

PROGRAM

TraumaCare 2003 16th Annual Trauma Anesthesia and Critical Care Symposium

DALLAS, TEXAS, USA



Dallas skyline. (Photo courtesy of Dallas Convention and Visitors Bureau.)

Thursday, May 15, 2003

COMMITTEE MEETINGS (by invitation only)

0630-0745 **TraumaCare Editorial Board Meeting, Bel-Air Room I**
Chairs: Adolph H. Giesecke, MD, and John K. Stene, MD, PhD

0700-0745 **Disaster/Mass Casualty Committee, Bel-Air Room VI**
Chair: Andreas Tbierebach, MD

0700-1200 **Registration, Garden Court III**

0700-0800 **Continental Breakfast, Garden Court III**

OPENING PLENARY SESSION, Malachite Showroom

0800 **Welcome**
Christopher Grande, MD, MPH, Executive Director, ITACCS
Co-Chair, TraumaCare 2003 Program

0805 **Introductions**
James G. Cain, MD, Associate Executive Director, ITACCS
Co-Chair, TraumaCare 2003 Program

0810-0845 **JFK in Dallas, A Trauma Care Prospective**
Adolph H. Giesecke, MD, University of Texas Southwestern
Medical Center, Dallas, Texas, USA

PRESIDENTS' FORUM, Malachite Showroom

0845-0915 **President's Address: What's New in Trauma**
Michael J.A. Parr, MB BS MRCP FRCA FANZCA FJFICM
University of New South Wales, Sydney, NSW

0915-1000 **Break, Garden Court III**
Exhibits Open

0915-1000 **TRAUMA: Resuscitation, Anesthesia, Surgery, & Critical Care** (book edited by W.C. Wilson, C.M. Grande, D.B. Hoyt). *Dr. Wilson will be available to answer contributors' questions.*

1000-1030 **Applications of Dexmedetomidine in the Trauma Patient**
Michael A. E. Ramsay, MD, FRCA
Baylor University Medical Center, Dallas, Texas, USA

1030-1100 **Stress Management for Care Providers in the Trauma Setting**
Jessie A. Leak, MD, University of Texas, MD Anderson
Cancer Center, Houston, Texas

1100-1130 **Emergency Ventilatory Management of the Trauma Patient: Elemental or Detrimental?**
Paul E. Pepe, MD, MPH, UT Southwestern Medical Center,
Dallas, Texas, USA

1130-1200 **Fluid Management in Trauma**
Richard P. Dutton, MD, R Adams Cowley Shock Trauma
Center, Baltimore, Maryland, USA

1200-1315 **Lunch (on your own)**

Thursday, May 15, 2003

1300-1700 **Registration, Garden Court III**

SIMULTANEOUS AFTERNOON SESSIONS (1315-1715)

SESSION A New Dimensions in Trauma and Critical Care, Bel-Air Room I-III
Co-Chair: James G. Cain, MD
Co-Chair: Christopher M. Grande, MD, MPH

1315-1345 **Sedation for the Critically Injured Trauma Patient: Precedex®, a Novel Alternative**
James Gordon Cain, MD
Allegheny General Hospital, Pittsburgh, Pennsylvania, USA
West Virginia University, Morgantown, West Virginia, USA

1345-1415 **The Hazards of Nutraceuticals in the Management of the Trauma Patient**
Jessie A. Leak, MD, University of Texas, MD Anderson
Cancer Center, Houston, Texas

1415-1445 **Controversies in Blunt Aortic Trauma**
Charles E. Smith, MD, FRCPC
MetroHealth Medical Center, Cleveland, Ohio, USA

1445-1515 **Beverage Break, Garden Court III**

1445-1515 **TRAUMA: Resuscitation, Anesthesia, Surgery, & Critical Care** (book edited by W.C. Wilson, C.M. Grande, D.B. Hoyt). Dr. Wilson will be available in the Malachite Board Room to answer contributors' questions.

