

AAOS/OTA Orthopaedic Trauma Update in Tactics and Techniques, #3040
December 1-2, 2017; OLC Education & Center, Rosemont IL
Bradley R. Merk, MD and Laura J. Prokuski, MD; Course Directors

CMEs: 15.75
as of 7/12/17

SCHEDULE

Content and faculty subject to change

FRIDAY, DECEMBER 1

BREAKFAST IS NOT AVAILABLE AT THIS COURSE.

**FOR THOSE STAYING AT THE HAMPTON INN & SUITES, BREAKFAST IS AVAILABLE AT THE HOTEL
BEGINNING AT 6 AM**

6:30 am Course Registration

7:00 am Welcome and Introduction
Bradley R. Merk, MD and Laura J. Prokuski, MD

LECTURE SESSION #1
GETTING THROUGH THE NIGHT

Moderator:

7:10 Damage Control Orthopaedics
• Timing, What is Emergent, Second Hit

7:20 How to Survive the Night
• What is Important, Coordination, Referral

7:30 Open Fractures
• Classification, Decision Making, LEAP Studies

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

7:50 Diagnosis and Treatment of Compartment Syndrome

8:00 Local Tissue Coverage Options
• Gastrocnemius, Soleus, and Propeller Flaps

LECTURE SESSION #2

FRACTURES OF THE PELVIS, FEMUR, HIP, SHAFT

Moderator:

- 8:10 Pelvic Ring Injuries
- What is Stable/Unstable, Binder, Angio, Referral
- 8:20 Femoral Neck Fractures
- Appropriate Treatment Choices: ORIF, Perc Screws, Arthroplasty
- 8:30 Intertrochanteric Femur Fractures
- DHS vs IMN, Short vs Long IMN
- 8:40 Femoral Subtrochanteric and Diaphyseal Fractures
- Subtrochanteric Fracture: When to Plate and Nailing Tips
 - Diaphyseal: Starting Point and Locking Options
- 8:50 Refreshment Break
- 9:00 **MOVE TO LAB**

9:10 – 9:50	HANDS-ON SURGICAL SKILLS LAB A <i>Spanning Knee and Ankle External Fixation</i> Goals: Pin Placement, Construct Options and Tips Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors:
9:50 – 10:30	HANDS-ON SURGICAL SKILLS LAB B <i>Local Flap Coverage</i> Goals: Gastrocnemius and Soleus Flaps Techniques Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors:

10:30– 11:10	HANDS-ON SURGICAL SKILLS LAB C <i>Anterior Approach to the Femoral Neck</i> Goals: Approach for Treatment of Femoral Neck Fractures Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors:
11:10– 11:45	HANDS-ON SURGICAL SKILLS LAB D <i>Femoral Antegrade Nailing</i> Goals: Approach and Tips for Anterograde Femoral Nailing Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors:

11:45 **MOVE TO LUNCH**

WORKING LUNCH & LECTURE SESSION #3

Q&A and FRACTURES ABOUT THE KNEE

Moderator:

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| 12:00 pm | Questions & Cases <ul style="list-style-type: none"> • Hip Fracture Cases |
| 12:40 | Supracondylar Femoral Fractures <ul style="list-style-type: none"> • ORIF vs IMN and Techniques |
| 12:50 | Tibial Plateau Fractures <ul style="list-style-type: none"> • Classification, Approaches, Techniques |
| 1:00 | Patella Fractures and Extensor Mechanism Injuries <ul style="list-style-type: none"> • Tension Band and Suture Repairs |
| 1:10 | Tibial Diaphyseal Fractures <ul style="list-style-type: none"> • Approaches and Nailing Tips |
| 1:20 | MOVE TO LAB |

1:35– 2:10	HANDS-ON SURGICAL SKILLS LAB E <i>Retrograde Femoral Nailing</i> Goals: Approach and Tips for Retrograde Nailing Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors:
2:10– 2:45	HANDS-ON SURGICAL SKILLS LAB F <i>Distal Femoral Plating</i> Goals: Approaches to the Distal Femur and Plating Techniques Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors:
2:45– 3:30	HANDS-ON SURGICAL SKILLS LAB G <i>Tibial Plateau Fixation</i> Goals: Medial & Lateral Approaches and Plating Techniques Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors
3:30	Beverage Break
3:45	FACULTY SURGICAL DEMONSTRATION <i>Tibial Nailing</i> Goals: Approaches and Nailing Techniques for Tibial Fractures Demonstrator: – 15 min
4:00	Break / Faculty Photo
4:15	Spotlight Session*
5:15	Adjourn for the evening

*This industry spotlight session is non-cme.

