

Preliminary Program

42<sup>nd</sup> Annual Symposium on  
**CRITICAL CARE,  
TRAUMA AND  
EMERGENCY  
MEDICINE**

**February 2 - 6, 2004**

**Caesars Palace Hotel  
Las Vegas, Nevada**

*Presented by*  
**Keck School of Medicine  
Office of Continuing Medical Education  
of the University of Southern California  
and  
The Institute of Critical Care Medicine®**

in affiliation with

The Desert Regional Medical Center of Palm Springs, California  
and the Institute of Continuing Education for Nurses  
Los Angeles County+USC Medical Center

*Directed by*  
**Max Harry Weil, M.D., Ph.D.  
Eric C. Rackow, M.D.  
and Allan V. Abbott, M.D.**

**COURSE DESCRIPTION**

The 42<sup>nd</sup> Annual Symposium continues a tradition of four days of intensive teaching preceded by one-day optional Pre-courses on *state-of-the-art* care of the life-threatened patient. This comprehensive course focuses on the practical management of the critically ill and injured patient. The large menu of presentations is applicable to the acute care practices of internists, hospitalists, and specialists in pulmonary disease, anesthesiology, cardiology, infectious disease, nephrology, emergency medicine, surgery, pediatrics, and obstetrics and gynecology. The majority of our registrants return yearly or on an alternate year basis. We also welcome advanced nursing, pre-hospital professionals, and veterinary emergency and critical care specialists. A selection of state-of-the-art presentations designated as *Update 2004* is delivered by internationally recognized experts and pinpoint important advances in clinical practice. The course has been acclaimed for offering a superior learning experience for bedside practitioners.

**Highlights**

- ▶ **Pre-course** (Optional - Monday, February 2)  
Choose one full-day workshop on Bedside Invasive Procedures or select two of the three available practice-oriented half-day workshops. Please see page 4 for details.
- ▶ **Case Studies** - Interactive clinical case discussions with opportunity for dialogue with faculty.
- ▶ **Meet the Professor** - Small, informal sessions with the opportunity to ask questions and discuss challenging patients.
- ▶ **Ethics and Practice** - These sessions comply with the requirements of some state medical licensing authorities for one or more hours of medical ethics each year.
- ▶ **Pain and end-of-life care** - Sessions marked with a † fulfill requirements for education on Pain and End-of-Life care.

This year's course once again provides teaching formats that have made it not only the first but the largest and best known of postgraduate symposia on critical care medicine. Topics of wide interest are scheduled as **Plenary Sessions**. Four simultaneous **Mini-Courses** allow for teaching sessions on specialized topics.

**Additional Course Information:** Please see page 21.

Critical care products and services will be displayed in the Exhibit Hall.

Exhibit Hours:	Tuesday, February 3: 7:00-8:00 a.m., 10:00-10:30 a.m., 12:15-1:30 p.m. and 3:00-3:30 p.m.
	Wednesday and Thursday, February 4 and 5: 10:00-10:30 a.m., 12:15-1:30 p.m. and 3:00-3:30 p.m.

**ACKNOWLEDGMENTS**

*We gratefully acknowledge educational grants in support of the program from the following:*

**Berlex Laboratories, Biopure Corporation, Cook Critical Care,  
Masimo Corporation, Nellcor/Tyco Healthcare,  
Nova Biomedical, Ortho-Biotech Pharmaceuticals,  
Ross Products Division/Abbott Laboratories, Scios, Inc.**

## OBJECTIVES

At the conclusion of the program, the participant who has attended appropriate sessions should be able to:

