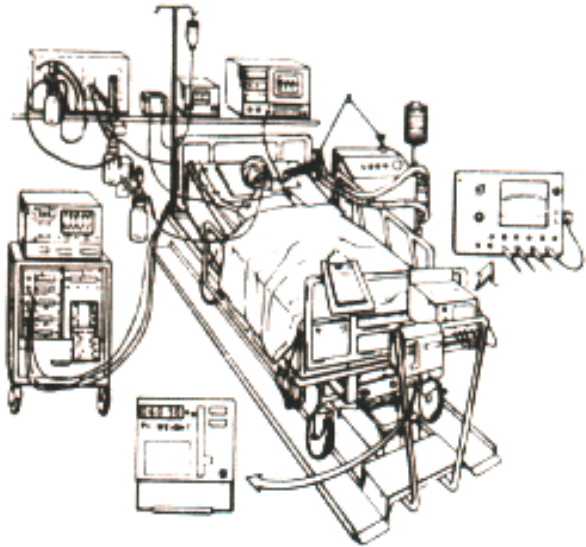


Preliminary Program

47th Annual USC Weil Symposium on CRITICAL CARE AND EMERGENCY MEDICINE

Sunday, May 17-Thursday, May 21, 2009

NEW DATE! Westin Mission Hills
NEW LOCATION! Rancho Mirage,
California



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

Directed by
Max Harry Weil, M.D., Ph.D.

NEEDS ASSESSMENT AND COURSE DESCRIPTION

Course Description: The 47th Annual USC Weil Symposium on Critical Care and Emergency Medicine will address challenges faced by healthcare professionals who care for critically ill and injured patients, including critical care specialists, emergency physicians, hospitalists, internists, cardiologists, pulmonologists, anesthesiologists, nephrologists, traumatologists, general surgeons, and primary care providers who care for critically ill patients. The program provides an ideal mix of traditional standard-of-care principles based on established guidelines with cutting-edge, forward-moving practices. Didactic lectures on current **management** are featured in the Plenary Session. The “Update 2009” series of lectures highlights the most important advances, and breakout sessions offer more specific focus, including popular case presentations. Practical skills are taught in either full-day or half-day hands-on workshops, which will bridge the gap between journals/textbooks and the bedside by providing didactic presentations along with hands-on experience. Program topics have been selected based on extensive critical care and emergency medicine needs assessment data including past participant surveys, clinical expert input, practice guidelines, and data from national data sources and associations.

This conference was the first and continues as the oldest course on Critical Care Medicine. It has been expanded and has been relocated from Las Vegas to the home community of the Weil Institute in the beautiful Palm Springs, California area. The program offers the opportunity to fill important gaps in knowledge in the multi-specialty and broad-based areas of critical care and emergency medicine, help to drive new guidelines into practice, and result in changes throughout the continuum of patient care. With collaboration of the World Federation and other international intensive and critical care societies, we also welcome registrants from Europe, South America and the Pacific Rim. Submission of abstracts is invited for possible publication and presentation at optional oral and poster sessions; see details at <http://www.weiliccm.org/symposium/index.html>

Needs Assessment: Critical care medicine is a multi-specialty approach to healthcare for patients with acute, life-threatening illness or injury. Most individuals (nearly 80%) will directly or indirectly experience a critical illness or injury.¹ As much as 10% of expenditures on health care are estimated to be spent on critically ill patients.² More than five million patients are admitted annually to ICUs in the United States, most for postoperative management or with diagnoses of respiratory insufficiency/failure, ischemic heart disorder, heart failure, and sepsis.³ Because the care of critically ill patients, including patients in emergency departments, is rapidly evolving with the advances of science and technology, what is initiated at the bench is often not implemented at the bedside. The demand for emergency department services has escalated by 20% in recent years.⁴ Because the broad-based specialty of Emergency Medicine is influenced by developments in many fields, keeping up with current developments is nearly impossible.⁵

¹ Society of Critical Care Medicine. My ICUcare, 2008.

http://www.mycucare.org/Critical_Care_Questions/Pages/default.aspx. Accessed August 15, 2008.

² Fowler RA, Adhikari NKJ, Scales DC, Lee WL, Rubenfeld GD. Update in Critical Care 2007. *Am J Respir Crit Care Med* 2008 Vol 177: pp 808-819.

³ Society of Critical Care Medicine. *Critical Care Statistics in the United States*. Society of Critical Care Medicine, 2006.

⁴ Nawar EW, Niska RW, Xu J. National Hospital Ambulatory Medical Care Survey: 2005 Emergency Department Summary. *Advance Data from Vital and Health Statistics*. Number 386, June 29, 2007

⁵ Lang ES, Wyer PC, Haynes RB. Knowledge Translation: Closing the Evidence-to-Practice Gap. *Annals of Emergency Medicine*. Vol 49, No. 3. March 2007.

