TRAUMA & CRITICAL CARE SYMPOSIUM

November 3-4, 2014 • Precourses, November 2, 2014
The Fairmont Copley Plaza, Boston, MA

Symposium Director: George C. Velmahos, MD, PhD, MSEd
Description

The care of injured and critically ill patients is complex and challenging. The Harvard Trauma & Critical Care Symposium aims to give clear guidelines to practicing clinicians who manage such patients. This symposium offers an ideal mix of the traditional standard-of-care principles with new, cutting edge information. It explores issues in several areas including resuscitation, surgical techniques, bleeding control, inflammation and infection, respiratory care, nutrition, prehospital care, rehabilitation, and ethics. Multiple learning modalities will be incorporated into the course to engage the learner in the educational process. This will assist the learners to develop new strategies they can apply in their own practice setting.

Learning Objectives

Upon completion of this course, participants will be able to:

• Apply newly acquired knowledge in the management of trauma patients

• Formulate complete resuscitation strategies based on evidence-based guidelines and expert opinion

• Select appropriate diagnostic and therapeutic algorithms for specific trauma presentations

• Evaluate the evidence supporting diagnostic algorithms and clinical pathways

• Compare and contrast standard-of-care management with cutting-edge treatments

Target Audience

Surgeons, critical care specialists, emergency medicine physicians, nurses, prehospital providers, nurse practitioners, physician assistants.

ACGME Competencies

This course is designed to meet one or more of the following Accreditation Council of Graduate Medical Education competencies:

• Patient care

• Medical knowledge

• Practice-based learning and improvement

• Systems-based practice

Course Location

All sessions for this course will be held at The Fairmont Copley Plaza, 138 St. James Avenue, Boston, MA 02116
SYMPOSIUM DIRECTOR
George C. Velmahos, MD, PhD, MSEd
John F. Burke Professor of Surgery
Harvard Medical School
Chief Division of Trauma, Emergency Surgery & Surgical Critical Care
Massachusetts General Hospital

ADMINISTRATIVE COORDINATOR
Rosangely Cintron
Division of Trauma, Emergency Surgery & Surgical Critical Care
Massachusetts General Hospital

Guest Faculty

Luca M. Bigatello, MD
Professor of Anesthesiology
Tufts University School of Medicine
Director, Surgical Critical Care
St. Elizabeth's Medical Center

Peter A. Burke, MD
Professor of Surgery
Boston University School of Medicine
Chief of Trauma & Surgical Critical Care
Boston Medical Center

Kimberly A. Davis, MD
Professor of Surgery
Yale University School of Medicine
Chief of Trauma, Surgical Critical Care
Yale-New Haven Hospital

Tracey Dechert, MD
Assistant Professor of Surgery
Division of Trauma and Surgical Critical Care
Boston Medical Center

Andrew R. Doben, MD
Assistant Professor of Surgery
Tufts University School of Medicine
Attending Surgeon
Baystate Medical Center

Timothy A. Emhoff, MD
Associate Professor of Surgery
University of Massachusetts Medical School
Chief of Trauma and Surgical Critical Care
UMass Memorial Medical Center

Ronald I. Gross, MD
Associate Professor of Surgery
Tufts University School of Medicine
Chief Division of Trauma & Emergency Surgery
Baystate Medical Center

Elliott R. Haut, MD
Associate Professor of Surgery
Anesthesiology/Critical Care and Emergency Medicine
The Johns Hopkins Hospital

George Kasotakis, MD
Assistant Professor of Surgery
Division of Acute Care Surgery
Boston University School of Medicine
Boston Medical Center

Lisa A. Patterson, MD
Associate Professor of Surgery
Tufts University School of Medicine
Director, Trauma Services
Baystate Medical Center

Reuven Rabinovici, MD
Professor of Surgery
Tufts University School of Medicine
Chief, Division of Trauma & Acute Care Surgery
Tufts Medical Center

Michael S. Rosenblatt, MD
Clinical Associate Professor of Surgery
Tufts University School of Medicine
Chief Medical Officer & Director of Trauma Service
Lahey Clinic Medical Center

