The American Academy of Orthopaedic Surgeons (AAOS), and the Orthopaedic Trauma Association (OTA) extend sincere appreciation to the below companies for their support of this educational program.

**Grants**

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Zimmer Biomet (Bronze Level)

**In-Kind Support**

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- Ziehm Imaging
- Zimmer Biomet

**Spotlight Sessions**

- Acumed

**Exhibits**

- Cox Health
- Acumed
FRIDAY, DECEMBER 1

6:30 am Course Registration (Auditorium AB Foyer)

7:00 Welcome and Introduction (Auditorium AB)
Bradley R. Merk, MD and Laura J. Prokuski, MD

LECTURE SESSION #1
GETTING THROUGH THE NIGHT
Moderator: Tracy Watson, MD

7:10 Damage Control Orthopaedics
• Timing, What is Emergent, Second Hit
Jeffrey S. Earhart, MD

7:20 How to Survive the Night
• What is Important, Coordination, Referral
Anna N. Miller, MD

7:30 Open Fractures
• Classification, Decision Making, LEAP Studies
Robert J. Wetzel, MD

7:40 Reducing Infection in Treating Open Fracture
• Antibiotics, Timing, VAC, Wrinkles, Treatment
Tracy Watson, MD

7:50 Diagnosis and Treatment of Compartment Syndrome
Mason W. Milburn, MD

8:00 Local Tissue Coverage Options
• Gastrocnemius, Soleus, and Propeller Flaps
George Ochenjele, MD
LECTURE SESSION #2
FRACTURES OF THE PELVIS, FEMUR, HIP, SHAFT
Moderator: Paul Tornetta III, MD

8:10 Pelvic Ring Injuries
- What is Stable/Unstable, Binder, Angio, Referral
  Paul Tornetta III, MD

8:20 Femoral Neck Fractures
- Appropriate Treatment Choices: ORIF, Perc Screws, Arthroplasty
  Geoffrey Marecek, MD

8:30 Intertrochanteric Femur Fractures
- DHS vs IMN, Short vs Long IMN
  David S. Wellman, MD

8:40 Femoral Subtrochanteric and Diaphyseal Fractures
- Subtrochanteric Fracture: When to Plate and Nailing Tips
- Diaphyseal: Starting Point and Locking Options
  Daniel S. Horwitz, MD

8:50 Lab Orientation  Ro Simon

8:55 MOVE TO LAB / Refreshment Break

9:10 – 9:50 HANDS-ON SURGICAL SKILLS LAB A (LAB AB)
  Spanning Knee and Ankle External Fixation
  Goals: Pin Placement, Construct Options and Tips
  Lab Introduction/Surgical Demonstration: Jeffrey S. Earhart, MD – 10 mins

9:50 – 10:30 HANDS-ON SURGICAL SKILLS LAB B
  Local Flap Coverage
  Goals: Gastrocnemius and Soleus Flaps Techniques
  Lab Introduction/Surgical Demonstration: George Ochenjele, MD – 10 mins

10:30– 11:10 HANDS-ON SURGICAL SKILLS LAB C
  Anterior Approach to the Femoral Neck
  Goals: Approach for Treatment of Femoral Neck Fractures
  Lab Introduction/Surgical Demonstration: Anna N. Miller, MD – 10 mins

11:10– 11:45 HANDS-ON SURGICAL SKILLS LAB D
  Femoral Antegrade Nailing
  Goals: Approach and Tips for Anterograde Femoral Nailing
  Lab Introduction/Surgical Demonstration: Robert J. Wetzel, MD – 10 mins

Lab Instructors: Drs. Bruce, Earhart, Horwitz, Jeray, Jones, Lang, Liporace, Marecek, Merk, Milburn, Miller, Mir, Ochenjele, Ortega, Prokuski, Tornetta, Virkus, Watson, Weatherford, Wellman, Wetzel
11:45

MOVE TO LUNCH (Auditorium AB Foyer)

WORKING LUNCH & LECTURE SESSION #3
Q&A and FRACTURES ABOUT THE KNEE
Moderator: David S. Wellman, MD

12:00 pm
Questions & Cases (Auditorium AB)
- Hip Fracture Cases
  David S. Wellman, MD

12:40
Supracondylar Femoral Fractures
- ORIF vs IMN and Techniques
  Paul Tornetta III, MD

12:50
Tibial Plateau Fractures
- Classification, Approaches, Techniques
  Tracy Watson, MD

1:00
Patella Fractures and Extensor Mechanism Injuries
- Tension Band and Suture Repairs
  Gilbert R. Ortega, MD, MPH

1:10
Tibial Diaphyseal Fractures
- Approaches and Nailing Tips
  Hassan R. Mir, MD, MBA, FACS

1:20
MOVE TO LAB

1:35– 2:10
HANDS-ON SURGICAL SKILLS LAB E  (LAB AB)
Retrograde Femoral Nailing
Goals: Approach and Tips for Retrograde Nailing
Lab Introduction/Surgical Demo: Hassan R. Mir, MD, MBA, FACS –10 mins

2:10– 2:45
HANDS-ON SURGICAL SKILLS LAB F
Distal Femoral Plating
Goals: Approaches to the Distal Femur and Plating Techniques
Lab Introduction/Surgical Demo: Gilbert R, Ortega, MD, MPH –10 mins

2:45– 3:30
HANDS-ON SURGICAL SKILLS LAB G
Tibial Plateau Fixation
Goals: Medial & Lateral Approaches and Plating Techniques
Lab Introduction/Surgical Demo: Tracy Watson, MD–10 mins