Additional Course Information: Please see page 21.

ACKNOWLEDGMENTS

We gratefully acknowledge support for the program from (partial list)

Novo Nordisk, Inc., and Zoll Medical

OBJECTIVES

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

- Implement new criteria for diagnosis and management of pulmonary embolism, acute respiratory failure and the prevention of ventilator induced lung injury, explain options for non-invasive and less invasive ventilation, including the laryngeal mask airway, and alternatives to mechanical ventilation.
- Identify and manage acute cardiovascular crises, including acute coronary syndromes, heart failure, major rhythm disturbances, and pericardial disease; distinguish between primary cardiac and primary asphyxial cardiac arrest in accord with new guidelines, including options for defibrillation, hypothermia, management of post resuscitation myocardial dysfunction, and ischemic brain damage; discuss the current role of hemodynamic monitoring, including central catheters and the newly recognized role of microcirculatory imaging for diagnosis and management of circulatory shock; perform differential diagnosis and optimize management of both hemorrhagic and thrombotic strokes.
- Discuss diagnosis and treatment of sepsis, septic shock, toxic shock, and multiorgan failure, including fluid resuscitation and indications for early medical and surgical treatment; identify antimicrobial therapy for life-threatening infections and discuss limitations of diverse resuscitative fluids and vasopressor agents; describe diagnosis and management of both community- and hospital-acquired pneumonias and life-threatening exacerbations of obstructive airway diseases; describe the epidemiology and management of antibiotic resistance, including MRSA and *Clostridium difficile*; recognize emerging and re-emerging communicable diseases, including tuberculosis and avian influenza; implement guidelines for use of prophylactic antibiotics together with management of immunocompromised patients and hospital infection control.
- Describe current guidelines for diagnosis and management of acute renal failure and options for renal replacement therapy; discuss management of liver failure, electrolyte and acid base emergencies; identify hyper- and hypoglycemia, ketoacidosis and hyper- and hypo-osmolal states; evaluate gastrointestinal crises, including pancreatitis and the hepato-renal syndrome; define indications and methods of percutaneous gastrostomies and guidelines for enteral nutrition.
- Identify intoxications with diverse poisons and street drugs; discuss the initial management of wounds, describe the initial management of the severely burn-injured patient; define current indications for blood transfusions and their alternatives; apply new concepts of hemostasis, including the role of Factor VII; discuss goal-directed resuscitation; describe current initial management of seizures, syncope, and head injuries.
- Identify and treat anxiety and manage post-operative pain; adopt protocols for analgesia and sedation based on increasingly objective criteria.
- Recognize the risks of dementia, especially in the elderly critically ill; integrate guidelines for care of the elderly and priorities of end-of-life care.
- Integrate human values and ethical priorities during lifesaving interventions; recognize potentially life-threatening errors at the bedside and list options for their prevention, including quality and safety initiatives, especially asepsis, and device options for minimizing complications during and after insertion of catheters and tubes; implement clinical information systems pertinent to acute care; discuss malpractice cases pertinent to life saving interventions.
- Formulate a plan for the care of the morbidly obese patient; discuss the role of ultrasound for both imaging the heart, chest and abdominal organs and for placement of central catheters at the bedside; illustrate mechanisms and management of urinary tract obstruction.

PRE-COURSE

SUNDAY, MAY 17, 2009

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

**Choose full day ACLS course OR any two half-day workshops.
ALL workshops have limited space; early registration is advised.
Workshops offer up to 8 AMA PRA Category 1 credits.**

Full Day ACLS Provider Course or 1½ day ACLS Instructor Course

Max Harry Weil, M.D., Ph.D., Mike Jacobs, EMT-P, Wanchun Tang, M.D., William Browne, M.D., Mike Potter, EMT-P, and Giuseppe Ristagno, M.D.

This problem-oriented, sophisticated Provider Course is for Professional Medical Providers who direct resuscitation teams in and out of hospitals. On the preceding day, Saturday, May 16th, up to 12 qualified candidates may enroll for the Instructor Course option (1:00-7:00 p.m.). These candidates will student-teach at the Provider Course on Sunday. Details will be provided upon registration.

OR

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 scheduled workshops; one in the morning and the second in the afternoon.

