

**September 23-24, 2007**

Sixth International Meeting – University of Pittsburgh Medical Center

## **Management of the Patient with Polytrauma**

Sheraton Station Square Hotel • Pittsburgh, Pennsylvania U.S.A.

### **Course Highlights**

- timing of fixation of patients with chest and head injuries
- stabilization of long bone fractures – how and when, damage control orthopaedics
- balanced treatment strategies for simultaneous truncal injuries
  - prevention of respiratory failure
  - pelvic fractures associated with abdominal trauma
  - immunoinflammatory response

*For Online Registration or further information, contact:*

**Tricina Cash, Director of Conference Management**

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Sixth International Meeting – University of Pittsburgh Medical Center

# **Management of the Patient with Polytrauma**

## **September 23-24, 2007**

Sheraton Station Square Hotel – Pittsburgh, Pennsylvania U.S.A.

### **Course Directors**

**H.C. Pape, MD**

Department of Orthopaedics, University of Pittsburgh School of Medicine

**Andrew B. Peitzman, MD**

Department of General Surgery, University of Pittsburgh School of Medicine

### **Co-Chairs**

**Peter Giannoudis, MD** – University of Leeds

**Christian Krettek, MD** – Hannover Medical School

*Sponsored by:*

University of Pittsburgh School of Medicine  
Department of General Surgery  
Department of Orthopaedic Surgery  
Center for Continuing Education in the  
Health Sciences (CCEHS)



*Collaborating Institutions:*

Hannover Medical School • Germany  
University of Leeds • United Kingdom



## Course Highlights

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- Timing of fixation of patients with chest and head injuries
- Stabilization of long bone fractures – how and when, damage control orthopaedics
- Balanced treatment strategies for simultaneous truncal injuries
- Prevention of respiratory failure
- Pelvic fractures associated with abdominal trauma
- Immunoinflammatory response

## Who Should Attend

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General and orthopaedic surgeons, emergency medicine physicians, nurses, residents and fellows.

## Continuing Education Credit

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The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh School of Medicine designates this educational activity for a maximum of **15.25 AMA PRA Category 1 Credits™**. Each physician should only claim credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded **1.525** continuing education units (CEU's) which are equal to **15.25** contact hours.

## Meeting Location

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The conference will be held at the **Sheraton Station Square Hotel**, located at 300 West Station Square Drive, Pittsburgh, PA.

A block of rooms has been reserved at the Sheraton if you should require one. The group rate will be \$169 per night plus applicable taxes. Please call the hotel at (412) 261-2000 and mention that you are attending the *UPMC Polytrauma conference*.

## Special Needs

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Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs **at least two weeks** in advance of the program by calling (412) 647-8257.

## Program Schedule - Sunday, September 23

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7:00 am Registration / Continental Breakfast

7:50 am **Welcome**  
*Dr. Peitzman and Dr. Pape*

### Session I – Polytrauma – General Considerations

8:00 am **Outcome Improvements Due to Major Advances in Trauma A (Rescue, Car Safety, Survival)**  
*Dr. Roberts*

8:15 am **U.S. Academic Trauma System**  
*Dr. Peitzman*

8:30 am **The EU Way of Handling Bad Trauma**  
*Dr. Krettek*

8:45 am **Canadian Trauma System**  
*Dr. Razek*

9:00 am **The German Trauma Network – Care Facilitation Through Use of the Internet**  
*Dr. Bail*

9:15 am Discussion

### Session II – Initial Patient Assessment

9:30 am **Life in the Trauma Bay – Gathering Information and Taking Action**  
*Dr. Ochoa*

9:45 am **Assessment of Blunt Abdominal Trauma (DPL, FAST, or what?)**  
*Dr. Rosengart*

10:00 am **Trauma Bay Diagnostics – What Do We Use Today?**  
*Dr. Ferris*

10:15 am **When Is the Trauma Patient Sick?**  
*Dr. Alarcon*

10:30 am Coffee Break

10:45 am **ARS Cases – How to Overcome Diagnostic Dilemmas**  
*Discussion*

*continued*

### Session III – Standard Injuries and Treatment

- 11:15 am **Head Trauma Overview**  
*Dr. Okonkwo*
- 11:30 am **Current Management of Blunt Chest Injury**  
*Dr. Forsythe*
- 11:45 am **Abdominal Trauma Overview**  
*Dr. Schuchert*
- 12:00 pm **Pelvic Ring Injuries Overview**  
*Dr. Cole*
- 12:15 pm Lunch
- 1:30 pm **ARS Cases**

### Session IV – Pelvic and Acetabular Trauma

- 2:00 pm **Closing Pelvic Volume vs Angiography**  
*Dr. Mormino*
- 2:10 pm **Ex Fix vs Binder vs C Clamp**  
*Dr. Pape*
- 2:20 pm **Algorithm to Exclude Urological Injuries**  
*Dr. Jackman*
- 2:30 pm **Role of General Surgery in the Management of Pelvic Fractures**  
*Dr. Peitzman*
- 2:40 pm **When and How to Fix the Acetabulum**  
*Dr. Mears*
- 2:50 pm Coffee Break
- 3:10 pm **ARS Cases: General Surgeons**  
**Practical: Orthopaedic Surgeons**

