



## **Specialty Day 2012**

Moscone Convention Center - West  
Room 2002  
San Francisco, California, USA

7:30 a.m. to 5:20 p.m.

February 11, 2012

### **2012 SPECIALTY DAY PLANNING COMMITTEE\***

**Andrew N. Pollak, MD, OTA President**

**Jeffrey O. Anglen, MD**

**James A. Goulet, MD**

**Robert A. Probe, MD**

**William M. Ricci, MD**

**John K. Sontich, MD**

\*Disclosures noted on pages 13 - 17.

## EDUCATIONAL OBJECTIVES

Upon completion of this program, participants should be able to:

- Increase understanding and issues surrounding sleep deprivation and fatigue management in orthopaedics
- Increase understanding of the burden of musculoskeletal injury during war and opportunities for the orthopaedic community
- Expand knowledge of key issues in professional liability and trauma call
- Improve treatment decisions in complex lower extremity injuries, standard and wire ring fixation solutions

## ACCREDITATION – CME INFORMATION

This Specialty Day Meeting of the Orthopaedic Trauma Association has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the American Academy of Orthopaedic Surgeons (AAOS) and the Orthopaedic Trauma Association. The AAOS is accredited by the ACCME to provide continuing medical education for physicians.

## CME CREDIT

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of **7.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**CME Certificates for the Annual Meeting and participating Specialty Day events are available to print at the CME Kiosks which are located throughout the Convention Center.**

Attendance at an OTA event authorizes the OTA to capture your image or likeness in photographic, digital video, or other electronic format, and authorizes the OTA to use said image or likeness in marketing materials to promote OTA, including print, electronic and on the internet. OTA warrants that its use of the image or likeness will not be in a negative manner.

OTA has no control over the use of the image or likeness by third parties and therefore makes no express or implied warranties on any use by third parties.

7:30 am                    **Welcome**  
*Andrew N. Pollak, MD, OTA President*  
*(Baltimore, Maryland)*

**SLEEP DEPRIVATION AND FATIGUE MANAGEMENT IN ORTHOPAEDICS:  
IS MANDATORY DISCLOSURE OR DUTY HOUR RESTRICTIONS THE ANSWER?**

*Moderator: Jeffrey O. Anglen, MD (Indianapolis, Indiana)*

7:35 – 9:30 am

7:40 am                    **Stephen Albanese, MD** (Syracuse, New York)  
(p. 29)                    *Board Member American Board of Orthopaedic Surgery*

8:00 am                    **Michael Nurok, MBChB, PhD** (New York, New York)  
(p. 34)                    *Clinical Associate Professor, Weill Cornell Medical College;*  
*Department of Anesthesiology, Hospital for Special Surgery*

8:20 am                    **Carlos A. Pellegrini, MD, FACS, FRCSI (Hon.)** (Seattle, Washington)  
(p. 47)                    *Immediate Past Chair of the Board of Regents, American College of Surgeons*  
*and The Henry N. Harkins Professor and Chair; Department of Surgery,*  
*University of Washington*

8:40 am                    **Gregory Belenky, MD,** (Spokane, Washington)  
(p. 48)                    *Research Professor and Director, Sleep and Performance Research Center,*  
*Washington State University*

9:00 am                    **Discussion**

9:30 am                    **Break**

**BURDEN OF MUSCULOSKELETAL INJURY DURING WAR AND  
OPPORTUNITIES FOR ORTHOPAEDIC COMMUNITY**

*Moderators: Michael J. Bosse, MD (Charlotte, North Carolina)*

*& Joseph C. Wenke, PhD (Fort Sam Houston, Texas)*

9:45 – 11:00 am

9:45 am                    **Overview of Musculoskeletal Injury and Community Response**  
(p. 49)                    *Joseph C. Wenke, PhD (Fort Sam Houston, Texas)*

9:50 am                    **Blast or Blunt: A Case for Studying Civilian Trauma to**  
(p. 50)                    **Advance Battlefield Injuries**  
*Joseph R. Hsu, MD (Fort Sam Houston, TX)*

See pages 13 - 17 for financial disclosure information.

- Indicates those faculty presentations in which the FDA has not cleared the drug and/or medical device for the use described (i.e., the drug or medical device is being discussed for an “off label” use). For full information, refer to page 173.