1515-1545 **What's New in Neurotrauma**
Anne J. Sutcliffe, MB ChB, FRCA, Queen Elizabeth Hospital and University of Birmingham, Birmingham, UK

1545-1615 **Pathophysiological Processes Following Toxic Trauma**
David J. Baker, DM, FRCA, University of Paris, Paris, France

1615-1645 **End Tidal CO₂: From Airway to Cardiac Output**
Marvin A. Wayne, MD, FACEP
University of Washington and Emergency Medical Services, Bellingham, Washington, USA

1645-1715 **A New Approach to Monitoring Early Hemodynamic Performance: Transesophageal Echo Doppler Ultrasound**
Yves Lambert, MD
Versailles Hospital, Le Chesnay, France

SESSION B Disaster Medicine and Emergency Medicine Bel-Air Room IV-VI
Co-Chair: Dario Gonzalez, MD, New York, New York, USA
Co-Chair: Andreas Thierbach, MD, Mainz, Germany

1315-1345 **International Chief Emergency Physician Training Course**
Freddy Lippert, MD, Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark

1345-1415 **The Effect of Select Drugs on the Presentation of Shock in the Trauma Patient**
Joanne Williams, MD, FAAEM, FACFM
Martin Luther King, Jr./Charles R. Drew Medical Center, Los Angeles, California, USA

1415-1445 **Lessons Learned 911**
Dario Gonzalez, MD, FACEP, Office of Emergency Management, City of New York, and Albert Einstein College of Medicine, New York, New York, USA

1445-1515 **Beverage Break, Garden Court III**

1445-1515 **TRAUMA: Resuscitation, Anesthesia, Surgery, & Critical Care** (book edited by W.C. Wilson, C.M. Grande, D.B. Hoyt). Dr. Wilson will be available in the Malachite Board Room to answer contributors' questions.

1515-1545 **Organization of Medical Systems Under Repeat Terror Attacks**
Eran Tal-Or, MD, Rambam Medical Center, Haifa, Israel

1545-1615 **Triage: Do We Need New Concepts?**
Kristi Koenig, MD, FACEP, George Washington University School of Medicine and Health Sciences; National Director, Emergency Management Strategic Healthcare Group Department of Veterans Affairs, Martinsburg, West Virginia, USA

1615-1645 **Databases for Storing Prehospital and Intra-hospital Data**
Dr. Peter A. Oakley, North Staffordshire Hospital, Stoke-on-Trent, UK

1645-1715 **Panel Discussion**

SESSION C Scientific Free Paper Presentations, Le Gala Room
Moderators: Enrico Camporesi, MD, SUNY Health Science Center, Syracuse, New York, USA; Adolph Giesecke, MD, UT Southwestern Medical Center, Dallas, Texas, USA; John Stene, MD, PhD, Hershey Medical Center, Hershey, Pennsylvania, USA

1315-1445 **Scientific Presentations**

1445-1515 **Beverage Break**
1515-1715 **Scientific Presentations**

1800-2000 **Board of Directors Meeting and Faculty Dinner, Mayfair Room**

Friday, May 16, 2003

COMMITTEE MEETING (by invitation only)

0630-0745 **Critical Care Committee Meeting, Baccarat Room**
Chair: Maureen McCum, MD

0700-0800 **Continental Breakfast, Garden View III**

0700-1200 **Registration, Garden View III**

0700-1200 **Exhibits Open, Garden View III**

SIMULTANEOUS MORNING SESSIONS (0800-1200)

SESSION A Trauma Airway Management, Bel-Air Room I-III
Chair: Andreas Thierbach, MD, Mainz, Germany

0800-0830 **The ASA Difficult Airway Algorithm as It Pertains to Trauma Patients**
William Charles Wilson, MD
University of California, San Diego School of Medicine, San Diego, California, USA

0830-0900 **Controversies and Obstacles to Airway Training for Paramedics: What Are the Options?**
Adolph H. Giesecke, MD
University of Texas Southwestern Medical School, Dallas, Texas, USA

0900-0930 **Airway Management with Penetrating Neck Trauma**
Vance E. Shearer, MD, University of Texas Southwest Medical Center, Dallas, Texas, USA

0930-1000 **Beverage Break, Exhibit Hall, Garden Court III Exhibits Open**

1000-1030 **The Difficult Airway and Failed Intubation**
Jeffrey M. Berman, MD, University of North Carolina, Chapel Hill, North Carolina, USA

1030-1100 **The Role of the Combitube and the EasyTube (EzT)**
Andreas R. Thierbach, MD
University of Mainz, Mainz, Germany

1100-1130 **SLAM Emergency Airway Flowchart**
James M. Rich, MA, CRNA
Baylor University Medical Center, Dallas, Texas, USA

1130-1200 **Flexible Fiberoptic Intubation**
Freddy Lippert, MD, Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark

SESSION B Critical Care in the Age of Terrorism, Bel-Air Room IV-VI
Chair: Maureen McCum, MD, R Adams Cowley Shock Trauma Center, Baltimore, Maryland

0800-0830 **Trauma Care Around the World: How We Are Different and How We Are the Same**
Maureen McCum, MD, R Adams Cowley Shock Trauma Center, Baltimore, Maryland, USA

0830-0900 **Wartime Civilian Injuries: An Epidemiological Shift in Terrorism and Complex Disasters**
Michel Badib Aboutanos, MD, MPH
Medical College of Virginia, Richmond, Virginia, USA

0900-0930 **Suicide Bombings in Israel: Injuries Never Seen Before**
Itamar Asbkenazi, MD, and Ricardo Alfici, MD
Hillel Yaffe Medical Center, Hadera, Israel

0930-1000 **Beverage Break, Exhibit Hall, Garden Court III Exhibits Open**

- 1000-1030 **Rapid Evacuation and Transport of the Critically Injured Patient**
William Beninati, MD, Air Force Coalition for Sustainment of Trauma and Readiness Skills (C-STARS) University of Maryland School of Medicine, Baltimore, Maryland, USA
- 1030-1100 **Organization of the Nurses Working with Terror Victims in the ED and the Wards**
Gila Hyams, RN, MA Rambam Medical Center, Haifa, Israel
- 1100-1130 **Damage Control Surgery: Principles of Care for Critical Injury**
Thomas M. Scalea, MD, R Adams Cowley Shock Trauma Center, Baltimore, Maryland, USA
- 1130-1200 **Panel Discussion**
- SESSION C Trauma Education, Simulation, and Patient Safety, Le Gala Room**
Co-Chair: James G. Cain, MD, Pittsburgh, Pennsylvania, USA
Co-Chair: Michael J.A. Parr, MB BS MRCP FRCA FANZCA FJFICM, University of New South Wales, Sydney, NSW
- 0800-0830 **Human Crisis Simulation for Rural Medical Education**
James Gordon Cain, MD Allegheny General Hospital, Pittsburgh, Pennsylvania, USA West Virginia University, Morgantown, West Virginia, USA
- 0830-0930 **The Role of Microsimulators in Training Trauma Professionals**
Ulrik Juul Christensen, MD Sophus Medical A/S, Copenhagen, Denmark
- 0930-1000 **Beverage Break, Exhibit Hall, Garden Court III Exhibits Open**
- 1000-1045 **Rapid Preparation of Reserve Military Medical Teams Using Human Patient Simulation**
Guy Lin, MD, Israeli Defense Forces, West Galile, Israel
- 1045-1130 **Drills: Are They the Best Way to Prepare for Mass Casualty Incidents?**
Moshe Michaelson, MD Techzion Haifa, Haifa, Israel
- 1130-1200 **Trauma Education Through Audit: Simulation Session (Laerdal Equipment)**
Michael J.A. Parr, MRCP FRCA, James G. Cain, MD, James M. Rich, MA, CRNA
- 1200-1345 **Lunch, Exhibits Open**
- 1200-1245 **Pediatric Trauma Committee Meeting, Malachite Board Room (by invitation only)**
Chair: Calvin Johnson, MD
- 1215-1315 **Exhibits Open, Garden View III**
- SPECIAL LUNCHEON PRESENTATION: "Uncontrolled Hemorrhagic Trauma: Progressive Treatments to Manage Massive Bleeding"**
- 1215-1220 **Opening Remarks**
W. Keith Hoots, MD
- 1220-1240 **Redefining the Coagulation Cascade**
W. Keith Hoots, MD, The University of Texas, M.D. Anderson Cancer Center, and the Gulf States Hemophilia and Thrombophilia Center, Houston, Texas
- 1240-1300 **Catastrophic Trauma and Massive Hemorrhage Care**
Richard P. Dutton, MD R Adams Cowley Shock Trauma Center, University of Maryland Medical Systems, Baltimore, Maryland
- 1300-1315 **Questions and Answers**
- 1315-1345 **Desserts and Beverage, Exhibit Hall**

Friday, May 16, 2003

SIMULTANEOUS AFTERNOON SESSIONS (1345-1745)

