

ORTHOPAEDIC TRAUMA ASSOCIATION'S  
**2010 Comprehensive Fracture Course for Residents**  
Final Program

October 13 – 16, 2010

*Hyatt Regency Baltimore Hotel - Baltimore, Maryland*

*Laura J. Prokuski, MD, Chair*

*Michael T. Archdeacon, MD, Co-Chair*

**Wednesday, October 13, 2010**

6:30 am Registration and Continental Breakfast (*Constellation Foyer*)  
(Registration also available 4 pm - 7 pm, Tues., Oct. 12, 2010)

**FRACTURE HEALING** (*Constellation DEF*)

Committee Leader: Kyle J. Jeray, MD

Moderator: Kyle J. Jeray, MD

7:30 am Course Introduction

*Laura J. Prokuski, MD*  
*Michael T. Archdeacon, MD*

7:35 am (p.) Basic Science of Fracture Healing

*Joseph M. Lane, MD*

7:55 am (p.) Principles of Closed Fracture Healing

*Augusto A. Sarmiento, MD*

8:25 am (p.) Bone Grafts & Bone Graft Substitutes

*Toni M. McLaurin, MD*

8:45 am (p.) Fracture Healing Adjuvants: Bone Stimulators

*Bradley R. Merk, MD*

9:00 am Questions & Discussion

9:05 am Travel to Labs

**9:10 am HANDS-ON SKILL LABS: Casting/Functional Braces**

*Steven J. Morgan, MD*

(Annapolis/Baltimore) A) Functional Fracture Bracing Lab/Humerus & Tibia (p.)  
(Break: 9:50 - 10:05 am)

(Columbia/Frederick) B) Splinting & Casting Lab: Lower Leg/Ankle (p.)

*Michael J. Prayson, MD*

(*Constellation DEF*)

Moderator: Michael T. Archdeacon, MD

10:45 am (p.) Polytrauma Patients: Evaluation & Assessment

*James P. Waddell, MD*

10:55 am (p.) Provisional Stabilization: Damage Control

*Langdon A. Hartsock, MD*

11:05 am (p.) Compartment Syndrome & Soft Tissue Evaluation

*Michael Suk, MD, JD*

11:15 am (p.) Managing the Open Fracture

*Brian H. Mullis, MD*

11:30 am (p.) **Panel Discussion:**  
**"To Cut or Not To Cut"**

Moderator: Gregory J. Della Rocca, MD, PhD  
*Fracture Healing Faculty*

12:30 pm Lunch (*Atrium Lobby*)

**SURGICAL FIXATION** (*Constellation DEF*)

Committee Leader: Clifford B. Jones, MD

Moderator: Clifford B. Jones, MD

1:30 pm (p.) Absolute Stability: Lag Screw/Compression Plating

*Samir Mehta, MD*

1:45 pm (p.) Relative Stability: IM Nail/Bridge Plating

*Clifford B. Jones, MD*

2:00 pm (p.) Tension Band/Buttress Plate

*Chad P. Coles, MD*

2:15 pm *Break*

2:30 pm (p.) Mechanics of Ex-Fix

*Gregory J. Della Rocca, MD, PhD*

2:45 pm (p.) Locked Plating

*Michael J. Gardner, MD*

3:00 pm (p.) Minimal Invasive Fixation

*Cory A. Collinge, MD*

3:15 pm (p.) Panel Discussion: Failure of Fixation, Why?

*Surgical Fixation Panel*

4:00 pm (p.) Travel to Labs

**4:05 pm HANDS-ON SKILL LABS:**

*Clifford B. Jones, MD*

(Conv. Center: 314) A) Tension Band Fixation (p.)

(Conv. Center: 315) B) Interfragmentary Screw Fixation & Compression Plating (p.)

*Daniel S. Horwitz, MD*

5:30 pm Adjourn for the Day

6:00 – 9:00 pm **RESIDENTS WELCOME RECEPTION** (*Pisces Rooftop*)



## Thursday, October 14, 2010

7:00 am Registration and Continental Breakfast (*Constellation Foyer*)

### UPPER EXTREMITY (*Constellation DEF*)

Committee Leader: David C. Ring, MD

Moderator: David C. Ring, MD

7:30 am (p. **Early Morning Session Lecture/Review** David C. Ring, MD

Case-based Discussion Panel:

*Michael D. McKee, MD, Charles M. Court-Brown, MD, David P. Barei, MD,  
Cory A. Collinge, MD, Kenneth A. Egol, MD*

7:40 am (p. Shoulder Girdle: Diaphyseal Clavical, Lateral Clavical, AC Joint,  
Scapula, Glenoid, SC Joint

8:15 am (p. Humerus: Proximal, Shaft, Distal

8:50 am (p. Proximal Radius and Ulna

9:25 am Break

### 9:35 am HANDS-ON SKILL LABS:

(*Conv. Center: 316*) A) Forearm Fracture Lab (p.