- 10:05 am  
(p. 51)                    **Characterization of Combat Injuries, Hospitalization Costs, and Long Term Disabilities**  
*James R. Ficke, MD (Fort Sam Houston, Texas)*
- 10:20 am  
(p. 61)                    **Research Gap Areas for the Military**  
*COL Romney C. Andersen, MD (Bethesda, MD)*
- 10:35 am  
(p. 62)                    **A Consortium Approach to Address the Most Pressing Trauma Issues**  
*Michael J. Bosse, MD (Charlotte, NC)*
- 10:50 am                    **Discussion**

**OTA ANNUAL MEETING HIGHLIGHTS**

*Moderators: James A. Goulet, MD (Ann Arbor, Michigan)  
& Thomas F. Higgins, MD (Salt Lake City, Utah)*

11:00 am – 12:05 pm

- 11:00 am  
(p. 65)                    **New Technologies and Concepts from the 2011 OTA Annual Meeting**  
*James A. Goulet, MD (Ann Arbor, Michigan)*
- 11:25 am  
(p. 66)                    **Overview of the 2011 OTA Annual Meeting Highlight Papers**  
*Thomas F. Higgins, MD (Salt Lake City, Utah)*
- 11:50 am                    **Edwin G. Bovill Award Presentation**  
Introduction: *Andrew N. Pollak, MD, OTA President*
- Best Papers of the 2011 OTA Annual Meeting** (*two tied for this award*)
- (p. 69)                    **Posterolateral Antiglidle Versus Lateral Plating for SE Pattern Ankle Fractures: A Multicenter Randomized Control Trial**  
*Paul Tornetta, III, MD<sup>1</sup>; Laura S. Phieffer, MD<sup>2</sup>; Clifford B. Jones, MD<sup>3</sup>; Janos P. Ertl, MD<sup>4</sup>; Brian H. Mullis, MD<sup>4</sup>; Kenneth A. Egol, MD<sup>5</sup>; Michael J. Gardner, MD<sup>6</sup>; William M. Ricci, MD<sup>6</sup>; David C. Teague, MD<sup>7</sup>; William Ertl, MD<sup>7</sup>; Cory A. Collinge, MD<sup>8</sup>; Ross K. Leighton, MD<sup>9</sup>; Ojas Joshi, MS<sup>1</sup>;*  
*<sup>1</sup>Boston University Medical Center, Boston, Massachusetts, USA;*  
*<sup>2</sup>Ohio State University Medical Center, Columbus, Ohio, USA;*  
*<sup>3</sup>Orthopaedic Associates of Michigan, Grand Rapids, Michigan, USA;*  
*<sup>4</sup>Indiana University, Indianapolis, Indiana, USA;*  
*<sup>5</sup>NYU Hospital for Joint Disease, New York, New York, USA;*  
*<sup>6</sup>Washington University, St. Louis, Missouri, USA*  
*<sup>7</sup>University of Oklahoma, Oklahoma City, Oklahoma, USA;*  
*<sup>8</sup>Orthopaedic Associates – Fort Worth, Fort Worth, Texas, USA;*  
*<sup>9</sup>Halifax Infirmary, Halifax, Nova Scotia, Canada*

See pages 13 - 17 for financial disclosure information.

Δ = presentation was funded by an OTA administered grant.

(p. 71) **Δ Efficacy of Popliteal Block in Postoperative Pain Control After Ankle Fracture Fixation: A Prospective Randomized Study**  
*Rachel Y. Goldstein, MD, MPH; Nicole Montero, BA; Toni M. McLaurin, MD; Kenneth A. Egol, MD; Nirmal C. Tejwani, MD; NYU Hospital for Joint Diseases, New York, New York, USA*

12:05 pm **Lunch Break** (lunch on your own)

12:05 pm **OTA Members Business Meeting** (box lunch provided)

1:00 – 1:45 pm **OTA PRESIDENTIAL GUEST SPEAKER**  
(p. 89) Introduction: *Andrew N. Pollak, MD*  
(*Baltimore, Maryland*)

1:00 pm **"Courage, Compassion and Heroes"**  
*Daniel A. Nigro, Chief of Department (ret.), New York City Fire Department*  
29th Chief to lead the New York City Fire Department on the afternoon of September 11, 2001



## PROFESSIONAL LIABILITY AND TRAUMA CALL

*Moderator: Douglas W. Lundy, MD (Atlanta, Georgia)*

1:45 – 3:00 pm

1:45 pm **Closed Claims Review from AAOS Liability Committee:**  
(p. 91) **What Actually Gets You Sued?**  
*Douglas W. Lundy, MD (Atlanta, Georgia)*

2:05 pm **Case Examples of Very Bad Deviations from the Standard of Care:**  
(p. 94) **Is There Any Good That Comes from Being a Plaintiff's Expert?**  
*Steven I. Rabin, MD (Aurora, Illinois)*

2:25 pm **Balancing the Need for Those Who Have REALLY BEEN HARMED**  
(p. 115) **BY BAD CARE to be Compensated with the Need for MORE PEOPLE**  
**TO BE WILLING TO TAKE TRAUMA CALL!!**  
*James F. Kellam, MD (Charlotte, North Carolina)*

2:45 pm **Open Discussion**

3:00 pm **Break**

- Indicates those faculty presentations in which the FDA has not cleared the drug and/or medical device for the use described (i.e., the drug or medical device is being discussed for an "off label" use). For full information, refer to page 173.