### Session V – Orthopaedic Emergencies / Urgencies

- 4:30 pm **Which Spinal Fractures Require Emergency Surgery?**  
*Dr. D. Altman*
- 4:40 pm **Why Is a Dislocation an Emergency?**  
*Dr. Tarkin*

- 4:50 pm **Compartment Syndrome**  
*Dr. L. Phieffer*
- 5:00 pm **Vascular Injuries**  
*Dr. Alarcon*
- 5:10 pm **Open Fractures in Polytrauma**  
*Dr. G. Altman*
- 5:20 pm Sunday Adjournment
- 5:30 pm Reception
- 6:30 pm Course Dinner

### Program Schedule - Monday, September 24

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- 7:15 am Continental Breakfast

### Session VI – Decision Making: Extremities

- 8:00 am **Competency Threads to Life and Limb: Priority Care**  
*Dr. Rodriguez*
- 8:15 am **Indications Early Total Care vs Damage Control: Visceral**  
*Dr. Peitzman*
- 8:30 am **Indications Early Total Care vs Damage Control: Orthopaedic**  
*Dr. Pape*

### Session VII – Long Bone Fractures

- 8:45 am **Chest, Head and Pelvic Injury – Change in Decision Making for the Long Bone Fracture?**  
*Dr. Olson*
- 9:00 am **Complications Associated with Nailing**  
*Dr. Giannoudis*
- 9:10 am **Complications Associated with External Fixation for DCO**  
*Dr. Cole*
- 9:10 am **ARS Cases**
- 9:30 am Coffee Break

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## Session VIII – ICU Treatment and Complications

- 10:00 am **Pathophysiology of Management of SIRS, MODS, after Trauma**  
*Dr. van Griensven*
- 10:20 am **What Is New in the Treatment of ARDS?**  
*Dr. Puyana*
- 10:40 am **Pain Relief Strategies**  
*Dr. Chelly*
- 11:15 am **ARS Cases: General Surgeons**  
*Practical: Orthopaedic Surgeons*
- 12:30 pm Lunch

## Session IX – Staged Treatment of Extremity Fractures

- 1:30 pm **Fixation of Intraarticular Elbow Fractures**  
*Dr. Josten*
- 1:45 pm **Tibial Plateau Fractures**  
*Dr. Gruen*
- 2:00 pm **Pilon Fractures with Severe Soft Tissue Injuries**  
*Dr. Tarkin*
- 2:15 pm **Foot and Ankle**  
*Dr. Clare*

## Session X – Timing and Techniques of Reconstruction

- 2:30 pm **Timing and Techniques of Reconstruction of Soft Tissue Defects**  
*Dr. Russavage*
- 2:45 pm **Reconstruction of Bone Defects**  
*Dr. Sojka*

## Session XI – Panel Discussion

- 3:00 pm **Bring Your Own Cases (*My Worst Complication*)**

## Session XII – Patient Room

- 4:00 pm Patient Report
- 4:30 pm Summary – Evaluation and Closure
- 5:00 pm Course Adjournment

*THIS SCHEDULE IS SUBJECT TO CHANGES.*

## Course Directors

### Hans-Christoph Pape, MD

Associate Professor of Orthopaedic Surgery  
University of Pittsburgh School of Medicine  
Pittsburgh, Pennsylvania

### Andrew Peitzman, MD

Professor of General Surgery  
University of Pittsburgh School of Medicine  
Pittsburgh, Pennsylvania

## Guest Faculty

### Hermann J. Bail, MD

Privatdozent  
Humboldt University of Berlin  
Berlin, Germany

### Michael P. Clare, MD

Affiliate Associate Professor of Orthopaedic  
Trauma Surgery  
University of South Florida College of Medicine  
Tampa, Florida

### Peter A. Cole, MD

Professor of Orthopaedic Surgery  
University of Minnesota  
St. Paul, Minnesota

### Peter Giannoudis, MD

Professor of Orthopaedic Surgery  
University of Leeds  
Leeds, United Kingdom

### Christoph Josten, MD, PhD

Professor of Orthopaedic Surgery  
University of Leipzig  
Leipzig, Germany

### Christian Krettek, MD, PhD

Professor of Orthopaedic Trauma Surgery  
Hannover Medical School  
Hannover, Germany

### Matthew A. Mormino, MD

Associate Professor of Orthopaedic Surgery  
and Rehabilitation  
University of Nebraska College of Medicine  
Omaha, Nebraska

### Steven Olson, MD

Associate Professor of Orthopaedic Surgery  
Duke University  
Durham, North Carolina

