SCHEDULE

WEDNESDAY
5:00 -7:00 pm Registration (Fairway Foyer)

THURSDAY
6:15 am Registration (Fairway Foyer)
Breakfast (Fairway Garden)
Exhibits (Fairway Foyer)

6:55 Welcome and Announcements (Fairway Ballroom)
Michael J. Gardner, MD and Kyle J. Jeray, MD

UPPER EXTREMITY
Moderator: Erik Kubiak, MD

7:00 Clavicle Fractures: Who Needs Surgery? Implant Type?
  - Surgical Indications
  - Specific Reduction Techniques for Different Fractures
  - Implant Options and Alternatives
  Kyle J. Jeray, MD

7:15 VIDEO: Clavicle ORIF
Kyle J. Jeray, MD

7:25 Question & Answer
Kyle J. Jeray, MD

7:30 Tips and Tricks for Treating Proximal Humerus Fractures
  - Typical Fracture Patterns
  - Surgical Approaches and Their Pros and Cons
  - Reduction Techniques and Augmentation Options
  Michael J. Gardner, MD

7:45 VIDEO: Proximal Humerus ORIF
Michael J. Gardner, MD

7:55 Question & Answer
Michael J. Gardner, MD
8:00  **SMALL GROUP DISCUSSION:** Clavicle/Proximal Humerus
- A Lead Faculty Member Will Review a Case
- Each Roundtable Will Discuss Briefly
- The Lead Will Ask a Few Tables to Share Discussion
- Move to Next Case
Lead Faculty: *Timothy S. Achor, MD*
Tabletop Faculty: *Drs. Achor, Capo, Cross, Egol, Gardner, Jeray, Kubiak, Marecek, Scherl, Tornetta, and Wolinsky*

9:00
Distal Humerus Fractures
- Patient Selection for Operative Treatment
- Which Patterns Require Olecranon Osteotomy
- Fixation Construct Options and Strategies
*Kenneth A. Egol, MD*

9:15  **VIDEO:** Distal Humerus Fractures: Surgical Approaches
*Kenneth A. Egol, MD*

9:25  Question & Answer
*Kenneth A. Egol, MD*

9:30  Complex Elbow Injuries
- Common Injury Constellations Around the Elbow
- Important Stabilizing Structures Around the Elbow
- Stabilization Options for Fracture Components and Treatment Algorithms
*Erik Kubiak, MD*

9:45  Question & Answer
*Erik Kubiak, MD*

9:50  Refreshment Break *(Fairway Foyer)*
Exhibits *(Fairway Foyer)*

Moderator: *Timothy S. Achor, MD*

10:10 **SMALL GROUP DISCUSSION:** Distal Humerus Fractures/Complex Elbow Injuries *(Fairway Ballroom)*
- A Lead Faculty Member Will Review a Case
- Each Roundtable Will Discuss Briefly
- The Lead Will Ask a Few Tables to Share Discussion
- Move to Next Case
Lead Faculty: *Kyle J. Jeray, MD*
Tabletop Faculty: *Drs. Achor, Capo, Cross, Egol, Gardner, Jeray, Kubiak, Marecek, Scherl, Tornetta, and Wolinsky*

11:10 Controversies in Distal Radius Fracture Treatment
- Patient and Fracture Factors that Drive Surgical Indications
- Fracture Patterns and Critical Components of Instability
- Internal and External Fixation Options
*Paul Tornetta III, MD*
11:25  **VIDEO:** Distal Radius ORIF  
     *Paul Tornetta III, MD*

11:35  Question & Answer  
     *Paul Tornetta III, MD*

11:40  Treatment of Common Hand Fractures  
   - Etiology of Several Common Fractures of the Hand  
   - Closed and Operative Treatment of a Variety of Injuries  
   - Importance of Hand Rehabilitation  
     *John T. Capo, MD*

11:55  **VIDEO:** How to Pin Common Hand Fractures  
     *John T. Capo, MD*

12:05 pm  Question & Answer  
     *John T. Capo, MD*

12:10  Break to retrieve lunch *(Fairway Foyer)*

12:25  Lunch  
   **SMALL GROUP DISCUSSION:** Distal Radius/Common Hand Fractures  
   - A Lead Faculty Member Will Review a Case  
   - Each Roundtable Will Discuss Briefly  
   - The Lead Will Ask a Few Tables to Share Discussion  
   - Move to Next Case  
     Lead Faculty: *John T. Capo, MD*  
     Tabletop Faculty: *Drs. Achor, Capo, Cross, Egol, Gardner, Jeray, Kubiak, Marecek, Scherl, Tornetta, and Wolinsky*