Lab Instructors: Drs. Bruce, Earhart, Horwitz, Jeray, Jones, Lang, Liporace, Marecek, Merk, Milburn, Miller, Mir, Ochenjele, Ortega, Prokuski, Tornetta, Virkus, Watson, Weatherford, Wellman, Wetzel

3:30
Refreshment Break (Auditorium AB Foyer)
3:45  FACULTY SURGICAL DEMONSTRATION  (Auditorium AB)
  Tibial Nailing
  Goals: Approaches and Nailing Techniques for Tibial Fractures
  Demonstrator: Daniel S. Horwitz, MD – 15 min

4:00  Course Adjourns for the Day / Faculty Photo

4:15  Spotlight Session*  Innovative Treatment Options for Difficult Fractures of
     the Upper Extremity

5:15  Spotlight Session adjourns

* Industry Spotlight Sessions are Non-CME; Views and Products Are Not Endorsed by AAOS or OTA
SATURDAY, DECEMBER 2

You are encouraged to have breakfast prior to arriving at the course; coffee and light pick up items such as granola/protein bars and whole fruit will be available each morning.

8:05 am   Announcement/Questions (Auditorium AB)  
Bradley R. Merk, MD and Laura J. Prokuski, MD

LECTURE SESSION #4
Q&A: FRACTURES ABOUT THE KNEE
LECTURES: DISTAL TIBIA, ANKLE, FOOT, AND INFECTION  
Moderator: Frank A. Liporace, MD

8:15   Questions and Cases  
• Supracondylar Femur, Tibial Plateau, Tibial Diaphysis  
  Frank A. Liporace, MD

8:55   Tibial Pilon Fracture  
• Timing, External Fixation vs ORIF, Staging, Plating Concepts - Fracture Specific  
  Walter W. Virkus, MD

9:05   Ankle Fracture  
• Plate: Posterior vs Lateral, Posterior Malleolus: Fix or Not, Syndesmosis (ORIF vs tightrope)  
  Kyle J. Jeray, MD

9:15   Midfoot Injuries  
• Etiology, Imaging, Stress views, CT/MRI, Indications, Approaches, Technique (ORIF vs Fuse)  
  Brian M. Weatherford, MD

9:25   Infection  
• How to Prevent, Diagnosis and Treat Infection Associated with Fractures  
  Frank A. Liporace, MD

9:35 – 9:55  FACULTY SURGICAL DEMONSTRATION  
Syndesmotic Injuries  
Goals: Syndesmotic Reduction and Fixation  
Demonstrator: Paul Tornetta III, MD
LECTURE SESSION #5
UPPER EXTREMITY FRACTURES
Moderator: Kyle J. Jeray, MD

9:55  Clavicle Fracture
•  Indications, Approach, Reduction Techniques, Plate Location
  Kyle J. Jeray, MD

10:05 Proximal Humeral Fracture
•  Indications, Set-up, Approach (Deltopectoral vs Anterolateral), Reduction, Plate Position
  Clifford B. Jones, MD, FACS

10:15 Humeral Diaphysis Fracture
•  Indications, Approaches, Reduction Techniques, Plate vs Nail
  Gerald J. Lang, MD

10:25 Distal Humerus
•  Approaches (Triceps Split, Olecranon Osteotomy, Triceps Sparing), Reduction Techniques, Plate Positioning
  Walter W. Virkus, MD

10:35 Olecranon, Coronoid, Radial Head Fracture
•  Indications, Approaches (Posterior, Medial, Anterior, Lateral), Fixation vs Arthroplasty
  Hassan R. Mir, MD, MBA, FACS

10:45 Refreshment Break
MOVE TO LAB

11:05- 11:50 HANDS-ON SURGICAL SKILLS LAB H (LAB AB)
Ankle & Pilon Fractures
Goals: Approaches: Lateral, Anterolateral, Anterior, Medial, Posteromedial, & Posterolateral, and Malleolar Fixation Tips
Lab Introduction/Surgical Demo: Walter W. Virkus, MD – 10 mins

11:50– 12:20 HANDS-ON SURGICAL SKILLS LAB I
Proximal Humeral Fractures
Goals: Deltopectoral and Anterolateral Approaches and Fixation Tips
Lab Introduction/Surgical Demo: Clifford B. Jones, MD, FACS – 10 mins

  Lab Instructors: Drs. Bruce, Earhart, Horwitz, Jeray, Jones, Lang, Liporace, Marecek, Merk, Milburn, Miller, Mir, Ochenjele, Ortega, Prokuski, Tornetta, Virkus, Watson, Weatherford, Wellman, Wetzel

12:20 MOVE TO LUNCH (Auditorium AB Foyer)
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<td>12:30</td>
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<td>• Questions about morning labs</td>
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<td>• Cases: Clavicle, Proximal Humeral, Humeral Diaphysis, and Distal Humeral Fracture</td>
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<td>HANDS-ON SURGICAL SKILLS LAB J (LAB AB)</td>
<td>Humeral Shaft Fractures</td>
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<td>Goals: Anterior and Posterior Approaches and Fixation Tips</td>
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<td>Lab Introduction/Surgical Demonstration: Gerald J. Lang, MD – 10 mins</td>
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<td>HANDS-ON SURGICAL SKILLS LAB K</td>
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<td>Goals: Posterior Approaches and Fixation Tips</td>
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<td>HANDS-ON SURGICAL SKILLS LAB L</td>
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<td>Goals: Volar and Dorsal Approaches and Fixation Tips</td>
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<td>HANDS-ON SURGICAL SKILLS LAB M</td>
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<td>Lab Introduction/Surgical Demonstration: Robert J. Wetzel, MD – 10 mins</td>
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AAOS/OTA Orthopaedic Trauma Update in Tactics and Techniques #3040

December 1 – 2, 2017 Rosemont, IL

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