- ▶ Identify acute cardiovascular crises, including major rhythm disturbances and their management, initial diagnosis and management of acute myocardial infarction and initial treatment of acute heart failure. Describe current management of hypovolemic, cardiogenic, distributive (septic) and obstructive shock states and appropriate use of hypertonic fluids, blood, including hypertonic saline and blood substitutes. Differentiate between primary cardiac and primary asphyxial cardiac arrest and define priorities of pharmacologic, electrical/mechanical and surgical CPR interventions.
- ▶ Describe methods by which the airway is secured and the management of acute respiratory failure and the use of the laryngeal mask airway. Review modifications in the use of anticoagulants and their complications. Define the indications and methods of thrombolytic treatment and anticoagulation. Identify more optimal modes of mechanical ventilation in relation to the underlying cardiopulmonary disease.
- ▶ Update practical considerations pertinent to care of victims of biological and chemical warfare. Describe antimicrobial management of life-threatening bacterial, viral and mycotic infections, including hospital acquired infections and transmission by and to health care providers. Describe the epidemiology and management of antibiotic resistance, newly emerging infectious and newly recognized communicable diseases. Review guidelines for hospital infection control. Discuss the current status and diagnosis and treatment of sepsis, septic shock, toxic shock, and multiorgan failure, including indications for treatment with vasoactive drugs and drotrecogin alfa. Share the experience of physicians and surgeons specialized in organ transplantation, nutrition and specialized management of the pediatric and obstetrical patient.
- ▶ Appreciate the human and ethical priorities of lifesaving interventions, “do not resuscitate” orders, self determination through living wills and durable powers, and organ donation, and fulfill requirements for accreditation of training in ethics and end of life care. Increase awareness of protocols for bedside decision-making and management and recent advances in imaging. Discuss the economic dilemmas faced at the bedside of the critically ill patient and the use of high cost monitors, laboratory and imaging studies, multiple interventions, prolonging or discontinuing life sustaining care, and minimizing medical malpractice liabilities.
- ▶ Describe current guidelines for diagnosis and management of pulmonary embolism, endocrine and metabolic emergencies, and life-threatening electrolyte abnormalities. Discuss gastrointestinal crises, including pancreatitis, and abdominal compartment syndromes. Define indications and methods of enteral and parenteral nutrition.
- ▶ Discuss goal-directed resuscitation, new options for emergency management of hemorrhagic and thrombotic strokes, intracranial hemorrhages, seizures, and head injuries. Review techniques for monitoring, measurement, interpretation and management of anxiety, pain and dementia in the critically ill and injured patient.

## SPONSORED MEAL TIME PROGRAMS

Sponsored Mealtime Programs with additional credit to be announced.

## PRE-COURSE

Monday, February 2, 2004

7:45 a.m. - 5:00 p.m.

*Choose either one full-day workshop, or any two half-day workshops.*

### Full Day Workshop

Begins at 7:45 a.m. and continues until 5:00 p.m. with a break for lunch.

### **Bedside Invasive Procedures for the Intensivist, Including Vascular Access, Percutaneous Tracheostomy, and Percutaneous Gastrostomy**

*George C. Velmahos, M.D., Ph.D., Howard Belzberg, M.D., and Mark Ault, M.D.*

*This full-day workshop provides both didactic and hands-on instruction. Enrollment is limited to 50 physicians; early registration is advised.*

### Half-Day Workshops on Practical Methods and Techniques

Each workshop begins at 7:45 a.m. and continues until 11:45 a.m., and is repeated between 1:00 p.m. and 5:00 p.m. Attendees may choose any two of the three scheduled workshops; one in the morning and the second in the afternoon.

1. **Techniques of Neurological Monitoring, Including Intracranial Pressure Measurements**  
*Geoffrey Ling, M.D., Ph.D.*
2. **Practical Update on Emergency Airway Management and Non-invasive and Invasive Mechanical Ventilation**  
*Stephen F. Dierdorf, M.D.*
3. **Prehospital Emergency and Critical Care: Airway Management, Volume Resuscitation, Cardiac Diagnosis Including ECG, Serum Markers, and Thrombolysis**  
*Michael Jacobs, EMT-P*

**Pre-Courses may be taken alone, or with the 4-day symposium. Mark the appropriate space on the registration form on page 23.**

*Workshops offer up to 8 hours of category 1 credit.*

In conjunction with this symposium, the American College of Veterinary Emergency and Critical Care is sponsoring a postgraduate course at Caesars Palace on February 2, 2004. For registration information call the **Veterinary Emergency & Critical Care Society** at 210-698-5578 or e-mail info@veccs.org.

**TUESDAY, FEBRUARY 3, 2004**

**7:45 - 10:00 a.m.**

**Time Period 1**

**PLENARY SESSION**

Presiding: Max Harry Weil, M.D., Ph.D.

FLORENTINE BALLROOM

- 7:45 - 8:00 **INTRODUCTION**  
*Allan V. Abbott, M.D., and Max Harry Weil, M.D., Ph.D.*
- 8:00 - 8:30 **HERBERT SHUBIN MEMORIAL LECTURE**  
**Emergency Department Diagnosis (or Non-diagnosis) of Acute Myocardial Infarction**  
*Jay L. Falk, M.D.*
- 8:30 - 9:00 **Palpitations: Benign and Serious**  
*Nora F. Goldschlager, M.D.*
- 9:00 - 9:30 **Differential Diagnosis of Delirium**  
*Geoffrey Ling, M.D., Ph.D.*
- 9:30 - 10:00 **Sublingual Capnometry for Diagnosis and Monitoring of Circulatory Shock**  
*Max Harry Weil, M.D., and William T. Browne, M.D.*

