Seattle, Washington

Jerry Huang is a Professor in the Department of Orthopaedics and Sports Medicine and the Program Director of the UW Combined Hand Fellowship at the University of Washington Medical Center. He completed his medical degree at the University of California, Los Angeles (UCLA) School of Medicine followed by orthopaedic residency training at Case Western Reserve University in Cleveland, Ohio. Dr. Huang obtained subspecialty training in Hand and Microsurgery at UCLA Medical Center followed by an AO Traveling Fellowship in Switzerland. Dr. Huang's clinical interests include hand, wrist, and elbow fractures including upper extremity trauma and post-traumatic reconstructions.



### Binhammer, Paul - Evaluator

MSc, MD, FRCSC  
Assistant Professor  
Division of Plastic Surgery  
University of Toronto  
Sunnybrook Health Sciences Centre  
Toronto, Ontario

Dr. Binhammer obtained his medical degree and completed his residency in Plastic and Reconstructive Surgery at the University of Toronto. He completed Hand Fellowships in Strasbourg, France and Salt Lake City, Utah. He has been in practice at Sunnybrook Health Sciences Centre and on Faculty at the University of Toronto since 1994. Dr. Binhammer has also completed the Faculty, Chair, and Leadership Education Programs and was Chair of the Hand Education Committee.



### Bickel, Kyle - Lecturer

MD  
Director - The Hand Center of San Francisco  
Clinical Assistant Professor of Surgery  
University of California-San Francisco School of Medicine  
San Francisco, California

Dr. Bickel completed his residency in plastic & reconstructive surgery at Stanford University, a microsurgery fellowship with Harry Buncke, M.D. in San Francisco, and the Curtis Hand Surgery Fellowship in Baltimore, MD. He completed an AO Hand Surgery Fellowship with Dr. Ueli Buchler in Bern, Switzerland and has been an AO faculty member since 1995. He was formerly a founding co-director of the Hand Surgery Service at The Johns Hopkins University School of Medicine and is the Founder and Director of The Hand Center of San Francisco, which he established in 2000. His practice focuses on all aspects of upper extremity reconstruction in adults and children, with a particular focus on acute and chronic wrist pathology and trauma. Dr. Bickel is a past committee member of the Hand Education Committee and has completed the Faculty Education Program.

**Fischer, Thomas - Lecturer**

MD  
Emeritus Indiana Hand to Shoulder Center  
Associate Clinical Professor  
Department of Orthopedics  
Indiana University School of Medicine  
Chair, Hand Expert Group  
AO Technical Committee

Indianapolis, Indiana

Dr. Fischer has been a partner at the Indiana Hand to Shoulder Center and practiced his entire career there. He retired in Jan 2024. He has actively participated in the teaching of the residents at the IU School of Medicine Department of Orthopedics since 1988. He has been in continuous practice of orthopedic education since that time. Tom is a native Hoosier and recently retired from an 11-person partnership that comprises the Indiana Hand to Shoulder Ctr. In a busy fellowship based clinical practice, he maintains his commitment to the orthopedic residents, teaching soft tissue techniques for the first year Ortho Boot Camp. Much of Dr. Fischer's professional life has included postgraduate adult orthopedic education in the area of trauma. He teaches the Athletic Training Program at Butler University, Marian University, St Vincent Sports Performance, the PA Program at Butler University and the Hand Therapists in Indiana. His work in the AOI and AONA has provided both a high quality training ground for his educational pursuits. He takes the opportunity to educate orthopedic, plastic, and general surgeons, and operating room personnel on a worldwide basis. Dr. Fischer was an examiner for the ABOS for more than 20 years. In addition, his work with the Butler University College of Pharmacy and Health Sciences and his work on the Board of Trustees, extends his educator training. His current role on the Board of Trustees is vice chair of Academic Affairs Committee. His work in government has included a governor's appointment on the Indiana Department of Natural Resources Water Management Board and Advisory Board for the Natural Resource Commission. He is married, 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, practicing photography, camping, astronomy, fishing, and bike riding. Dr. Fischer was the Department Chairman of Hand Surgery at St. Vincent Hospital Indianapolis. He is a consultant for team physicians for the Butler Sports Medicine caring for athlete's upper extremity injuries since 1988. Dr. Fischer serves on numerous committees such as: North American Hand Education Committee (2008); American Orthopaedic faculty member (April 1990); and Hand Expert Group starting in January of 2005. He is a member of the AO upper extremity global expert committee and has been active in development of new plating systems for the AO.

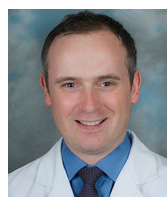
**Friedrich, Jeffrey - Lecturer**

MD, FACS  
Professor of Surgery and Orthopaedics  
University of Washington  
Harborview Medical Center  
Seattle, Washington

Jeffrey Friedrich is a member of the Unified Hand Surgery Service at the University of Washington. He practices at Harborview Medical Center and Seattle Children's Hospital, with a mix of adult and pediatric hand problems. He provides care for all types of hand, wrist and peripheral nerve issues including traumatic injuries, brachial plexus injuries, and congenital hand differences. Additionally, he serves as the Plastic Surgery Residency Director, and the Associate Program Director of the Hand Surgery Fellowship at the University of Washington.

**Hoyen, Harry - Lecturer**

MD  
Department of Orthopaedic Surgery  
Metrohealth Medical Center  
Professor, Dept. Orthopaedic Surgery  
Cleveland, Ohio

**Kennedy, Stephen A - Lecturer**

MD, FRCS(C) Ortho  
Program Director, Orthopaedic Residency  
Department of Orthopaedics and Sports Medicine,  
University of Washington,  
Seattle, Washington

Stephen A. Kennedy, M.D., F.R.C.S.C., is a hand, wrist and elbow surgeon with expertise in repair and reconstruction of soft tissue, bone and joint. Dr. Kennedy treats traumatic sports and workplace injuries, arthritis, nerve problems, masses, cysts, tumors and tendon problems. Dr. Kennedy completed medical school and orthopedic residency at the University of British Columbia, Vancouver; a hand and microsurgery fellowship at the University of Washington, Seattle; and an arthroscopy and sports medicine fellowship at Pan Am Clinic at the University of Manitoba, Winnipeg. He has been on faculty at the University of Washington since 2013. He is currently the program director of the orthopaedic residency at UW. Dr. Kennedy's clinical interests include hand, wrist and elbow trauma, elbow instability, stiffness, arthritis and deformity, carpal tunnel syndrome and arthroscopy of wrist and elbow. His research interests include outcomes in hand and upper extremity trauma, advances in joint reconstruction surgery, technology for the improvement of patient care and advances in methods in surgical education.

## 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.

### 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.

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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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### 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.