SATURDAY, DECEMBER 3

BREAKFAST IS NOT AVAILABLE AT THIS COURSE.

FOR THOSE STAYING AT THE HAMPTON INN & SUITES, BREAKFAST IS AVAILABLE AT THE HOTEL BEGINNING AT 6 AM

7:00 am Announcement/Questions
 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:

- 7:10 Questions and Cases
- Supracondylar Femur, Tibial Plateau, Tibial Diaphysis
- 7:50 Tibial Pilon Fracture
- Timing, External Fixation vs ORIF, Staging, Plating Concepts - Fracture Specific
- 8:00 Ankle Fracture
- Plate: Posterior vs Lateral, Posterior Malleolus: Fix or Not, Syndesmosis (ORIF vs tightrope)
- 8:10 Midfoot Injuries
- Etiology, Imaging, Stress views, CT/MRI, Indications, Approaches, Technique (ORIF vs Fuse)
- 8:20 Infection
- How to Prevent, Diagnosis and Treat Infection Associated with Fractures
- 8:30 – 8:50 **FACULTY SURGICAL DEMONSTRATION**
 Syndesmotic Injuries
 Goals: Syndesmotic Reduction and Fixation

LECTURE SESSION #5

UPPER EXTREMITY FRACTURES

Moderator:

- 8:50 Clavicle Fracture
- Indications, Approach, Reduction Techniques, Plate Location
- 9:00 Proximal Humeral Fracture
- Indications, Set-up, Approach (Deltopectoral vs Anterolateral), Reduction, Plate Position
- 9:10 Humeral Diaphysis Fracture
- Indications, Approaches, Reduction Techniques, Plate vs Nail
- 9:20 Distal Humerus
- Approaches (Triceps Split, Olecranon Osteotomy, Triceps Sparing), Reduction Techniques, Plate Positioning
- 9:30 Olecranon, Coronoid, Radial Head Fracture
- Indications, Approaches (Posterior, Medial, Anterior, Lateral), Fixation vs Arthroplasty
- 9:40 Refreshment Break
MOVE TO LAB

10:00– 10:45	HANDS-ON SURGICAL SKILLS LAB H <i>Ankle & Pilon Fractures</i> Goals: Approaches: Lateral, Anterolateral, Anterior, Medial, Posteromedial, & Posterolateral, and Malleolar Fixation Tips Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors:
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10:45– 11:15	HANDS-ON SURGICAL SKILLS LAB I <i>Proximal Humeral Fractures</i> Goals: Deltopectoral and Anterolateral Approaches and Fixation Tips Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors:
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11:15 **MOVE TO LUNCH**

11:30 Lunch with Case Discussions

- Questions about morning labs
- Cases: Clavicle, Proximal Humeral, Humeral Diaphysis, and Distal Humeral Fracture

1:00 pm **MOVE TO LAB**

1:10– 1:40	HANDS-ON SURGICAL SKILLS LAB J <i>Humeral Shaft Fractures</i> Goals: Anterior and Posterior Approaches and Fixation Tips Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors:
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1:40 – 2:10	HANDS-ON SURGICAL SKILLS LAB K <i>Distal Humerus Fractures</i> Goals: Posterior Approaches and Fixation Tips Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors:
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2:10– 2:40	HANDS-ON SURGICAL SKILLS LAB L <i>Forearm Fractures</i> Goals: Volar and Dorsal Approaches and Fixation Tips Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors:
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2:40– 3:10	HANDS-ON SURGICAL SKILLS LAB M <i>Distal Radius Fractures</i> Goals: Approaches and Fixation Tips Lab Introduction/Surgical Demonstration: – 10 min Lab Instructors:
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3:10 Refreshment Break
MOVE TO AUDITORIUM

UPPER EXTREMITY CASES
Moderators: *Bradley R. Merk, MD*

3:25 Questions & Cases

- Upper Extremity Cases and Wrap Up

Faculty:

4:00 Course Adjourns