*John T. Capo, MD*

(*Conv. Center: 314*) B) Distal Radius Lab (p.

*Michael D. McKee, MD*

10:50 am (p. **Late Morning Session Lecture/Review** David C. Ring, MD

Case-based Discussion Panel:

*Margaret M. McQueen, MD, John T. Capo, MD, Thomas F. Varecka, MD*

11:00 am (p. Forearm

11:30 am (p. Wrist

12:00 pm Luncheon

### FOOT/PROBLEMS IN FRACTURE CARE (*Constellation DEF*)

Committee Leader: Frank A. Liporace, MD

Moderator: Sean E. Nork, MD

#### Fractures and Injuries of the Foot

1:00 pm (p. Fractures of the Talus

*Thomas F. Higgins, MD*

1:15 pm (p. Fractures and Dislocations of the Midfoot & Hindfoot

*Robert N. Reddix, Jr., MD*

1:30 pm (p. Fractures of the Calcaneus

*Frank A. Liporace, MD*

1:45 pm (p. Soft Tissue Coverage & Amputation  
in the Traumatized Foot

*Timothy G. Weber, MD*

2:00 pm (p. Discussion & **CASE PRESENTATIONS**

*Foot Problem Faculty*

2:20 pm Break

#### Problems in Fracture Care

Moderator: S. Andrew Sems, MD

2:35 pm (p. Tibial Nonunion

*Mark A. Lee, MD*

2:50 pm (p. Infection

*Gilbert R. Ortega, MD*

3:05 pm (p. Special Considerations for Fracture Care  
in the Obese Patient

*George V. Russell, Jr., MD*

3:20 pm (p. Fractures in Osteopenic Bone

*Animesh Agarwal, MD*

3:35 pm (p. Thromboembolism

*Matt L. Graves, MD*

3:50 pm (p. Discussion & **CASE PRESENTATIONS**

*Fracture Problem Faculty*

4:30 pm Travel to Labs

### 4:35 pm HANDS-ON SKILL LABS: Calcaneus Fractures

(*Conv. Center: 315*) Section 1 (p.

*David J. Stephen, MD*

(*Conv. Ctr: 318/319*) Section 2 (p.

*Timothy G. Weber, MD*

5:45 pm Adjourn for the Day

6:30 – 8:30 pm **Annual Meeting Welcome Reception**  
at Camden Yard – *Residents Welcome*

Join us for entertainment, cocktails and a generous  
assortment of hors d'oeuvres. Accompanying persons  
are welcome for an additional fee.



## Friday, October 15, 2010

7:00 am Registration and Continental Breakfast (*Constellation Foyer*)

### SPINE TOPICS (*Constellation DEF*)

Committee Leader: **Richard J. Bransford, MD**

Moderator: **Richard J. Bransford, MD**

7:30 am Course Introduction

*Laura J. Prokuski, MD*

7:30 am (p. Exam and Radiographic Evaluation of the Spine in Trauma

*Daniel T. Altman, MD*

7:45 am (p. Pathophysiology of Spinal Cord Injury

*Rudolph Reindl, MD*

7:55 am (p. Upper Cervical Fractures – Occiput to C2  
Classification and Treatment

*John C. France, MD*

8:10 am (p. Classification of Spine Injuries Subaxial Cervical  
and Thoracolumbar Fractures

*Steven C. Ludwig, MD*

8:20 am (p. Subaxial Cervical Spine and Cevicothoracic  
Junction – Treatment

*Daniel E. Gelb, MD*

8:35 am Discussion and Questions

8:45 am Break

8:55 am (p. Thoracolumbar Fractures Treatment Options

*Richard J. Bransford, MD*

### 9:15 am CASE DISCUSSIONS

9:50 am Travel to Labs

#### 9:55 am HANDS-ON SKILL LABS: Casting/Functional Braces

(*Conv. Center: 316*) A) Cervical Lab (Lateral Mass Fixation, C1-2 Transarticular  
Fixation, C1 Lateral Mass Fixation) (p.