Heena P. Santry, MD
Assistant Professor of Surgery
Boston University of Massachusetts
Trauma & Critical Care
University of Massachusetts Medical School

Suzanne K. Wedel, MD
Assistant Professor of Surgery
Boston University School of Medicine
Chief Executive Officer and Medical Director
Boston MedFlight

Harvard Medical School Faculty

Reza Askari, MD
Instructor in Surgery
Associate Trauma Director
Brigham & Women's Hospital

Aranya Bagchi, MBBS
Instructor in Anesthesia
Critical Care & Pain Medicine
Massachusetts General Hospital
Paul D. Biddinger, MD
Assistant Professor of Surgery
Vice Chair for Emergency Preparedness
Vice Chair for Clinical Affairs
Massachusetts General Hospital

Susan M. Briggs, MD
Associate Professor of Surgery
Senior Surgeon
Director of International Trauma & Disaster Institute
Massachusetts General Hospital

Kathryn L. Butler, MD
Assistant in Surgery
Associate Clerkship Director
Division of Trauma
Emergency Surgery & Surgical Critical Care
Massachusetts General Hospital

Alasdair K.T. Conn, MD
Associate Professor of Surgery
Medical Director
MGH Inpatient Access and Transfer Center
Chief Emeritus, Department of Emergency Medicine
Massachusetts General Hospital

Zara Cooper, MD
Assistant Professor of Surgery
Division of Trauma, Burn and Critical Care
Brigham and Women's Hospital

Christopher DePesa, RN
Trauma Nurse Coordinator
Division of Trauma
Emergency Surgery & Surgical Critical Care
Massachusetts General Hospital

Ann Christine Duhaime, MD
Nicholas T. Zervas Professor of Neurosurgery
Chief Pediatric Neurosurgery
Massachusetts General Hospital

Marc A. deMoya, MD
Associate Professor of Surgery
Trauma Medical Director SICU
Trauma, Emergency Surgery & Surgical Critical Care
Massachusetts General Hospital

Peter J. Fagenholz, MD
Instructor in Surgery
Division of Trauma, Emergency Surgery & Surgical Critical Care
Massachusetts General Hospital

Miguel M. Gaeta, MD
Instructor in Surgery
Massachusetts General Hospital
Trauma Medical Director
Elliot Hospital

Jose Garcia, MD
Surgical Director
Cardiothoracic Transplantation & Artificial Heart & Lung Program, Cardiac Surgery, Massachusetts General Hospital

Jonathan D. Gates, MD
Assistant Professor of Surgery
Vascular Surgeon & Director of Trauma Center
Brigham & Women's Hospital

Alice A. Gervasini, PhD
Instructor in Surgery
Nurse Director of Trauma & Emergency Surgery
Massachusetts General Hospital

Alok Gupta, MD
Instructor in Medicine
Acute Care Surgeon
Beth Israel Deaconess Medical Center

Caren T. Harris, NP
Senior Nurse Practitioner
Pediatric Trauma & Surgical Services
Massachusetts General Hospital for Children

Benjamin Hollingsworth, NP
Division of Trauma
Emergency Surgery and Surgical Critical Care
Massachusetts General Hospital

Haytham Kaafarani, MD
Instructor in Surgery
Division of Trauma
Emergency Surgery & Surgical Critical Care
Massachusetts General Hospital

Jaqueline Kennedy-Harte, NP
Critical Care Nurse Practitioner
Surgical Intensive Care Unit
Massachusetts General Hospital

David R. King, MD
Assistant Professor of Surgery
Division of Trauma
Emergency Surgery & Surgical Critical Care
Massachusetts General Hospital

Edward Kelly, MD
Assistant Professor of Surgery
Director of Surgical Critical Care & Acute Care Surgery Programs
Brigham & Woman's Hospital

Jarone Lee, MD
Assistant Professor in Surgery
Division of Trauma Emergency Surgery
Surgical Critical Care
Massachusetts General Hospital