1:25  **POINT/COUNTERPOINT DEBATE:** Distal Femur Tips/Tricks: Nail vs. Plate  
     Nail: *William W. Cross III, MD*  
     Plate: *Paul Tornetta III, MD*

2:05  Break to refresh room  
   Exhibits *(Fairway Foyer)*

**PELVIS/HIP (Fairway Ballroom)**  
Moderator: *William W. Cross III, MD*

2:15  Femoral Neck Treatment  
   - Factors that Influence Treatment Decisions  
   - Surgical Options for Femoral Neck Fractures  
   - Post-Operative Treatment  
     *Philip R. Wolinsky, MD*

2:30  **VIDEO:** Femoral Neck Approaches  
     *Philip R. Wolinsky, MD*

2:40  Question & Answer  
     *Philip R. Wolinsky, MD*
2:45 Intertrochanteric/Subtrochanteric Fractures
  • Evaluate Patients with Hip Fractures
  • Different Fracture Patterns as Stable or Unstable
  • Surgical Options and Approaches
  • Postoperative Treatment Plans
  
Erik Kubiak, MD

3:00 Question & Answer
  
Erik Kubiak, MD

3:05 SMALL GROUP DISCUSSION: Femoral Neck/ Intertrochanteric/ Subtrochanteric Fractures
  • A Lead Faculty Member Will Review a Case
  • Each Roundtable Will Discuss Briefly
  • The Lead Will Ask a Few Tables to Share Discussion
  • Move to Next Case

Lead Faculty: Clifford B. Jones, MD, FACS
Tabletop Faculty: Drs. Achor, Bishop, Cross, Dziadosz, Egol, Jones, Kleweno, Kubiak, Liporace, McAndrew, and Wolinsky

4:05 Refreshment Break (Fairway Foyer)
Exhibits (Fairway Foyer)

4:25 POINT/COUNTERPOINT DEBATE: Femoral Shaft Fractures: Antegrade vs. Retrograde Nailing (Fairway Ballroom)
Antegrade Nailing: Philip R. Wolinsky, MD
Retrograde Nailing: Frank A. Liporace, MD

5:05 Pelvic Fractures
  • Early Assessment of Patients with a Pelvic Fracture
  • Indications and Use of a Sheet/Binder and External Fixation
  • Management of Different Pelvic Fractures

Conor P. Kleweno, MD

5:20 VIDEO: Pelvic Fractures
Conor P. Kleweno, MD

5:30 Question & Answer
Conor P. Kleweno, MD

5:35 Course Adjourns for the Day
FRIDAY

6:15 am  Breakfast *(Fairway Garden)*  
Exhibits *(Fairway Foyer)*

6:55  Welcome and Announcements *(Fairway Ballroom)*  
*Michael J. Gardner, MD and Kyle J. Jeray, MD*

FEMUR AND TIBIA  
*Moderator: Philip Wolinsky, MD*

7:00  Periprosthetic Femur Fractures Around a THA  
- Factors that Indicate Stem Loosening  
- Vancouver Classification System and the Treatment Indications  
- Reduction and Fixation Techniques  
*Frank A. Liporace, MD*

7:20  Question & Answers  
*Frank A. Liporace, MD*

7:30  Tips and Tricks for Tibial Nailing  
- Typical Pitfalls in Tibial Nailing  
- Alternative Starting Portals and Leg Positioning  
- Predictors of Success and Failure in Tibial Nailing  
*Christopher McAndrew, MD*

7:45  VIDEO: Intramedullary Nailing of the Tibia  
*Christopher McAndrew, MD*

7:55  Question & Answers  
*Christopher McAndrew, MD*

8:00  Tibial Plateau Fractures  
- 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  
*William W. Cross III, MD*

8:15  VIDEO: Tibial Plateau Approaches  
*William W. Cross III, MD*

8:25  Question & Answers  
*William W. Cross III, MD*
8:30 **SMALL GROUP DISCUSSION:** Femur/Tibia
- A Lead Faculty Member Will Review a Case
- Each Roundtable Will Discuss Briefly
- The Lead Will Ask a Few Tables to Share Discussion
- Move to Next Case
Lead Faculty: Daniel R. Dziadosz, MD
Tabletop Faculty: Drs. Achor, Bishop, Creevy, Cross, Egol, Jones, Kleweno, Kubiak, Liporace, McAndrew, and Wolinsky

