



16th Annual AAOS/OTA Orthopaedic Trauma Update

March 31 – April 2, 2016
La Jolla, CA

Michael J. Gardner, MD
Kyle J. Jeray, MD
Course Directors

Bring your trauma care acumen in line with current methods through interactive discussions, lively debates, and valuable roundtables with faculty.

16th Annual AAOS/OTA Orthopaedic Trauma Update

March 31 – April 2, 2016 • Hilton La Jolla Torrey Pines Hotel



Ensure your methods are current when you take call

Trauma care is challenging and evolving. Keep your treatment options and knowledge current with the guiding expertise from leading orthopaedic surgeons specializing in trauma.

This is not a lecture course. Small faculty-led roundtable sessions, case presentations and lively point-counterpoint debates make this learning experience an interactive and engaging dialogue. Bring your challenging cases and imaging studies to consult one-on-one with your accessible faculty.

Integrate the latest expertise on minimally invasive reduction and new fixation techniques, Damage Control Orthopaedics, and middle of the night intervention and stabilization. Your trauma team members can incorporate valuable coding and practice tips to improve practice performance.

Faculty responds to your experience level

Faculty will adjust content and case presentations, based on your experience level, to help you improve your critical thinking skills and help make the most of your education time and investment.

Spend Friday afternoon in a bonus ICD-10 coding session or in the many outdoor activities offered in this beautiful setting high above the Pacific Ocean near the cliffs of La Jolla.

At the conclusion of this course, learners should be able to:

- Evaluate patients with extremity, pelvic and spinal fractures and formulate a treatment plan
- Apply reduction and stabilization techniques appropriate for the patient and injury, with a focus on tips and tricks used by the experts
- Evaluate ICD-10 coding; Insights into billing and contract negotiation strategies
- Review state-of-the-art methods for evaluating and treating fracture non-unions, including use of bone grafting and bone graft substitutes
- Identify indications and surgical approaches for anatomic specific fractures
- Manage post-operative care for the multiply injured patient

WEDNESDAY, MARCH 30

5:00 – 7:00 pm Registration

THURSDAY, MARCH 31

Morning 6:15 am – 12:10 pm

Registration, Welcome and Announcements

UPPER EXTREMITY

Each topic segment is followed by a Question & Answer session.

Clavicle Fractures: Who Needs Surgery? Implant Type? (Dr. Jeray)

- Surgical Indications
- Specific Reduction Techniques for Different Fractures
- Implant Options and Alternatives



Clavicle ORIF

Tips and Tricks for Treating Proximal Humerus Fractures (Dr. Gardner)

- Typical Fracture Patterns
- Surgical Approaches and Their Pros and Cons
- Reduction Techniques and Augmentation Options



Proximal Humerus ORIF

SMALL GROUP CASE DISCUSSIONS: Clavicle / Proximal Humerus

Distal Humerus Fractures (Dr. Egol)

- Patient Selection for Operative Treatment
- Which Patterns Require Olecranon Osteotomy
- Fixation Construct Options and Strategies



Distal Humerus Fractures: Surgical Approaches

Complex Elbow Injuries (Dr. Kubiak)

- Common Injury Constellations Around the Elbow
- Important Stabilizing Structures Around the Elbow
- Stabilization Options for Fracture Components and Treatment Algorithms

SMALL GROUP CASE DISCUSSIONS: Distal Humerus Fractures / Complex Elbow Injuries

Controversies in Distal Radius Fracture Treatment (Dr. Tornetta)

- Patient and Fracture Factors that Drive Surgical Indications
- Fracture Patterns and Critical Components of Instability
- Internal and External Fixation Options



Distal Radius ORIF

Treatment of Common Hand Fractures (Dr. Capo)

- Etiology of Several Common Fractures of the Hand
- Closed and Operative Treatment of a Variety of Injuries
- Importance of Hand Rehabilitation



How to Pin Common Hand Fractures

Afternoon 12:25 pm – 5:35 pm

SMALL GROUP CASE DISCUSSIONS: Distal Radius / Common Hand Fractures

POINT/COUNTERPOINT DEBATE: Distal Femur Tips / Tricks: Nail vs. Plate (Dr. Summers and Dr. Tornetta)

PELVIS AND HIP

Each topic segment is followed by a Question & Answer session.

Femoral Neck Treatment (Dr. Wolinsky)

- Factors that Influence Treatment Decisions
- Surgical Options for Femoral Neck Fractures
- Post-Operative Treatment



Femoral Neck Approaches

Intertrochanteric / Subtrochanteric Fractures (Dr. Kubiak)

- Evaluate Patients with Hip Fractures
- Different Fracture Patterns as Stable or Unstable
- Surgical Options and Approaches
- Postoperative Treatment Plans

SMALL GROUP CASE DISCUSSIONS: Femoral Neck / Intertrochanteric / Subtrochanteric Fractures

POINT/COUNTERPOINT DEBATE: Femoral Shaft Fractures: Antegrade vs. Retrograde Nailing (Dr. Wolinsky and Dr. Liporace)

Pelvic Fractures (Dr. Kleweno)

- Early Assessment of Patients with a Pelvic Fracture
- Indications and Use of a Sheet/Binder and External Fixation
- Management of Different Pelvic Fractures



Pelvic Fractures

FRIDAY, APRIL 1

Morning 6:15 am – 2:00 pm

FEMUR AND TIBIA

Each topic segment is followed by a Question & Answer session.