(*Break: 10:50 - 11:05 am*)

*John C. France, MD*

(*Conv. Center: 317*) B) Thoracolumbar Lab (Pedicule Screw Placement  
& Indirect Reduction of Burst Fracture) (p.

*Daniel T. Altman, MD*

Noon

Lunch – Box lunches will be available outside of lab rooms.

*All resident course participants, please proceed to the OTA Exhibit Hall (Hall B).*

### PELVIS/ACETABULUM/FEMUR (*Constellation DEF*)

Committee Leader: **Nirmal C. Tejwani, MD**

Moderator: **Nirmal C. Tejwani, MD**

1:00 pm (p. Pelvic Ring Fractures: Emergent Management

*Wade R. Smith, MD*

1:15 pm (p. Pelvic Ring Fractures: Definitive Management

*Edward A. Perez, MD*

1:30 pm (p. Acetabular Fractures: Radiology & Classification

*H. Claude Sagi, MD*

1:45 pm (p. Acetabular Fractures: Choice of Approach &  
Techniques of Reduction

*Michael D. Stover, MD*

2:00 pm Discussion & Questions

*Pelvis Faculty*

2:15 pm Break

2:30 pm (p. Pediatric Femoral Fracture Management

*Steven L. Frick, MD*

2:45 pm (p. Peritrochanteric Fracture Management: Plate vs. Nail

*Brian D. Solberg, MD*

3:00 pm (p. Femoral Shaft Fractures

*James C. Krieg, MD*

3:15 pm (p. Femoral Neck Fractures

*Andrew H. Schmidt, MD*

3:30 pm (p. Fractures of the Distal Femur: Treatment Options

*Philip J. Kregor, MD*

3:45 pm Discussion & Questions

4:00 pm Travel to Labs

#### 4:05 pm HANDS-ON SKILL LABS:

(*Conv. Center: 310*) A) Proximal Femoral Nailing (p.

*Daniel N. Segina, MD*

(*Conv. Center: 314*) B) Locking Distal Femur (p.

*Rafael Neiman, MD*

5:35 pm

Adjourn for the Day

## Saturday, October 16, 2010

7:00 am Registration and Continental Breakfast (*Constellation Foyer*)

### TIBIA/ANKLE TOPICS (*Constellation DEF*)

Committee Leader: Charles N. Moon, MD

Moderator: Michael S. Sirkin, MD

7:30 am (p. Patellar Fractures & Extensor  
Mechanism Disruption

Samir Mehta, MD

Samir Mehta, MD

7:45 am (p. Metaphyseal Tibia Fractures – Treatment Options and Tips  
Treatment Options and Tips

Milan K. Sen, MD

8:00 am (p. Closed Tibia Shaft Fractures – Tips and Tricks

Michael S. Sirkin, MD

8:15 am (p. Reducing & Stabilizing Open Tibial  
Shaft Fractures: Nail, Ex-Fix, Plate?

Eric Meinberg, MD

8:30 am (p. Ankle Fractures: Type A & B & C

Lisa A. Taitzman, MD

8:45 am (p. **Panel Discussion**

Tibial/Ankle Faculty

9:10 am Break/Travel to Labs

9:25 am

### HANDS-ON SKILL LABS:

#### Spanning Ex-Fix Strategies/ORIF Plateau: Options

(Conv. Center: 315) Section 1: Spanning Ex-Fix Strategies  
ORIF (p.

Gilbert R. Ortega, MD

William G. DeLong, Jr., MD

(Conv. Ctr: 318/319) Section 2: Spanning Ex-Fix Strategies  
ORIF (p.

Philip F. Stabel, MD

Amir M. Matityahu, MD

Moderator: Brad J. Yoo, MD

10:40 am (p. Tibial Plateau Fractures – Treatment Options

Brent L. Norris, MD

11:00 am (p. Tibial Pilon Fractures – Treatment Options

Kenneth Wilkens, MD

11:20 am (p. Soft Tissue Coverage Options Lower Extremity  
Free Flap vs. Rotational Flap

Steven J. Morgan, MD

11:30 am (p. Amputations of the Lower Extremity:  
When, Where, How?

Robert D. Zura, MD

11:40 am (p. **Panel Discussion: Case Controversies**

Tibial/Ankle Faculty

12:15 pm Adjourn

The Orthopaedic Trauma Association extends sincere appreciation  
to the following companies for supporting OTA Resident Education.