9:30 Refreshment Break *(Fairway Foyer)*
Exhibits *(Fairway Foyer)*

**FOOT AND ANKLE (Fairway Ballroom)**
Moderator: Christopher M. McAndrew, MD

9:50 Ankle Fractures
- Fixing Isolated Fibula Fractures
- Indications for Posterior Malleolar Fracture Fixation
- Surgical Approaches for Ankle Fractures
- Evaluation and Fixation of Syndesmosis Injuries
  *Timothy S. Achor, MD*

10:05 **VIDEO:** Posterior Approach to the Ankle for Fixation of Posterior Malleolus
  *Timothy S. Achor, MD*

10:15 Question & Answer
  *Timothy S. Achor, MD*

10:20 Calcaneus Fractures
- Surgical Indications for Calcaneus Fractures
- Techniques and Approaches for Fracture Fixation
- Prognosis of Non-Operative and Operative Treatment
  *Kenneth A. Egol, MD*

10:35 **VIDEO:** Calcaneus Fractures
  *Kenneth A. Egol, MD*

10:45 Question & Answer
  *Kenneth A. Egol, MD*

10:50 Midfoot Fractures
- Non-Operative and Operative Indications
- Appropriate Radiographic Imaging Studies
- Approaches and Outcomes in Management
  *Julius A. Bishop, MD*

11:05 Question & Answer
  *Julius A. Bishop, MD*
11:10  **SMALL GROUP DISCUSSION:** Foot and Ankle
- A Lead Faculty Member Will Review a Case
- Each Roundtable Will Discuss Briefly
- The Lead Will Ask a Few Tables to Share Discussion
- Move to Next Case

Lead Faculty: **Conor P. Kleweno, MD**
Tabletop Faculty: **Drs. Achor, Bishop, Creevy, Cross, Dziadosz Egol, Jones, Kubiak, Liporace, McAndrew, and Wolinsky**

**BILLING**
Moderator: **John T. Capo, MD**

12:10 pm  Coding Tips
- Code Use for Trauma
- Insurance Issues
- E/M Visits
- Global Surgery Period
- Fracture Treatment
- Casting and Supplies

*William R. Creevy, MD*

12:30  Question & Answer

*William R. Creevy, MD*

12:40  ICD-10
- Basic Structure of ICD-10
- Selecting ICD-10 Codes for Fractures

*William R. Creevy, MD*

1:00  Break to retrieve lunch *(Fairway Foyer)*

1:15  Lunch

Question & Answer

*William R. Creevy, MD*

2:00  Course Adjourns for the Day

**OPTIONAL (No CME)**

Additional Question and Answer Time on Coding and ICD-10

*William R. Creevy, MD*
SATURDAY

6:15 am  Breakfast (Fairway Garden)
Exhibits (Fairway Foyer)

6:55  Welcome and Announcements (Fairway Ballroom)
  Michael J. Gardner, MD and Kyle J. Jeray, MD

BE –IN THE KNOW- DAMAGE CONTROL
Moderator: Frank A. Liporace, MD

7:00  Damage Control Orthopaedics
  ▪ Concept and Physiological Basis for DCO
  ▪ How to Identify Patients Who Benefit From a DCO Approach
  ▪ Data Supporting and Refuting DCO in Borderline Patients
    Geoffrey Marecek, MD

7:30  Question & Answer
  Geoffrey Marecek, MD

7:40  What to Do in the Middle of the Night
  ▪ Injuries that Require Immediate Intervention
  ▪ Techniques of Acute Limb Stabilization
  ▪ Compartment Syndrome Diagnosis and Treatment
    Daniel R. Dziadosz, MD

7:55  Question & Answer
  Daniel R. Dziadosz, MD

8:00  SMALL GROUP DISCUSSION: Damage Control
  ▪ A Lead Faculty Member Will Review a Case
  ▪ Each Roundtable Will Discuss Briefly
  ▪ The Lead Will Ask a Few Tables to Share Discussion
  ▪ Move to Next Case
  Lead Faculty: Geoffrey Marecek, MD
  Tabletop Faculty: Drs. Bishop, Capo, Creevy, Dziadosz, Gardner, Jeray, Jones, Klewen, Liporace, McAndrew, and Tornetta

9:00  Refreshment Break (Fairway Foyer)
Exhibits (Fairway Foyer)