10:00 - 10:30 a.m. COFFEE BREAK - EXHIBIT HALL

**10:30 a.m. - 11:20 a.m.**

**Time Period 2**

**MINI-COURSES**

- FLORENTINE I-II - UPDATE 2004  
**Management of Acute Pancreatitis**  
*Stephen A. McClave, M.D.*
- FLORENTINE III-IV  
**Diagnosis and Management of Subdural Hematoma**  
*Geoffrey Ling, M.D., Ph.D.*
- ROMAN II  
**Vasopressor Therapy During Circulatory Shock with Special Reference to Vasopressin**  
*Eric C. Rackow, M.D.*
- ROMAN IV  
**Hypercoagulability as a Cause of Thrombosis and Thromboembolism**  
*Cynthia M. Otto, D.V.M., Ph.D.*

**TUESDAY, FEBRUARY 3, 2004**

**11:25 - 12:15 p.m.**

**Time Period 3**

**MINI-COURSES**

- FLORENTINE I-II - UPDATE 2004  
**†Conscious Sedation**  
*Stephen F. Dierdorf, M.D.*
- FLORENTINE III-IV  
**Cardiac Trauma**  
*George C. Velmahos, M.D., Ph.D.*
- ROMAN II  
**Modifying Mechanical Ventilation to Minimize Lung Injury**  
*James M. Baumgardner, M.D., Ph.D.*
- ROMAN IV  
**The Use of Hemoglobin-based O<sub>2</sub> Carriers for Management of Life-threatening Blood Loss**  
*Dennis T. Crowe, D.V.M.*

12:15 - 1:30 p.m. LUNCH BREAK

**1:30 - 3:00 p.m.**

**Time Period 4**

**PLENARY SESSION**

Presiding: Eric C. Rackow, M.D.

FLORENTINE BALLROOM

- 1:30 - 2:00 **New Options for Management of Atrial Fibrillation**  
*Nora F. Goldschlager, M.D.*
- 2:00 - 2:30 **Prevention of Venous Thromboembolism**  
*George C. Velmahos, M.D., Ph.D.*
- 2:30 - 3:00 **Life-threatening Community-acquired Pneumonias**  
*Michael S. Niederman, M.D.*
- 3:00 - 3:30 p.m. COFFEE BREAK - EXHIBIT HALL

## TUESDAY, FEBRUARY 3, 2004

3:30 - 4:20 p.m.

Time Period 5

### MINI-COURSES

FLORENTINE I-II - UPDATE 2004

**The Differential Diagnosis of Neuropathies and Implications for Management**

*Geoffrey Ling, M.D., Ph.D.*

FLORENTINE III-IV

**Monitoring Patients on Nutritional Support**

*Stephen A. McClave, M.D.*

ROMAN II

**Stroke Presenting Out of Hospital and in the Emergency Department**

*Jay L. Falk, M.D.*

ROMAN IV

**Hypertonic Saline Resuscitation: From Veterinary to Human Application**

*Cynthia M. Otto, D.V.M., Ph.D.*

4:25 - 5:15 p.m.

Time Period 6

### MINI-COURSES

FLORENTINE I-II - UPDATE 2004

**The Laryngeal Mask Airway: A Major Option in Lieu of Endotracheal Intubation for the Occasional Operator**

*Stephen F. Dierdorf, M.D.*

FLORENTINE III-IV

**Management of Exacerbations of COPD**

*Michael S. Niederman, M.D.*

ROMAN II

**Platelet Transfusions: Indications and Dosing**

*Jay H. Herman, M.D.*

ROMAN IV

**CT for Diagnosis of Pulmonary Embolism**

*George C. Velmahos, M.D., Ph.D.*

## WEDNESDAY, FEBRUARY 4, 2004

8:00 - 10:00 a.m.

Time Period 7

### PLENARY SESSION

Presiding: Max Harry Weil, M.D., Ph.D.

FLORENTINE BALLROOM

8:00 - 8:30 MAX HARRY WEIL INTERNATIONAL LECTURE  
**Pharmacological Interventions During Cardiac Resuscitation**  
*Wanchun Tang, M.D.*

8:30 - 9:00 **Heparin-induced Thrombocytopenia**  
*Jay H. Herman, M.D.*

9:00 - 9:30 **Pulmonary Embolism with Special Reference to Anticoagulant Regimens**  
*Arthur P. Wheeler, M.D.*

9:30 - 10:00 **Cardiac Pacing**  
*Nora F. Goldschlager, M.D.*

10:00 - 10:30 a.m. COFFEE BREAK - EXHIBIT HALL

10:30 - 11:20 a.m.