Peter T. Masiakos, MD
Assistant Professor of Surgery
Pediatric Surgeon
Director of Pediatric Trauma
Massachusetts General Hospital for Children

Erin L. McLaughlin, NP
Churchill Trauma and Emergency Surgery Nurse Practitioner,
Division of Trauma, Emergency Surgery & Surgical Critical Care
Massachusetts General Hospital
Registration Form

TRAUMA & CRITICAL CARE SYMPOSIUM

NOVEMBER 3-4, 2014 • MONDAY-TUESDAY | PRECOURSES NOVEMBER 2, 2014 • SUNDAY

Physicians $690.00 (USD) | Residents and Fellows in Training $590.00 (USD) | Nurses & Allied Health Professionals $550.00 (USD)

Please Print Clearly - All Fields Required

Full Name___________________________________________________________________________________________
First Middle Initial Last

Mailing Address _____________________________________________________________________________________
Street _____________________________________________________________________________________________
City ____________________________ State __________ Zip Code ______________

Daytime Phone ( ________) _________________________ Fax Number (________ ) ____________________________

Please note: Your email address is used for critical information about the course including: registration confirmation, evaluation and certificate. Please be sure to include an email address you check daily or frequently.

E-Mail Address _______________________________________________________________________________________

☐ Please check if you wish to be excluded from receiving email notices of future Harvard Medical School - Department of Continuing Education programs.

Profession __________________________________________________________________________________________

Degree ______________________________________________________________________________________________

Primary Specialty (Physician Only) ______________________________________________________________________

Board Certified Yes ☐ No ☐

Professional School Attended (Physician Only) ☐ Harvard Medical School ☐ U.S. Medical School ☐ International

Year of Graduation ____________________________

Frederick Millham, MD
Clinical Associate Professor of Surgery
Chair of Surgery
South Shore Hospital

Sandra Muse, NP
Nurse Director Surgical Intensive Care Unit
Massachusetts General Hospital

Shamim H. Nejad, MD
Burns and Trauma Psychiatry Consultant, Department of Surgery and Psychiatry, Massachusetts General Hospital

Ali S. Raja MD
Assistant Professor
Vice Chair for Network Development
Department of Emergency Medicine
Brigham & Women's Hospital

Kate Richard, MD
Instructor in Anesthesia
Medical Director of Pre-Admission Testing
Massachusetts General Hospital

Kimberly Roth, NP
Churchill Trauma and Emergency Surgery Nurse Practitioner,
Division of Trauma, Emergency Surgery & Surgical Critical Care
Massachusetts General Hospital

Ali Salim, MD
Professor of Surgery
Chief of Trauma Burn & Surgical Critical Care
Brigham & Women's Hospital

Cheryl Waldron, NP
Churchill Trauma and Emergency Surgery Nurse Practitioner,
Division of Trauma, Emergency Surgery & Surgical Critical Care
Massachusetts General Hospital

Daniel D. Yeh, MD
Clinical Instructor of Surgery
Division of Trauma
Emergency Surgery & Surgical Critical Care
Massachusetts General Hospital

Keynote Lecturer:
Gary L. Gottlieb, M.D., M.B.A.
Professor of Psychiatry
President and Chief Executive Officer
Partners HealthCare System, Inc.
REGISTRATION INFORMATION

Tuition Fees:
**Physicians:**
Monday and Tuesday ....................................................... $590.00 (USD)
Monday and Tuesday - any two precourses ......................... $690.00 (USD)

**Residents/Fellows:**
Monday and Tuesday ....................................................... $490.00 (USD)
Monday and Tuesday - any two precourses ......................... $590.00 (USD)

**Nurses/Allied Health:**
Monday and Tuesday ....................................................... $450.00 (USD)
Monday and Tuesday - any two precourses ......................... $550.00 (USD)

**Sunday Precourses:**
**Precourse #1** Surgical Exposures for Solid Visceral Injuries (limited to 30 persons)
**Precourse #2** Decision Making for Nurse Practitioners and Physician Assistants (limited to 60 persons)
**Precourse #3** Ultrasound Use for the Trauma Bay and the ICU (limited to 25 persons)

*Precourses registration offered on a first-come, first-served basis. The precourses are sold out rapidly.