PEDIATRICS (Fairway Ballroom)
Moderator: Kyle J. Jeray, MD

9:20  Pediatric Update on Common Fractures
  ▪ Most Common Pediatric Fractures
  ▪ Timing and Reduction Techniques in Supracondylar Humerus Fractures
  ▪ Treatment Options for Pediatric Femoral Shaft Fractures
    Susan A. Scherl, MD
9:40 VIDEO: Pinning of Supracondylar Humerus Fractures (Pediatric)
Susan A. Scherl, MD

9:50 Question & Answer
Susan A. Scherl, MD

9:55 SMALL GROUP DISCUSSION: Pediatric
- A Lead Faculty Member Will Review a Case
- Each Roundtable Will Discuss Briefly
- The Lead Will Ask a Few Tables to Share Discussion
- Move to Next Case
Lead Faculty: Susan A. Scherl, MD
Tabletop Faculty: Drs. Capo, Creevy, Dziadosz, Gardner, Jeray, Jones, Kleweno, Liporace, Marecek, McAndrew, and Tornetta

INFECTION AND NONUNION
Moderator: Michael J. Gardner, MD

10:35 Nonunion Workup
- Common Causes of Nonunions
- Mechanical Contributions to Nonunion Development
- Biological Patient and Injury Factors that Contribute to Nonunion
Clifford B. Jones, MD, FACS

10:50 Question & Answer
Clifford B. Jones, MD, FACS

10:55 Infection
- Appropriate Work Up for Infections
- New Techniques to Manage Infections
- Outcomes of Orthopedic Infections
Julius A. Bishop, MD

11:10 Question & Answer
Julius A. Bishop, MD

11:15 SMALL GROUP DISCUSSION: Nonunion and Infection
- A Lead Faculty Member Will Review a Case
- Each Roundtable Will Discuss Briefly
- The Lead Will Ask a Few Tables to Share Discussion
- Move to Next Case
Lead Faculty: Christopher McAndrew, MD
Tabletop Faculty: Drs. Bishop, Creevy, Dziadosz, Gardner, Jeray, Jones, Kleweno, Liporace, Marecek, Scherl, and Tornetta

12:00 Course Adjourns
DIRECTORS

Michael J. Gardner, MD  
Stanford University School of Medicine  
Redwood City, CA

Kyle J. Jeray, MD  
Greenville Hospital System  
Greenville, SC

FACULTY

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University of Texas Medical School at Houston  
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Julius A. Bishop, MD  
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Palo Alto, CA

John T. Capo, MD  
New York University  
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W. Wood Cross III, MD  
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New York University Medical Center  
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Erik Kubiak, MD  
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Geoffrey Marecek, MD  
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Christopher McAndrew, MD  
Washington University School of Medicine  
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Susan A. Scherl, MD  
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CME Course Coordinator

Dawn Martinez  
CME Course Assistant
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**AAOS Organizer** No disclosure available

**Timothy S Achor, MD** Faculty Submitted on: 11/12/2015
Synthes: Paid consultant

**Julius A Bishop, MD** Faculty Submitted on: 10/15/2015
Covidien: Research support
Globus Medical: Paid consultant
Innomed: IP royalties

**John T Capo, MD** Faculty Submitted on: 10/03/2015
Informa Healthcare: Publishing royalties, financial or material support
Integra Life Sciences: Paid presenter or speaker
Journal of Bone and Joint Surgery - American: Editorial or governing board
Journal of Hand Surgery - American: Editorial or governing board
Journal of Orthopaedics and Traumatology: Editorial or governing board
Wright Medical Technology, Inc.: IP royalties; Paid consultant

**Kathleen Caswell** Staff (This individual reported nothing to disclose); Submitted on: 10/20/2015

**William R Creevy, MD** Faculty Submitted on: 01/20/2016
AAOS: Board or committee member
Orthopaedic Trauma Association: Board or committee member

**William Wood Cross III, MD** Faculty (This individual reported nothing to disclose); Submitted on: 01/27/2016

**Daniel Richard Dziadosz, MD** Faculty Submitted on: 02/22/2016
Biomet: Paid consultant; Paid presenter or speaker
Smith & Nephew: Paid presenter or speaker
SynthesAO North America: Paid presenter or speaker

**Kenneth A Egol, MD** Faculty Submitted on: 10/16/2015
Exactech, Inc: IP royalties; Paid consultant
KCI: Paid consultant
OMEGA: Research support
OREF: Research support
Orthopaedic Trauma Association: Board or committee member
SLACK Incorporated: Publishing royalties, financial or material support
Synthes: Research support
Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support
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**Michael J Gardner, MD** Director Submitted on: 02/15/2016
BoneSupport AB: Paid consultant
Current Opinion in Orthopaedics: Editorial or governing board
Journal of Bone and Joint Surgery - American: Publishing royalties, financial or material support
KCI: Paid consultant
Orthopaedic Trauma Association: Board or committee member
Pacira Pharmaceuticals: Paid consultant
Stryker: Paid consultant
Synthes: Paid consultant; Research support
Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support