Time Period 8

### MINI-COURSES

FLORENTINE I-II - UPDATE 2004

**Chemical Terrorism: Agents, Triage, and Decontamination**

*William T. Browne, M.D.*

FLORENTINE III-IV

**The Role of Beta Adrenergic Blockade for Management of Heart Failure**

*Uri Elkayam, M.D.*

ROMAN II

**Ventilator-associated Pneumonia**

*Michael S. Niederman, M.D.*

ROMAN IV

**Adrenal Dysfunction in the Critically Ill and Injured**

*Emanuel P. Rivers, M.D., M.P.H.*

WEDNESDAY, FEBRUARY 4, 2004

11:25 a.m. - 12:15 p.m.

Time Period 9

### MINI-COURSES

FLORENTINE I-II - UPDATE 2004

**Pharmacological Interventions for Management of Cardiac Arrhythmias**

*Nora F. Goldschlager, M.D.*

FLORENTINE III-IV

**†Sedation and Analgesia for the Critically Ill**

*Arthur P. Wheeler, M.D.*

ROMAN II

**The Pediatric Airway and Its Management**

*Stephen F. Dierdorf, M.D.*

ROMAN IV - CASE STUDY

**Case Studies on Life-threatening Infections**

*Michael S. Niederman, M.D.*

12:15 - 1:30 p.m. LUNCH BREAK

1:30 - 3:00 p.m.

Time Period 10

### PLENARY SESSION

Presiding: Eric C. Rackow, M.D.

FLORENTINE BALLROOM

1:30 - 2:00 **Revising Priorities for Cardiopulmonary Resuscitation (CPR)**

*Max Harry Weil, M.D., Ph.D.*

2:00 - 2:30 **Early Enteral Feeding**

*Stephen A. McClave, M.D.*

2:30 - 3:00 **Diagnosis and Management of Decompensated Heart Failure**

*Uri Elkayam, M.D.*

3:00 - 3:30 p.m. COFFEE BREAK - EXHIBIT HALL

WEDNESDAY, FEBRUARY 4, 2004

3:30 - 4:20 p.m.

Time Period 11

### MINI-COURSES

FLORENTINE I-II - UPDATE 2004

**Mechanical Ventilation and Acute Lung Injury**

*Arthur P. Wheeler, M.D.*

FLORENTINE III-IV

**Maximizing Benefits and Minimizing Risk of Total Parenteral Feeding**

*Stephen A. McClave, M.D.*

ROMAN II - CASE STUDY

**Case Studies on Life-threatening Electrolyte Abnormalities**

*William T. Browne, M.D.*

ROMAN IV - ETHICS AND PRACTICE

**† Meet the Professor: Brain Death and Organ Donation**

*Emanuel P. Rivers, M.D., M.P.H.*

4:25 - 5:15 p.m.

Time Period 12

### MINI-COURSES

FLORENTINE I-II - UPDATE 2004

**Abdominal Compartment Syndromes**

*Howard Belzberg, M.D.*

FLORENTINE III-IV - ETHICS AND PRACTICE

**Minimizing Malpractice Liability: Case Reviews and Commentary**

*Jay L. Falk, M.D.*

ROMAN II

**Initial Physiological Assessment and Outcome Predictions of the Patient in Shock**

*Emanuel P. Rivers, M.D., M.P.H.*

ROMAN IV

**Transfusion Reactions: Newly Recognized Mechanisms**

*Jay H. Herman, M.D.*

**THURSDAY, FEBRUARY 5, 2004**

8:00 - 10:00 a.m.

Time Period 13

**PLENARY SESSION**

Presiding: Max Harry Weil, M.D., Ph.D.

FLORENTINE BALLROOM

- 8:00 - 8:30    **Goal-directed Resuscitation**  
*Emanuel P. Rivers, M.D., M.P.H.*
- 8:30 - 9:00    **Pathogenesis and Prevention of Line Sepsis**  
*Dennis G. Maki, M.D.*
- 9:00 - 9:30    **Management of the Immunocompromised Patient**  
*Vinay Nadkarni, M.D.*
- 9:30 - 10:00   **Fallacies of Blood Transfusions**  
*Max Harry Weil, M.D., Ph.D.*

10:00 - 10:30 a.m. COFFEE BREAK - EXHIBIT HALL

10:30 - 11:20 a.m.