- SESSION A Update on New Drugs, Equipment, and Techniques in Trauma Care, Bel-Air Room I-III**
Chair: Charles E. Smith, MD, Cleveland, Ohio, USA
- 1345-1415 **What's New in Pulse Oximetry**
Steven J. Barker, PhD, MD University of Arizona, Tucson, Arizona, USA
- 1415-1445 **Capnography in Trauma**
Steven J. Barker, PhD, MD University of Arizona, Tucson, Arizona, USA
- 1445-1515 **Neuromuscular Relaxant Pharmacology: An Update**
Charles E. Smith, MD MetroHealth Medical Center, Cleveland, Ohio, USA
- 1515-1545 **Break (Scientific Awards), Garden Court III Exhibits Open**
- 1545-1615 **Acid-Base Balance in Trauma Resuscitation**
Lewis J. Kaplan, MD, FACS Yale University School of Medicine, New Haven, Connecticut, USA
- 1615-1645 **The Management of Massive Bleeds in Trauma by an Injury Site-Specific Agent (Recombinant Activated Factor VII)**
Uri Martinowitz, MD, Prof. Sackler School of Medicine, Tel Aviv University, Tel Hashomer, Israel
- 1645-1715 **Damage Control Orthopedics**
James C. Duke, MD University of Colorado, Denver, Colorado, USA
- 1715-1745 **Emerging Pathogens: Practical and Evidenced-Based Interventions**
Lewis J. Kaplan, MD, FACS, Yale University School of Medicine, New Haven, Connecticut, USA
- SESSION B Ethics: Organ Donation, End of Life Issues, Bel-Air Room IV-VI**
Chair: Anne J. Sutcliffe, MB ChB, FRCA, Queen Elizabeth Hospital and the University of Birmingham, Birmingham, UK
- 1345-1415 **Managing Death and Dying**
Anne J. Sutcliffe MB ChB, FRCA Queen Elizabeth Hospital and the University of Birmingham, Birmingham, UK
- 1415-1445 **Diagnosing Brain Stem Death: After 30 Years Couldn't We Do Better?**
Gerlinde Francisca Mandersloot, MB ChB, FRCA The Royal London Hospital, London, UK
- 1445-1515 **Improving Organ Donation Rates**
Walter Mauritz, Prof., MD Trauma Hospital Lorenz Boebler, Vienna, Austria
- 1515-1545 **Break (Scientific Awards), Garden Court III**
- 1545-1615 **Managing the Donor**
Linda E. Pelinka, MD Lorenz Boebler Trauma Center, Vienna, Austria
- 1615-1645 **Non-Heart-Beating Donors**
Maureen McCunn, MD R Adams Cowley Shock Trauma Center, Baltimore, Maryland, USA
- 1645-1715 **Living Donors**
Jane McNeill, MB ChB, FRCA The Royal London Hospital, London, UK
- 1715-1745 **Panel Discussion**