**David J Hak, MD** Committee Liaison Submitted on: 04/24/2015
AAOS: Board or committee member
DePuy, A Johnson & Johnson Company: Paid presenter or speaker
European Journal of Orthopaedic Surgery: Editorial or governing board
International Society for Fracture Repair: Board or committee member
Invibio: Paid consultant
Journal of Orthopaedic Trauma: Editorial or governing board
Kuros Biosurgery: Paid consultant
Merck: Paid consultant
Orthopaedic Trauma Association: Board or committee member
Orthopedics: Editorial or governing board
SLACK Incorporated: Publishing royalties, financial or material support

**Kyle James Jeray, MD** Director Submitted on: 10/01/2015
American Orthopaedic Association: Board or committee member
Journal of Bone and Joint Surgery - American: Editorial or governing board
Journal of Orthopaedic Trauma: Editorial or governing board
Orthopaedic Trauma Association: Board or committee member
Southeastern Fracture Consortium: Board or committee member
Synthes: Research support
Zimmer: Paid consultant

**Clifford B Jones, MD, FACS** Faculty Submitted on: 02/21/2016
Journal of Bone and Joint Surgery - American: Editorial or governing board
Journal of Orthopaedics and Traumatology: Editorial or governing board
Lippincott: IP royalties
Mid Americian Orthopaedic Society: Board or committee member
Orthopaedic Trauma Association: Board or committee member

**Conor P Kleweno, MD** Faculty (This individual reported nothing to disclose); Submitted on: 10/05/2015
Erik Kubiak, MD  *Faculty*  Submitted on: 03/01/2016
Connextions Medical, Inc.: Stock or stock Options
DePuy, A Johnson & Johnson Company: Paid consultant
DJ Orthopaedics: Paid consultant
Foundation for Orthopaedic Trauma: Board or committee member
Journal of Orthopaedic Trauma: Editorial or governing board
OrthoGrid Technologies, Inc.: Stock or stock Options
Zimmer: Research support

Frank A Liporace, MD  *Faculty*  Submitted on: 11/30/2015
AO: Unpaid consultant
Biomet: IP royalties; Paid consultant; Paid presenter or speaker
Medtronic: Paid consultant
Stryker: Paid consultant; Paid presenter or speaker
Synthes: Paid consultant; Paid presenter or speaker

Geoffrey Marecek, MD  *Faculty*  Submitted on: 03/06/2016
AAOS: Board or committee member

Christopher McAndrew, MD  *Faculty*  Submitted on: 05/28/2015
Journal of Bone and Joint Surgery - American: Publishing royalties, financial or material support
Synthes: Paid presenter or speaker

Howard Mevis  *Staff*  Submitted on: 10/01/2015
Bristol-Myers Squibb: Stock or stock Options
GE Healthcare: Stock or stock Options
Orthopaedic Learning Center: Board or committee member

Ellen Moore  *Staff* (This individual reported nothing to disclose); Submitted on: 10/05/2015

Steven J Morgan, MD  *Committee Liaison*  Submitted on: 10/04/2015
Cardinal Health: Paid consultant
Johnson & Johnson: Stock or stock Options
Journal of Orthopaedic Trauma: Editorial or governing board
Orthopaedic Trauma Association: Board or committee member
SLACK Incorporated: Publishing royalties, financial or material support

Ann O'Neill  *Staff*  Submitted on: 10/06/2015
Johnson & Johnson: Stock or stock Options
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Susan A Scherl, MD  Faculty  Submitted on: 11/11/2015
AAOS: Board or committee member
American Orthopaedic Association: Board or committee member
Pediatric Orthopaedic Society of North America: Board or committee member
POSNA Resident Review: Editorial or governing board
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Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support

Amber Schroeder  Staff (This individual reported nothing to disclose); Submitted on: 01/04/2016

Paul Tornetta III, MD  Faculty  Submitted on: 10/01/2015
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Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support

Philip R Wolinsky, MD  Faculty  Submitted on: 10/01/2015
Biomet: Paid presenter or speaker
Journal of Orthopedic Trauma: Editorial or governing board
OTA, AAOS, AOA, ACS: Board or committee member
Synthes: Research support
Zimmer: Paid consultant