Time Period 14

**MINI-COURSES**

- FLORENTINE I-II - UPDATE 2004  
**Treatment of Infections Caused by Multi-resistant Nosocomial Pathogens**  
*Dennis G. Maki, M.D.*
- FLORENTINE III-IV  
**Dengue Fever: An Emerging Clinical Challenge**  
*Michael L. Bunning, D.V.M., M.P.H.*
- ROMAN II  
**†End-of-Life Care**  
*Max Harry Weil, M.D., Ph.D.*
- ROMAN IV  
**ARDS -- What 36 Years Have Taught Us**  
*Maurene A. Harvey, R.N., M.P.H., CCRN*

**THURSDAY, FEBRUARY 5, 2004**

11:25 a.m. - 12:15 p.m.

Time Period 15

**MINI-COURSES**

- FLORENTINE I-II - UPDATE 2004  
**SARS and the Intensivist: 1918 Revisited?**  
*Dennis G. Maki, M.D.*
- FLORENTINE III-IV - ETHICS AND PRACTICE  
**†Organ Donors and Organ Donation**  
*Demetrios Demetriades, M.D., Ph.D.*
- ROMAN II  
**Non-invasive Hemodynamic Monitoring**  
*Howard Belzberg, M.D.*
- ROMAN IV  
**Traditional and Novel Drugs for Sedation**  
*Richard R. Riker, M.D.*

12:15 - 1:30 p.m. LUNCH BREAK

1:30 - 3:00 p.m.

Time Period 16

**PLENARY SESSION**

Presiding: Eric C. Rackow, M.D.

FLORENTINE BALLROOM

- 1:30 - 2:00    **Advances in the Treatment of Life-threatening Fungal Infections**  
*Dennis G. Maki, M.D.*
- 2:00 - 2:30    **Bioterrorism: The Potential Scourge of Anthrax, Smallpox, and Plague**  
*William T. Browne, M.D.*
- 2:30 - 3:00    **Controversies in Patient Monitoring and Management**  
*Maurene A. Harvey, R.N., M.P.H., CCRN*
- 3:00 - 3:30 p.m. COFFEE BREAK - EXHIBIT HALL

## THURSDAY, FEBRUARY 5, 2004

3:30 - 4:20 p.m.

Time Period 17

### MINI-COURSES

FLORENTINE I-II - UPDATE 2004

**The Chest CT Scan to Guide Diagnosis and Management of Chest Trauma**

*Demetrios Demetriades, M.D., Ph.D.*

FLORENTINE III-IV - ETHICS AND PRACTICE

**†Ethical and Legal Dilemmas Associated with Life-threatening Illness and Injuries in Minors**

*Vinay Nadkarni, M.D.*

ROMAN II

**Rhabdomyolysis: Mechanisms and Clinical Management**

*To be announced*

ROMAN IV - CASE STUDY

**Case Studies on Toxic Shock**

*William T. Browne, M.D.*

4:25 - 5:15 p.m.

Time Period 18

### MINI-COURSES

FLORENTINE I-II - UPDATE 2004

**Point of Care Testing in the Emergency Department and ICU**

*Janice L. Zimmerman, M.D.*

FLORENTINE III-IV

**An Update on the Diagnosis and Management of Acoustic Neuromas**

*Steven L. Giannotta, M.D.*

ROMAN II

**CT Scanning for Resolving Difficult Diagnoses**

*William D. Boswell, M.D.*

ROMAN IV

**Infectious Diseases in Deprived Populations**

*Michael L. Bunning, D.V.M., M.P.H.*

## FRIDAY, FEBRUARY 6, 2004

8:00 - 10:00 a.m.

Time Period 19

### PLENARY SESSION

Presiding: Max Harry Weil, M.D., Ph.D.

FLORENTINE BALLROOM

8:00 - 8:30 **Life-threatening Viral Infections from Animal Reservoirs**

*Michael L. Bunning, D.V.M., M.P.H.*

8:30 - 9:00 **Traumatic Hypotension: Fluid Resuscitation or Fluid Restriction?**

*Demetrios Demetriades, M.D., Ph.D.*

9:00 - 9:30 **Bedside Diagnosis and Initial Management of Hypotensive (Shock) States**

*Eric C. Rackow, M.D.*

9:30 - 10:00 **Acute Bleeding and Coagulation Disorders: Diagnosis and Management**

*Janice L. Zimmerman, M.D.*

10:00 - 10:15 a.m. COFFEE BREAK - FOYER

10:15 - 11:05 a.m.