Periprosthetic Femur Fractures Around a THA (Dr. Liporace)

- Factors that Indicate Stem Loosening
- Vancouver Classification System and the Treatment Indications
- Reduction and Fixation Techniques

Tips and Tricks for Tibial Nailing (Dr. McAndrew)

- Typical Pitfalls in Tibial Nailing
- Alternative Starting Portals and Leg Positioning
- Predictors of Success and Failure in Tibial Nailing



Tibial Plateau Fractures (Dr. Summers)

- Patient and Fracture Patterns That Indicate High vs. Low Energy Injuries, and Relevant Soft Tissue Considerations
- When a Medial Approach and Implant is Needed
- Reduction Maneuvers



SMALL GROUP CASE DISCUSSIONS: Femur / Tibia

FOOT AND ANKLE

Each topic segment is followed by a Question & Answer session.

Ankle Fractures (Dr. Achor)

- Fixing Isolated Fibula Fractures
- Indications for Posterior Malleolar Fracture Fixation
- Surgical Approaches for Ankle Fractures
- Evaluation and Fixation of Syndesmosis Injuries



Calcaneus Fractures (Dr. Egol)

- Surgical Indications for Calcaneus Fractures
- Techniques and Approaches for Fracture Fixation
- Prognosis of Non-Operative and Operative Treatment



Midfoot Fractures (Dr. Bishop)

- Non-Operative and Operative Indications
- Appropriate Radiographic Imaging Studies
- Approaches and Outcomes in Management

SMALL GROUP CASE DISCUSSIONS: Foot and Ankle

BILLING

Each topic segment is followed by a Question & Answer session.

Coding Tips (Dr. Creevy)

- | | | |
|-----------------------|-------------------------|------------------------|
| • Code Use for Trauma | • E/M Visits | • Fracture Treatment |
| • Insurance Issues | • Global Surgery Period | • Casting and Supplies |

ICD-10 (Dr. Creevy)

- Basic Structure of ICD-10
- Selecting ICD-10 Codes for Fractures

OPTIONAL (No CME): Additional Question and Answer Time on Coding and ICD-10 (Dr. Creevy)

SATURDAY, APRIL 2

Morning 6:15 am – 11:20 am

BE “IN THE KNOW” DAMAGE CONTROL

Each topic segment is followed by a Question & Answer session.

Damage Control Orthopaedics (Dr. Marecek)

- Concept and Physiological Basis for DCO
- How to Identify Patients Who Benefit From a DCO Approach
- Data Supporting and Refuting DCO in Borderline Patients

What to Do in the Middle of the Night (Dr. Dziadosz)

- Injuries that Require Immediate Intervention
- Techniques of Acute Limb Stabilization
- Compartment Syndrome Diagnosis and Treatment

SMALL GROUP CASE DISCUSSIONS: Damage Control

PEDIATRICS
Each topic segment is followed by a Question & Answer session.
Pediatric Update on Common Fractures (Dr. Scherl)

- Most Common Pediatric Fractures
- Timing and Reduction Techniques in Supracondylar Humerus Fractures
- Treatment Options for Pediatric Femoral Shaft Fractures

SMALL GROUP CASE DISCUSSIONS: Pediatrics

**Pinning of Supracondylar Humerus Fractures (Pediatric)**

NONUNION AND INFECTION
Each topic segment is followed by a Question & Answer session.
Nonunion Workup (Dr. Jones)

- Common Causes of Nonunions
- Mechanical Contributions to Nonunion Development
- Biological Patient and Injury Factors that Contribute to Nonunion

Infection (Dr. Bishop)

- Appropriate Work Up for Infections
- New Techniques to Manage Infections
- Outcomes of Orthopaedic Infections

SMALL GROUP CASE DISCUSSIONS: Nonunion and Infection

For full schedule and to register, visit aaos.org/3248

DIRECTORS

Michael J. Gardner, MD
Kyle J. Jeray, MD

John T. Caprio, MD
William R. Creevy, MD
Daniel R. Dziadosz, MD
Kenneth A. Egol, MD
Clifford B. Jones, MD, FACS
Conor P. Kleweno, MD
Erik Kubiak, MD

Frank A. Liporace, MD
Geoffrey Marecek, MD
Christopher McAndrew, MD
Susan A. Scherl, MD
Hobie D. Summers, MD
Paul Tornetta III, MD
Philip R. Wolinsky, MD

FACULTY

Timothy S. Achor, MD
Julius A. Bishop, MD

How to Register:

1. **Online** at aaos.org/3248.
2. **Call** AAOS Customer Service at **1-800-626-6726** from 8:00 am to 5:00 pm CT. Outside U.S. dial **+1-847-823-7186**.
3. **Print** registration form at aaos.org/3248. Mail the completed form to AAOS, 9400 W. Higgins Rd., Rosemont, IL 60018. Or fax to **1-800-823-8025**. Outside U.S. fax to **+1-847-823-8125**.