- SESSION C Trauma Airway Management: Hands-On Skills Station**
Le Gala Room
Co-Chair: Andreas Thierbach, MD, Mainz, Germany
Co-Chair: Jeffrey M. Berman, MD, Chapel Hill, North Carolina, USA
Co-Chair: James M. Rich, MA, CRNA, Dallas, Texas, USA
Co-Chair: Freddy Lippert, MD, Copenhagen, Denmark
Co-Chair: Marvin Wayne, MD, Bellingham, Washington, USA
Co-Chair: William C. Wilson, MD, San Diego, California, USA
- 0830-0900 **Selective Cervical Immobilization**
Marvin A. Wayne, MD, FACEP
University of Washington and EMS Medical Director,
Bellingham, Washington, USA
- 0900-0930 **Pre-Operative Fluid Resuscitation for Trauma Patients: Elemental or Detrimental?**
Paul E. Pepe, MD, MPH, FACEP, FACCP, FACP, FCCM
University of Texas Southwestern Medical Center at Dallas,
Dallas, Texas, USA
- 0930-1000 **Beverage Break**
- 1000-1030 **Prehospital Use of Hypertonic Saline Derivatives**
Pierre Carli, MD, PhD
Hôpital Necker – Enfants Malades, Paris, France
- 1030-1100 **Prehospital Analgesia and Anesthesia**
Caroline Telion, MD, and Pierre Carli, MD, PhD
Hôpital Necker – Enfants Malades, Paris, France
- 1100-1130 **The Role of the Anesthesiologist in Civil Chemical and Biological Weapon Attacks**
Dr David Baker M Phil DM FRCA
Hôpital Necker – Enfants Malades, Paris, France
- 1130-1200 **Terror-Induced, Multiple Casualty Events: Injury Patterns and Emergency Department Response**
Amir Blumenfeld, MD
Tel Aviv University, Tel Aviv, Israel
- 1345-1745 **35 minutes at each station / 5 participants per station**
Laryngoscopes, blades, and intubation aids
Bonfils and Bullard
Flexible fiberoptic intubation
Combitube, EasyTube, LT, LMA
Surgical airway: cricothyrotomy
Decision training (Airman, SimMan)
King LT
- 1745-1900 **Glad-You-Joined-Us-in-Texas Reception,**
Garden Court III
- Saturday, May 17, 2003**
- 0700-0800 **Continental Breakfast**
- SIMULTANEOUS MORNING SESSIONS (0800-1200)**
- SESSION A Pediatric Trauma, Bel-Air Room I-III**
Co-Chair: Gail E. Rasmussen, MD, Meridian, Mississippi, USA
Co-Chair: Jeffrey M. Berman, MD, Chapel Hill, North Carolina, USA
- 0800-0830 **Emergency Airway Management in the Pediatric Trauma Patient**
Gail E. Rasmussen, MD
University of Mississippi Medical Center, Meridian,
Mississippi, USA
- 0830-0900 **Sedation/Analgesia/Anesthesia for Diagnostic Studies and Treatment Outside the Operating Room**
James E. Fletcher, MB BS
University of North Carolina at Chapel Hill, Chapel Hill,
North Carolina, USA
- 0900-0930 **Pediatric Prehospital Care**
Charles D. Deakin, MA MD MRCP FRCA
Southampton University Hospital, Southampton, UK
- 0930-1000 **Beverage Break**
- 1000-1030 **Pediatric Head Injury: Where Have We Been; Where Are We Going?**
Jeffrey M. Berman, MD
University of North Carolina, Chapel Hill,
North Carolina, USA
- 1030-1100 **Fluid Management of the Injured Child**
Calvin Johnson, MD
Charles R. Drew University of Medicine, Los Angeles,
California, USA
- 1100-1130 **Early Care of the Pediatric Burn Patient**
Gary F. Purdue, MD
UT Southwestern Medical Center, Dallas, Texas, USA
- 1130-1200 **Panel Discussion**
- SESSION B Prehospital Care, Bel-Air Room IV-VI**
Co-Chair: Charles Deakin, MA MD MRCP FRCA,
Southampton, UK
Co-Chair: Marvin Wayne, MD, Bellingham, Washington, USA
- 0800-0830 **Use of Capnography in Prehospital Trauma Care**
Charles D. Deakin, MA MD MRCP FRCA
Southampton University Hospital, Southampton, UK
- SESSION C CRNA Session, Addison Hospitality Suite**
Chair: James M. Rich, MA, CRNA, Dallas, Texas, USA
- 0800-0815 **Vascular Access for Trauma Anesthesia: Options, Risks, Benefits, and Complications**
Deborah B. Latbam, MHS, CRNA-P
Texas Wesleyan University, Cedar Hill, Texas, USA
- 0815-0830 **Massive Volume Replacement**
Charles R. Barton, CRNA, MSN, MEd
Akron, Ohio, USA
- 0830-0900 **Applying ATLS Guidelines to Trauma Care**
Wendell Dean Spencer, CRNA, MHS
NCAS, O'Neill, Nebraska, USA
- 0900-0930 **Anesthetic Management of the Patient Sustaining Thoracic Trauma**
Charles R. Barton, CRNA, MSN, MEd
Akron, Ohio, USA
- 0930-1000 **Beverage Break**
- 1000-1030 **Anesthetic Management of the Trauma Patient in the Rural Health Care Setting**
Wendell Dean Spencer, CRNA, MHS
NCAS, O'Neill, Nebraska, USA
- 1030-1100 **Airway Management in Trauma Patients**
James M. Rich, MA, CRNA
Baylor University Medical Center, Dallas, Texas, USA
- 1100-1130 **Anesthesia Management of Patients with Abdominal Trauma**
Deborah B. Latbam, MHS, CRNA-P
Texas Wesleyan University, Cedar Hill, Texas, USA
- 1130-1200 **Anesthetic Management of the Acute Spinal-Cord-Injured Patient**
Charles R. Barton, CRNA, MSN, MEd
Akron, Ohio, USA
- 1200 **ALL SESSIONS ADJOURN**