### Laura Phieffer, MD

Assistant Professor of Orthopaedics  
Ohio State University  
Cleveland, Ohio

### Tarek Razek, MD

Assistant Professor of Surgery  
McGill University School of Medicine  
Montreal, Canada

### Craig S. Roberts, MD

Associate Professor of Orthopaedic Surgery  
University of Louisville School of Medicine  
Louisville, Kentucky

### Jorge L. Rodriguez, MD

Professor of Surgery  
University of Louisville School of Medicine  
Louisville, Kentucky

### John M. Sojka, MD

Assistant Professor of Orthopaedic Surgery  
University of Kansas School of Medicine  
Kansas City, Kansas

### Martijn van Griensven, PhD

Ludwig Boltzmann Institute for Experimental  
and Clinical Traumatology  
Vienna, Austria

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## Local Faculty

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### Louis H. Alarcon, MD

Assistant Professor of Critical Care Medicine  
and Surgery  
University of Pittsburgh School of Medicine  
Pittsburgh, Pennsylvania

### Daniel T. Altman, MD

Professor of Orthopaedic Surgery  
Department of Orthopaedics  
Allegheny General Hospital  
Pittsburgh, Pennsylvania

### Gregory T. Altman, MD

Department of Orthopaedics  
Allegheny General Hospital  
Pittsburgh, Pennsylvania

### Jacques Chelly, MD

Professor of Anesthesiology

### James Vincent Ferris, MD

Associate Professor of Radiology

### Raquel M. Forsythe, MD

Visiting Assistant Professor of General Surgery

### Gary Gruen, MD

Professor of Orthopaedic Surgery

### Stephen V. Jackman, MD

Visiting Associate Professor of Urology

### Dana C. Mears, MD, PhD

Greater Pittsburgh Orthopaedics  
Pittsburgh, Pennsylvania

### Juan Ochoa, MD

Associate Professor of Critical Care Medicine  
and Surgery

### David O. Okonkwo, MD, PhD

Assistant Professor of Neurological Surgery

### Juan Carlos Puyana, MD

Associate Professor of Critical Care Medicine  
and Surgery

### Matthew Rosengart, MD

Clinical Assistant Professor of General Surgery

### James M. Russavage, MD, DMD

Clinical Assistant Professor of Surgery,  
Division of Plastic Surgery

### Vaishali Schuchert, MD

Clinical Assistant Professor of Critical Care  
Medicine and Surgery

### Ivan Tarkin, MD

Assistant Professor of Orthopaedic Surgery

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Medical Education requirements on disclosure, infor-  
mation about relationships of presenters with commer-  
cial interests (if any) will be included in materials  
distributed at the time of the conference.*

*All Local Faculty are affiliated with the University of  
Pittsburgh School of Medicine and are located in  
Pittsburgh, Pennsylvania, unless otherwise indicated.*

## Registration Information

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**PRE-REGISTER** – All pre-registrations are by **August 23, 2007**. Registrations after this date cannot be guaranteed.

### On-line Registration accepted until September 20, 2007 or until capacity is met.

Registering online is the quickest and easiest way to reserve your space at CCEHS conferences.

- ▶ Visit our on-line registration site at <http://ccehs.upmc.edu>
- ▶ Scroll to the *Polytrauma Conference* section on the web page
- ▶ Click the Registration button and enter all the requested information
- ▶ After registering, an electronic confirmation will be sent to the e-mail address you provided us when you registered.

*Please note: Registration is not complete until you receive the confirmation letter / e-mail for your pre-registration. If you do not receive this letter within 5-7 days of registration, please contact us at (412) 647-8257 or (412) 647-8232.*

You must bring this confirmation with you to the conference.

### Paper Registrations by Fax or Mail (see contact information below)

If you are unable to register online please contact us for a paper registration form. UPMC employees whose registration fee will be remitted via journal transfer should request the paper registration form.

### Registration Cancellation

All cancellations must be in writing and sent to us via U.S. mail, e-mail or fax. Tuition for cancellations postmarked or date stamped before **August 23** will be completely refunded. After **August 23**, a \$35 administrative fee will be assessed. No refunds will be made after **September 10**.

### Conference Contact for Cancellation Requests or Paper Registrations

Tricina Cash, Director of Conference Management  
UPMC/Center for Continuing Education in the Health Sciences  
Medical Arts Building, Suite 220  
200 Lothrop Street  
Pittsburgh PA 15213  
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The UPMC/Center for Continuing Education in the Health Sciences reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, the department will fully refund registration fees. However, other costs incurred by the registrant, such as airline or hotel penalties, are the responsibility of the registrant.

### Registration Fees

\$250 Physicians

\$100 Residents, nurses, and other health care professionals

Registration fee includes:

- Continuing education credit
- Registration and course materials
- Continental breakfast, refreshments and lunch
- Sunday's Reception and Dinner

### For additional information, contact:

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UPMC/Center for Continuing Education in the Health Sciences  
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