Time Period 20

### MINI-COURSES

FLORENTINE I-II - UPDATE 2004

**Management of Hypertensive Emergencies**

*Janice L. Zimmerman, M.D.*

FLORENTINE III-IV

**Pediatric Cardiopulmonary Resuscitation**

*Vinay Nadkarni, M.D.*

ROMAN II - CASE STUDY

**Case Studies on Necrotizing Infections**

*William T. Browne, M.D.*

ROMAN IV - ETHICS AND PRACTICE

**Helping Patients and Families Make Decisions**

*Maurene A. Harvey, R.N., M.P.H., CCRN*

## FRIDAY, FEBRUARY 6, 2004

11:10 a.m. - 12:00 noon

Time Period 21

### MINI-COURSES

FLORENTINE I-II - UPDATE 2004

**The Intensivist Managing Subarachnoid Hemorrhage**

*Steven L. Giannotta, M.D.*

FLORENTINE III-IV

**Objective Monitoring of the Depth of Sedation**

*Richard R. Riker, M.D.*

ROMAN II

**Post-resuscitation Myocardial Dysfunction**

*Wanchun Tang, M.D.*

ROMAN IV - CASE STUDY

**Case Studies Based on the Plain Chest Film**

*William D. Boswell, M.D.*

12:00 - 1:15 p.m. LUNCH BREAK

1:15 - 2:45 p.m.

Time Period 22

### PLENARY SESSION

Presiding: Eric C. Rackow, M.D.

FLORENTINE BALLROOM

1:15 - 1:45 **Methods of Electrical Defibrillation**

*Wanchun Tang, M.D.*

1:45 - 2:15 ETHICS AND PRACTICE

**Cerebral Aneurysm: Challenges of Diagnosis and Legal Implications**

*Steven L. Giannotta, M.D.*

2:15 - 2:45 **CT Angiography for Detection of Major Intrathoracic Crises**

*William D. Boswell, M.D.*

2:45 - 3:00 p.m. COFFEE BREAK - FOYER

## FRIDAY, FEBRUARY 6, 2004

3:00 - 3:50 p.m.

Time Period 23

### MINI-COURSES

FLORENTINE I-II - UPDATE 2004

**Poisoning and Overdose: Diagnosis and Initial Management**

*Janice A. Zimmerman, M.D.*

FLORENTINE III-IV

**Pitfalls in the Initial Evaluation and Management of the Pediatric Trauma Patient**

*Demetrios Demetriades, M.D., Ph.D.*

ROMAN II

**Endocrine Emergencies**

*Vinay Nadkarni, M.D.*

ROMAN IV

**Diagnosis of Pulmonary Thromboembolism: Implications for Initial Management**

*Max Harry Weil, M.D., Ph.D.*

## FACULTY

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### Course Directors

**Max Harry Weil, M.D., Ph.D.**

Distinguished University Professor and  
President, Institute of Critical Care Medicine  
Palm Springs, California  
Adjunct Professor of Medicine, Northwestern University Medical School  
Chicago, Illinois  
Research Professor of Surgery and Clinical Anesthesiology  
Keck School of Medicine of the University of Southern California  
Los Angeles, California

**Eric C. Rackow, M.D.**

Chief Medical Officer and Professor of Medicine  
New York University Medical Center  
New York, New York  
Physician-in-Chief, Institute of Critical Care Medicine  
Palm Springs, California

**Allan V. Abbott, M.D.**

Professor of Family Medicine  
Associate Dean for Curriculum and Continuing Medical Education  
Keck School of Medicine of the University of Southern California  
Los Angeles, California

### Guest Faculty

**Mark Ault, M.D.**

Professor of Clinical Medicine  
David Geffen School of Medicine  
University of California, Los Angeles  
Director, Division of General Internal Medicine  
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Colonel, Medical Corps, US Army  
Chief, Department of Medicine  
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Lieutenant Colonel-, US Air Force  
Epidemiology and Ecology Section, Arbovirus Diseases Branch  
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Clinical Professor of Clinical Sciences  
Florida State University College of Medicine  
Academic Chairman, Department of Emergency Medicine  
Chief Academic Medical Officer  
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Professor of Clinical Medicine  
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San Francisco, California

**Maurene A. Harvey, R.N., M.P.H., CCRN**

Consultants in Critical Care  
Lake Tahoe, Nevada  
*Past President, Society of Critical Care Medicine*

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Clinical Professor of Medicine  
Jefferson Medical College  
Thomas Jefferson University  
Director, Transfusion Medicine  
Cardeza Foundation for Hematologic Research  
Philadelphia, Pennsylvania