Registration by credit card (VISA, MasterCard or American Express) can be made at www.cme.hms.harvard.edu/courses/criticalcare. Registration by check (draft on a United States bank), please make payable to Harvard Medical School and mail with registration form to Harvard Medical School, Department of Continuing Education, P.O. Box 417476, Boston, MA 02241-7476. Telephone or fax registration is not accepted. Registration with cash payment is not permitted. Upon receipt of your paid registration an email confirmation from the HMS-DCE office will be sent to you. Be sure to include an email address that you check frequently. Your email address is used for critical information including registration confirmation, evaluation and certificate.

INQUIRIES
By phone 617-384-8600, Monday–Friday, 9 AM to 5 PM (EST) or by email hms-cme@hms.harvard.edu.

ONLINE INFORMATION
To register or view activity information online, visit: www.cme.hms.harvard.edu/courses/criticalcare. To ensure proper registration, please add the three characters of the source code found above your name on the address panel.

REFUND POLICY
A handling fee of $60 is deducted for cancellation. Refund requests must be received by postal mail, email or fax one week prior to this activity. No refunds will be made thereafter.

DISCLOSURE POLICY
Harvard Medical School (HMS) adheres to all ACCME Essential Areas, Standards, and Policies. It is HMS’s policy that those who have influenced the content of a CME activity (e.g. planners, faculty, authors, reviewers and others) disclose all relevant financial relationships with commercial entities so that HMS may identify and resolve any conflicts of interest prior to the activity. These disclosures will be provided in the activity materials along with disclosure of any commercial support received for the activity. Additionally, faculty members have been instructed to disclose any limitations of data and unlabeled or investigational uses of products during their presentations.
### 2014 Precourses

#### SUNDAY, NOVEMBER 2, 2014

**PRECOURSE 1: SURGICAL EXPOSURES FOR SOLID VISCERAL INJURIES**  
**GEORGE C. VELMAHOS, MD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 am - 9:20 am</td>
<td>Tips for a rapid splenectomy</td>
<td>Ali Salim, MD</td>
</tr>
<tr>
<td>9:20 am - 9:40 am</td>
<td>Liver packing, suturing, glueing</td>
<td>George Kasotakis, MD</td>
</tr>
<tr>
<td>9:40 am - 10:00 am</td>
<td>Total liver isolation and shunt</td>
<td>George C. Velmahos, MD</td>
</tr>
<tr>
<td>10:00 am - 10:30 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:30 am - 10:50 am</td>
<td>Distal pancreatectomy (with or without splenic preservation)</td>
<td>Marc A. deMoya, MD</td>
</tr>
<tr>
<td>10:50 am - 11:10 am</td>
<td>Trauma Whipple</td>
<td>Peter J. Fagenholz, MD</td>
</tr>
<tr>
<td>11:10 am - 11:30 am</td>
<td>Nephrectomy and Nephroraphy</td>
<td>David R. King, MD</td>
</tr>
</tbody>
</table>