ORTHOPAEDIC TRAUMA ASSOCIATION  
and  
LIMB LENGTHENING AND RECONSTRUCTION SOCIETY  
JOINT SESSION



COMPLEX LOWER EXTREMITY INJURIES, STANDARD  
AND WIRE RING FIXATION SOLUTIONS  
CASE DISCUSSIONS/AUDIENCE ARS  
*Moderator: John K. Sontich, MD (Cleveland, Ohio)*

3:15 – 5:20 pm

**Circular External Fixation Versus Intramedullary Nailing for  
Severe Open Tibia Fractures**

*Moderator: Robert V. O'Toole, MD (Baltimore, Maryland)*

3:15 – 3:31 pm

3:15 pm  
(p. 127)

**Argument Pro-Nailing**

*Michael D. Stover, MD (Maywood, Illinois)*

3:23 pm  
(p. 128)

**Argument Pro- External Fixation**

*James C. Binski, MD (Dayton, Ohio)*

3:31 pm  
(p. 129)

**Open Tibia Shaft Fracture Case Presentation (with audience participation)**

*Robert V. O'Toole, MD (Baltimore, Maryland)*

**Management of Difficult Peri-Articular Tibia Fractures**

*Moderator: J. Tracy Watson, MD (St. Louis, Missouri)*

3:46 – 4:02 pm

3:46 pm  
(p. 130)

**Argument- Pro-ORIF**

*David P. Barei, MD, FRCSC (Seattle, Washington)*

3:54 pm  
(p. 136)

**Argument-Pro-Ring External Fixation**

*John K. Sontich MD (Cleveland, Ohio)*

4:02 pm  
(p. 139)

**Peri-Articular Tibia Fractures Case Presentations**

(with audience participation)

*J. Tracy Watson, MD (St. Louis, Missouri)*

See pages 13 - 17 for financial disclosure information.

Δ = presentation was funded by an OTA administered grant.

**Management of Segmental Bone Loss**  
*Moderator: J. Tracy Watson, MD (St. Louis, Missouri)*

4:17 – 4:33 pm

4:17 pm  
(p. 140)                      **Traditional Bone Grafting, Orthobiologics and RIA**  
*Timothy G. Weber, MD (Indianapolis, Indiana)*

4:25 pm  
(p. 154)                      **Segmental Bone Transport with Indications**  
*James J. Hutson, Jr., MD (Miami, Florida)*

4:33 pm  
(p. 158)                      **Segmental Bone Loss Case Presentations**  
(with audience participation)  
*J. Tracy Watson, MD (St. Louis, Missouri)*

**Soft Tissue Defect Management in High Energy Lower Extremity Traumas**  
*Moderator: Robert V. O'Toole, MD (Baltimore, Maryland)*

4:48 – 5:20 pm

4:48 pm  
(p. 159)                      **Argument Pro-Free Tissue Transfer**  
*L. Scott Levin, MD (Philadelphia, Pennsylvania)*

4:56 pm  
(p. 170)                      **Argument Pro-Soft Tissue Reduction with External Fixation**  
*Joseph R. Hsu, MD (Fort Sam Houston, Texas)*

5:04 pm  
(p. 171)                      **Soft Tissue Defect Management Cases** (with audience participation)  
*Robert V. O'Toole, MD (Baltimore, Maryland)*

5:20 pm                      **Adjourn**

6:00 – 8:00 pm              **OTA Member Reception:**  
San Francisco Marriott Marquis, 55 Fourth Street, Room: Foothill G

**Please complete your evaluation form  
and return to the OTA Registration Desk  
located outside the meeting room.**

**THIS IS ESSENTIAL FOR CME CREDITS.**

**CME Booths are located  
throughout the Moscone Convention Center.**

- Indicates those faculty presentations in which the FDA has not cleared the drug and/or medical device for the use described (i.e., the drug or medical device is being discussed for an "off label" use). For full information, refer to page 173.