**Michael Jacobs, EMT-P**

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San Francisco, California

**Geoffrey Ling, M.D., Ph.D.**

Lieutenant Colonel, Medical Corps, US Army  
Professor and Vice Chairman, Department of Neurology  
Associate Professor and Director, Division of Critical Care Medicine,  
Departments of Anesthesiology and Surgery  
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**Dennis G. Maki, M.D.**

Ovid O. Meyer Professor of Medicine  
Head, Section of Infectious Diseases  
Attending Physician, Center for Trauma and Life Support  
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**Stephen A. McClave, M.D.**  
Professor of Medicine  
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Maine Medical Center  
Portland, Maine

**Emanuel P. Rivers, M.D., M.P.H.**  
Associate Professor of Emergency Medicine and Surgery  
Case Western Reserve University  
Director of Research, Department of Emergency Medicine  
Henry Ford Hospital  
Detroit, Michigan

**Arthur P. Wheeler, M.D.**  
Associate Professor of Medicine  
Director, Medical Intensive Care Unit  
Vanderbilt University School of Medicine  
Nashville, Tennessee

**Janice L. Zimmerman, M.D.**  
Professor of Medicine  
Baylor College of Medicine  
Houston, Texas

**Faculty of the Keck School of Medicine of USC**  
*Los Angeles, California*

**Howard Belzberg, M.D.**  
Associate Director, Trauma/Critical Care  
Los Angeles County+USC Medical Center  
Associate Professor of Surgery

**William D. Boswell, M.D.**  
Associate Professor of Radiology  
Chief of Radiology  
Norris Comprehensive Cancer Center

**Demetrios Demetriades, M.D., Ph.D.**  
Professor of Surgery  
Director of Trauma and Critical Care

**Uri Elkayam, M.D.**  
Professor of Medicine  
Director, Heart Failure Program

**Steven L. Giannotta, M.D.**  
Professor of Neurological Surgery

**Wanchun Tang, M.D.**  
Vice President for Medical Research  
Institute of Critical Care Medicine  
Palm Springs, California  
Clinical Professor of Anesthesiology

**George C. Velmahos, M.D., Ph.D.**  
Associate Professor of Surgery

**Nancy W. Miller, R.N., M.S.N, CCRN, CNA**  
Provider Administrator, Institute of Continuing Education for Nurses  
Los Angeles County+USC Medical Center

**Faculty Disclosure**  
*Current guidelines state that participants in continuing medical education activities should be aware of any affiliation or financial interest that could affect the speaker's presentation(s). Faculty members have completed conflict of interest declarations and those potential conflicts will be listed in the course syllabus.*

## COURSE INFORMATION

### DATES

**Pre-course** - Monday, February 2, 2004. **Pre-registration is required.**  
**4-Day Symposium** - Tuesday, Wednesday, Thursday and Friday,  
February 3-6, 2004.

### REGISTRATION AND INFORMATION

**Mail or fax** the application form found on page 23.

**By telephone:** Please call 323-442-2555, or 800-USC-1119.

**By fax:** 323-442-2152 or 888-665-8650 toll free

**E-mail:** usccme@usc.edu

**Web site:** www.usc.edu/cme

### PLACE:

#### CAESARS PALACE HOTEL

3570 Las Vegas Blvd. South, Las Vegas, Nevada 89109

Telephone 702-731-7110 Fax 702-731-7172

**For room reservations**, call 702-731-7110. To obtain the USC rate, mention the USC Critical Care Medicine Symposium, or mail or fax the Hotel Registration Form on page 22 with one night's deposit (check or credit card, including tax). Room rates are \$165 (run of house); \$205 (Palace Tower), single or double, plus room tax, currently 9%. Please call hotel for rates for suites. **Room block expires January 9, 2004.**

### REFUND POLICY

Refunds must be requested in writing prior to the course and are subject to a 10% processing fee. No refunds will be given after the course begins.

### ON-SITE COURSE REGISTRATION

Monday, February 2, and Tuesday, February 3, 2004 beginning at 7:00 a.m.