**PRECOURSE 2: DECISION MAKING FOR NURSE PRACTITIONERS AND PHYSICIAN ASSISTANTS**  
**ALICE A. GERVASINI, PHD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 am - 9:05 am</td>
<td>Introduction</td>
<td>Alice A. Gervasini, PhD</td>
</tr>
<tr>
<td>9:05 am - 9:20 am</td>
<td>Blunt Abdominal Trauma: Mechanism of Injury &amp; Patterns of Trauma</td>
<td>Frederick Millham, MD</td>
</tr>
<tr>
<td>9:20 am - 9:35 am</td>
<td>Blunt Abdominal Trauma: Clinical Assessment &amp; Diagnostic Work-up</td>
<td>Peter J. Fagenholz, MD</td>
</tr>
<tr>
<td>9:35 am - 9:50 am</td>
<td>Blunt Abdominal Trauma: Differentiating Urgent from Emergent &amp; Who Gets Observed vs. OR</td>
<td>Miguel M. Gaeta, MD</td>
</tr>
<tr>
<td>9:50 am - 10:30 am</td>
<td>Case Presentantions - Panel Discussion</td>
<td>Alice A. Gervasini, PhD, Carren T. Harris, NP, Cheryl Waldron, NP, Jacky Kennedy-Harte, NP, Kimberly Roth, NP</td>
</tr>
<tr>
<td>10:30 am - 10:45 am</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:45 am - 11:00 am</td>
<td>Penetrating Abdominal Pelvic Trauma: Mechanism of Injury and Patterns of Trauma</td>
<td>Frederick Millham, MD</td>
</tr>
<tr>
<td>11:00 am - 11:15 am</td>
<td>Penetrating Abdominal Pelvic Trauma: Clinical Assessment &amp; Diagnostic Work-up</td>
<td>Peter J. Fagenholz, MD</td>
</tr>
</tbody>
</table>

### ACCOMMODATIONS/TRAVEL

A limited number of rooms have been reserved at the Fairmont Copley Plaza Hotel, 138 St. James Avenue – Boston, MA 02116 until October 9, 2014. Please specify that you are enrolled in this course to receive a Fairmont room for $329.00 or a Deluxe room for $359.00 per night. Hotel arrangements can also be made online at [www.fairmont.com/copley-plaza-boston](http://www.fairmont.com/copley-plaza-boston). Please do not purchase non-refundable airline ticket(s) until you have received an email from our office confirming your paid registration. For airfare reservations, contact the HMS Travel Desk toll free at 1-877-4-HARVMD (1-877-442-7863) Monday - Friday, 9 am to 5 pm (ET). From outside the U.S., Canada, and Virgin Islands, please call 1-617-559-3764.
### 2014 Precourses

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:15 am - 11:30 am</td>
<td>Penetrating Abdominal Pelvic Trauma: Differentiating Urgent From Emergent &amp; Who Gets Observed, IR Emobolization, vs. OR</td>
<td>Miguel M. Gaeta, MD</td>
</tr>
<tr>
<td>11:30 am - 12:10 pm</td>
<td>Case Presentations - Panel Discussion</td>
<td>Alice A. Gervasini, PhD Christopher DePesa, NP Erin L. Mclaughlin, NP Benjamin Hollingsworth, NP Sandy Muse, NP</td>
</tr>
</tbody>
</table>

**PRECOURSE 3: ULTRASOUND USE FOR THE TRAUMA BAY AND THE ICU**

**MARC A. deMOYA, MD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00 pm - 13:15 pm</td>
<td>Extended FAST exam</td>
<td>Daniel D. Yeh, MD</td>
</tr>
<tr>
<td>13:15 pm - 13:30 pm</td>
<td>How do I assess my patient’s volume status?</td>
<td>Jonathan Charnin, MD</td>
</tr>
<tr>
<td>13:30 pm - 13:45 pm</td>
<td>How do I assess my patient’s cardiac function?</td>
<td>Aranya Bagchi, MD</td>
</tr>
<tr>
<td>13:45 pm - 14:00 pm</td>
<td>What do you mean I can use U/S to assess lungs?</td>
<td>Kate Richard, MD</td>
</tr>
<tr>
<td>14:00 pm - 14:30 pm</td>
<td>Simulation of Patient Scenario from Trauma Bay to the ICU</td>
<td>All</td>
</tr>
<tr>
<td>14:30 pm - 16:30 pm</td>
<td>Hands-on Practice (number of stations = 5)</td>
<td></td>
</tr>
</tbody>
</table>