Registration fees

AAOS/OTA Member/Candidate Member/Associate Member/International Member **\$895**
Orthopaedic Resident/Post Residency Fellow/U.S. Military **\$795**
Nonmember/International Nonmember/Other Physician/Non-MD Practitioner **\$1195**
Nurse Practitioners and Physicians Assistants **\$795**
AAOS/OTA Emeritus Member **\$625**

Hotel

Hilton La Jolla Torrey Pines
10950 North Torrey Pines Road
La Jolla, CA 92037
Phone: **(858) 558-1500** Reservations: **(800) 445-8667**

Housing Reservation Deadline: March 1, 2016
Room Rate: \$215 Single or Double occupancy

Accreditation Statement

The American Academy of Orthopaedic Surgeons is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education (CME) for physicians.

AMA Credit Designation Statement

AAOS designates this live activity for a maximum of 20.5 **AMA PRA Category 1 Credit(s)™**. Physicians should claim only the credits commensurate with the extent of their participation in the activity.

Obtaining CME Credit

Course participants must complete and submit an online evaluation form to receive CME credit.

AAOS CME COURSE REGISTRATION FORM

Please print and mail with check or credit card details to: **AAOS, 9400 West Higgins Road, Rosemont, Illinois 60018**
(Allow 3 weeks to process mailed registrations.)

OR Please print and fax with credit card details to: **(847) 823-8125**

16th Annual AAOS/OTA Orthopaedic Trauma Update Course

Course #3248 • March 31 – April 2, 2016 • La Jolla, CA

Course Tuition

Registration fee includes course materials, electronic syllabus, and refreshments. Enrollment for this course is limited to 125 participants.

Check only one:

- ☐ AAOS/OTA Member/Candidate Member/Associate Member/International Member **\$895**
- ☐ Orthopaedic Resident/Post Residency Fellow/U.S. Military* **\$795**
- ☐ Nonmember/International Nonmember/Other Physician/Non-MD Practitioner **\$1,195**
- ☐ Nurse Practitioners/Physician Assistants **\$795**
- ☐ AAOS/OTA Emeritus Member **\$625**

*For AAOS/OTA members in active U.S. military duty only

Tuition enclosed \$ _____ (U.S. Dollars only, payable to American Academy of Orthopaedic Surgeons)

Print clearly please

NAME

ACADEMY ID#

ADDRESS

CITY

STATE

ZIP

COUNTRY

WORK TELEPHONE

MOBILE TELEPHONE

EMAIL ADDRESS

FAX NUMBER

☐ Visa ☐ Mastercard ☐ American Express

CREDIT CARD NUMBER

EXPIRATION DATE

☐ Check here if ADA (Americans with Disabilities Act) accommodation is desired. An AAOS staff person will contact you. 

Housing Information

A block of hotel rooms is reserved for course registrants until the deadline specified online. If the room block fills prior to the deadline, the hotel cannot guarantee availability and/or the special AAOS room rate. To make your reservations please contact the hotel directly or select the course web page at aaos.org/courses and select the "housing reservations online" link. All hotel reservations require an advance room deposit.

Airfare/Discounted Rental Car

Contact CorpTravel Management, the AAOS official air travel coordinator, at 1-800-211-8016 or select your preferred airline/travel site. Individuals traveling from outside the U.S. and Canada need to contact a travel agency or airline directly within their country.

For discounted car rental, contact Hertz Rent-a-Car at 1-800-654-2240 or www.hertz.com and reference CVO2KS0020.

IMPORTANT: Please call AAOS Customer Service at 1-800-626-6726 to confirm your course registration before making airline reservations.

For additional travel and housing details or updated course details please visit the course web page at aaos.org/courses.

Refunds

Requests for a refund must be received in writing at the Academy offices (AAOS, 9400 West Higgins Road, Rosemont, Illinois 60018) or email customerservice@aaos.org at least one week prior to the course. In all instances, a \$100 cancellation fee will be charged. Beyond this deadline no monetary refund is issued. Instead, the tuition amount, less cancellation fee, will be credited toward another AAOS course within one year.

Course Cancellation

AAOS reserves the right to cancel a course thirty (30) days prior to the course date. If a course must be cancelled, we will notify registrants by email and follow-up by phone if we have a contact number for you. AAOS will refund your course registration fee in full. However, other costs, such as airline or hotel penalties, are your responsibility.