Advance notice of special needs for physically challenged participants is requested by January 12, 2004

### PROFESSIONAL CREDIT

The Keck School of Medicine of the University of Southern California is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Keck School of Medicine of the University of Southern California designates this educational activity for category 1 credits toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

Four-day symposium (Tues - Fri)	up to 27 hours*
Monday Pre-Course and four-day symposium (Mon - Fri)	up to 35 hours*
Pre-Course only (Mon only)	up to 8 hours

\*exclusive of optional meal programs

Four day symposium: Provider approved by the **Board of Registered Nursing, State of California**. Provider number CEP 00105 for 27 contact hours. This program #04-8000 has been approved by an **AACN** Certification Corporation-approved provider (#10488) under established AACN guidelines for 32 contact hours, CERP Category A. *To receive BRN Contact hours you must attend the full 4-day program. Category 1 hours will be given for partial attendance. Monday Pre-course is approved for Category 1 credit only.*

## HOTEL REGISTRATION FORM

MAIL: Caesars Palace Hotel  
3570 Las Vegas Blvd. South  
Las Vegas, NV 89109

or CALL 1-800-634-6661 or 702-731-7110

or FAX 702-731-7172

For: USC Critical Care Medicine Symposium  
February 2-6, 2004

Rate: \$165.00 Run of House \$205.00 Palace Tower  
Single or double, plus county room tax, currently 9%.  
*If you desire a suite, please call hotel for rates*

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Please reserve the following:  Single  Double

Smoking  Non-smoking

No. of Guests \_\_\_\_\_ Deposit Amt. \_\_\_\_\_

Arrival Date \_\_\_\_\_ Departure Date \_\_\_\_\_

Arrival Time \_\_\_\_\_

Credit Card # \_\_\_\_\_ Exp date: \_\_\_\_\_

Signature \_\_\_\_\_

***IMPORTANT!*** *Caesars Palace hotel requires a one-night advance deposit, per room, plus tax, for each reservation. The hotel will accept all major credit cards or a check for advance deposit. Deposits are non-refundable if the reservation is canceled less than 72 hours prior to scheduled arrival.*

Reservations must be received by January 9, 2004. Group rates, rooms, and dates are subject to availability. Guest rooms may not be available before 3:00 p.m. Monday - Thursday, and 5:00 p.m. Friday - Sunday. Check out after 12:00 noon on day of departure may incur a late charge.

**COURSE APPLICATION**

#1980 Critical Care Medicine

February 2-6, 2004

Name \_\_\_\_\_

*Please print.* Last First Degree

Soc Sec # \_\_\_\_\_ Specialty \_\_\_\_\_

Phone ( ) \_\_\_\_\_ FAX ( ) \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

RN Lic # \_\_\_\_\_ E-mail \_\_\_\_\_

Program Options	Physician	Military <sup>2</sup> Physician	RN, Res/Fell <sup>2</sup> or Allied	Military <sup>2</sup> RN or Allied
4 Day Program <sup>1</sup>	<input type="checkbox"/> \$675	<input type="checkbox"/> \$515	<input type="checkbox"/> \$465	<input type="checkbox"/> \$405
4 Day Program + Full Day <b>Invasive Procedures</b> Workshop	<input type="checkbox"/> \$895	<input type="checkbox"/> \$735	<input type="checkbox"/> \$685	<input type="checkbox"/> \$625
<b>Invasive Procedures</b> Workshop ONLY	<input type="checkbox"/> \$350	<input type="checkbox"/> \$350	<input type="checkbox"/> N / A	<input type="checkbox"/> N / A
4 Day Program + Two Half-day Workshops	<input type="checkbox"/> \$825	<input type="checkbox"/> \$665	<input type="checkbox"/> \$615	<input type="checkbox"/> \$555
Two Half-day Workshops ONLY	<input type="checkbox"/> \$275	<input type="checkbox"/> \$275	<input type="checkbox"/> \$275	<input type="checkbox"/> \$275

 CHECK (payable to USC)  VISA  MASTERCARD

Card Number \_\_\_\_\_ Expir. date \_\_\_\_\_

Authorized signer \_\_\_\_\_ Amt. \$ \_\_\_\_\_

<sup>1</sup> Does not include Pre-course (Monday, February 2)<sup>2</sup> Application must be accompanied by a letter from the Chief of Service stating that the participant is enrolled in a full time approved training program (Residents and Fellows) or is on active military duty.

Please mail check made payable to the University of Southern California with this application form to Associate Dean, Keck School of Medicine, Office of CME, University of Southern California, 1975 Zonal Avenue, KAM 317, Los Angeles, CA 90033-1039. Register by telephone: 323-442-2555, or 800-USC-1119. Fax credit card registration to 323-442-2152, or 888-665-8650 (toll free).

University policy does not allow acceptance of foreign checks. All refunds are subject to a 10% processing fee. No refunds made after the program begins.

# **42nd Annual Symposium on Critical Care, Trauma and Emergency Medicine**

**Monday, Tuesday, Wednesday, Thursday, and Friday  
February 2 - 6, 2004**

Keck School of Medicine  
Office of Continuing Medical Education  
University of Southern California  
1975 Zonal Avenue, KAM 317  
Los Angeles, California 90033-1039