### 2014 Symposium Schedule

#### MONDAY, NOVEMBER 3, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am - 7:30 am</td>
<td>Registration</td>
<td>George C. Velmahos, MD</td>
</tr>
<tr>
<td>7:30 am - 7:45 am</td>
<td>Welcome</td>
<td></td>
</tr>
<tr>
<td>7:45 am - 8:00 am</td>
<td>Demystifying cardiac compression devices</td>
<td>Paul D. Biddinger, MD</td>
</tr>
<tr>
<td>8:00 am - 8:15 am</td>
<td>Prehospital Tranexamic Acid: A Must or a No-No?</td>
<td>Suzanne K. Wedel, MD</td>
</tr>
<tr>
<td>8:15 am - 8:30 am</td>
<td>Tourniquets and what we learned from the Marathon</td>
<td>David R. King, MD</td>
</tr>
<tr>
<td>8:30 am - 8:45 am</td>
<td>Discussion</td>
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</tbody>
</table>

**BEFORE THE HOSPITAL**

**ALASDAIR K. T. CONN, MD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>8:45 am - 9:00 am</td>
<td>Treatments of head injury before CT confirmation</td>
<td>Lisa A. Patterson, MD</td>
</tr>
<tr>
<td>9:00 am - 9:15 am</td>
<td>Chest tubes: Does size matter?</td>
<td>Marc A. deMoya, MD</td>
</tr>
<tr>
<td>9:15 am - 9:30 am</td>
<td>CT scanning kids: When can it be safely avoided?</td>
<td>Ann Christine Duhaime, MD</td>
</tr>
</tbody>
</table>
### 2014 Symposium Schedule

**IMAGE AND VIDEO SESSION**  
**ALI SALIM, MD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 am - 9:45 am</td>
<td>Combined vascular and orthopedic repair</td>
<td>Daniel D. Yeh, MD</td>
</tr>
<tr>
<td>9:45 am - 10:00 am</td>
<td>Rib fracture fixation</td>
<td>Andrew R. Doben, MD</td>
</tr>
<tr>
<td>10:00 am - 10:10 am</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>10:10 am - 10:40 am</td>
<td>Break</td>
<td></td>
</tr>
</tbody>
</table>

**BREAKTHROUGHS AND CONTROVERSIES**  
**JONATHAN D. GATES, MD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:40 am - 10:55 am</td>
<td>Timed cardiac death and organ donation</td>
<td>Ali Salim, MD</td>
</tr>
<tr>
<td>10:55 am - 11:10 am</td>
<td>ECMO for the masses</td>
<td>Jose Garcia, MD</td>
</tr>
<tr>
<td>11:10 am - 11:25 am</td>
<td>Perioperative antibiotic use after penetrating trauma</td>
<td>Kimberly A. Davis, MD</td>
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</tbody>
</table>

**THE BEST TRAUMA RESIDENT**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:25 am - 12:00 pm</td>
<td>Residents from 5 trauma centers compete</td>
<td>Reuven Rabinovici, MD</td>
</tr>
<tr>
<td>12:00 pm - 13:00 pm</td>
<td>Lunch</td>
<td></td>
</tr>
</tbody>
</table>

**THE CASES THAT WILL HURT YOU**  
**MICHAEL S. ROSENBLATT, MD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00 pm - 13:15 pm</td>
<td>Delayed splenic rupture</td>
<td>Haytham Kaafarani, MD</td>
</tr>
<tr>
<td>13:15 pm - 13:30 pm</td>
<td>Lateral duodenal gunshot wound</td>
<td>Frederick Millham, MD</td>
</tr>
<tr>
<td>13:30 pm - 13:45 pm</td>
<td>Minor pelvic fracture in the elderly</td>
<td>Miguel M. Gaeta, MD</td>
</tr>
</tbody>
</table>

**THE JOHN F. BURKE KEYNOTE LECTURE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:45 pm - 13:50 pm</td>
<td>Introduction</td>
<td>George C. Velmahos, MD</td>
</tr>
<tr>
<td>14:20 pm - 14:45 pm</td>
<td>Break</td>
<td></td>
</tr>
</tbody>
</table>

**PENETRATING TRAUMA**  
**TIMOTHY A. EMHOFF, MD**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:45 pm - 15:00 pm</td>
<td>Sequelae after nonop management of liver injuries</td>
<td>Elliot R. Haut, MD</td>
</tr>
<tr>
<td>15:00 pm - 15:15 pm</td>
<td>Should all retroperitoneal hematomas be explored?</td>
<td>Peter J. Fagenholz, MD</td>
</tr>
<tr>
<td>15:15 pm - 15:30 pm</td>
<td>Pharyngeal and esophageal trauma: Different?</td>
<td>George Kasotakis, MD</td>
</tr>
<tr>
<td>15:30 pm - 15:45 pm</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>15:45 pm - 16:45 pm</td>
<td>THE SURVIVOR GAME</td>
<td></td>
</tr>
</tbody>
</table>
TUESDAY, NOVEMBER 4, 2014

NEVER EVENTS (AND OTHER FUNNY STORIES)
RONALD I. GROSS, MD

8:00 am - 8:15 am Falls in the hospital
Christopher DePesa, RN

8:15 am - 8:30 am Pressure ulcer is the nurse's fault: Yeah right!
Sandra Muse, RN

8:30 am - 8:45 am Better not screen for DVT?
Elliot R. Haut, MD

8:45 am - 9:00 am Discussion

INJURY AT THE JUNCTIONAL AREA: CASE-BASED
GEORGE C. VELMAHOS, MD

9:00 am - 9:15 am Injury at the axilla
Tracy Dechert, MD
Ronald I. Gross, MD
Ali Salim, MD

9:15 am - 9:30 am Injury at the inguinal area
Tracy Dechert, MD
Ronald I. Gross, MD
Ali Salim, MD

9:30 am - 9:45 am Injury at the base of the neck
Peter A. Burke, MD
Timothy A. Emhoff, MD
Elliot R. Haut, MD

9:45 am - 10:00 am Injury at the thoracoabdomen
Peter A. Burke, MD
Timothy A. Emhoff, MD
Elliot R. Haut, MD

10:00 am - 10:30 am Break

ROUND TABLE: SIMULATION AND CONSTIPATION
MARC A. deMOYA, MD

10:30 am - 10:50 am ASSET, ATOM, DMEP, TOPIC and other nice acronyms
Heena P. Santry, MD
Ronald I. Gross, MD
Susan M. Briggs, MD

10:50 am - 11:10 am 10 days postop and no gas: What's next?
Heena P. Santry, MD
Ronald I. Gross, MD
Susan M. Briggs, MD

TRAUMA JEOPARDY
DAVID R. KING, MD

11:10 am - 11:50 am Trauma and critical care questions
(and not only)
Haytham Kaafarani, MD
Alok Gupta, MD
Zara Cooper, MD

11:50 am - 12:50 pm Lunch

RAPID FIRE CRITICAL CARE
EDWARD KELLY, MD

12:50 pm - 13:00 pm The best weaning protocol
Luca M. Bigatello, MD

13:00 pm - 13:10 pm The best empiric antibiotic regimen
Peter J. Fagenholz, MD

13:10 pm - 13:20 pm The best sedation agent
Jarone Lee, MD

13:20 pm - 13:30 pm The best treatment for delirium
Shamim H. Nejad, MD

13:30 pm - 13:45 pm Discussion
DEBATE SESSION
GEORGE C. VELMAHOS, MD

13:45 pm - 13:50 pm Case Presentation George C. Velmahos, MD
13:50 pm - 14:05 pm I will do everything to save your leg Ali Salim, MD
14:05 pm - 14:20 pm I will remove the leg to give you life Elliot R. Haut, MD
14:20 pm - 14:30 pm Discussion and Vote
14:30 pm - 14:50 pm Break

NEVER EASY
JARONE LEE, MD

14:50 pm - 15:05 pm Tips to identify child abuse Peter T. Masiakos, MD
15:05 pm - 15:20 pm Nutrition in the ICU Daniel D. Yeh, MD
15:20 pm - 15:35 pm When to stop blood transfusion? Reza Askari, MD

LAST PERSON STANDING!
GEORGE C. VELMAHOS, MD

15:35 pm - 16:15 pm Interactive game with the audience The audience

Accreditation

ACCREDITATION

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