1. **Airway Management and Mechanical Ventilation with Emphasis on Non-invasive Ventilation**
Robert M. Kacmarek, Ph.D., and Edgar J. Jimenez, M.D.
Didactic presentations followed by hands-on practice with airway devices and current models of ventilators for non-invasive ventilation.
2. **Techniques of Renal Replacement Therapy**
Kevin K. Chung, M.D.
Continuous renal replacement methods will be reviewed and techniques demonstrated, including devices and supplies for optimal ultrafiltration, hemofiltration, hemodialysis, hemodiafiltration, plasma exchange and regional anticoagulation.
3. **Percutaneous Gastrostomy, Thoracostomy for Drain Insertion, and Percutaneous Tracheostomy**
D. J. Green, M.D., Kenji Inaba, M.D., and David S. Plurad, M.D.
An interactive workshop with didactic lectures and demonstrations, and hands-on experience with these interventions.
4. **Critical Care Ultrasound**
Philip D. Lumb, M.B.
This workshop demonstrates methods of central venous and arterial catheterization, cardiac evaluation and volume responsiveness, and additional critical care procedures guided by ultrasound methods with the performance of ultrasound guided regional nerve blocks for pain relief.

**Pre-Courses must be taken in conjunction with the 4-day symposium.
Mark the appropriate choices on the registration form on page 23.**

MONDAY, MAY 18, 2009

7:45 - 10:00 a.m.

Time Period 1

PLENARY SESSION

Presiding: Allan V. Abbott, M.D., and Max Harry Weil, M.D., Ph.D.

CELEBRITY 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 LECTURES**

Predictors of Outcomes in the Critically Ill

Jean-Louis Vincent, M.D., Ph.D.

8:30 - 9:00 **The New Plague: *Clostridium difficile***

Dennis G. Maki, M.D.

9:00 - 9:30 **Weaning from Mechanical Ventilation**

Robert M. Kacmarek, Ph.D.

9:30 - 10:00 †† **Critical Care in the Elderly: Continuity of Intensive Care from Hospital to Home**

Eric C. Rackow, M.D.

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

10:30 - 11:20 a.m.

Time Period 2

MINI-COURSES

CELEBRITY A - UPDATE 2009

Evidence-based Prevention and Management of Line Sepsis

Dennis G. Maki, M.D.

CELEBRITY E

Ventilation and Ventilator Modes for ARDS: What Do We Really Need in a Ventilator?

Robert M. Kacmarek, Ph.D.

AMBASSADOR 4

Carotid Endarterectomy vs Carotid Stenting – What Do the Data Tell Us?

Mark J. Alberts, M.D.

AMBASSADOR 5

Management of the Severely Obese Critically Ill Patient

William T. Browne, M.D.

CELEBRITY F

Polyneuropathy of the Critically Ill

Edgar J. Jimenez, M.D.

MONDAY, MAY 18, 2009

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

Time Period 3

MINI-COURSES

CELEBRITY A - UPDATE 2009

Evaluation of Dysphagia in the Critically Ill

Mark J. Alberts, M.D.

CELEBRITY E

The OR-ICU Interface: Safe Transfers for Improved Patient Care

Philip D. Lumb, M.B.

AMBASSADOR 4

Management of the Hepatorenal Syndrome

Jose Besso, M.D.

AMBASSADOR 5

Nutrition: Prescriptions for Parenteral and Enteral Nutrition

Edgar J. Jimenez, M.D.

CELEBRITY F - CASE STUDY

Case Studies on Acid Base Disorders

William T. Browne, M.D.

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

1:30 - 2:20 p.m.

Time Period 4

MINI-COURSES

CELEBRITY A - UPDATE 2009

Revisiting Routines of Cardiorespiratory and Metabolic Patient Monitoring

Jean-Louis Vincent, M.D., Ph.D.

CELEBRITY E

Rational Anti-infective Therapy for Life-threatening Infection

Dennis G. Maki, M.D.

AMBASSADOR 4

Burn-associated Injuries to the Airway and ARDS

Kevin Chung, M.D.

AMBASSADOR 5 - CASE STUDY

Case Studies on Liver Failure

William T. Browne, M.D.

CELEBRITY F

Academic Session

Presentation of accepted abstracts

MONDAY, MAY 18, 2009

2:25 - 3:15 p.m.

Time Period 5

MINI-COURSES

CELEBRITY A - UPDATE 2009

Prevention of Healthcare-related Pneumonia

Dennis G. Maki, M.D.

CELEBRITY E

New Data on Clopidogrel vs Aspirin and Extended Release Dipyridamole for Secondary Stroke Prevention

Mark J. Alberts, M.D.

AMBASSADOR 4

Minimizing Complications of the Insertion and Use of Central Lines

Philip D. Lumb, M.B.

AMBASSADOR 5

The Clinical Uses of Capnography

Giuseppe Ristagno, M.D.

CELEBRITY F

Academic Session

Presentation of accepted abstracts

3:15 - 3:45 p.m. COFFEE BREAK - EXHIBIT HALL

3:45 - 5:15 p.m.

Time Period 6

PLENARY SESSION

Presiding: William T. Browne, M.D.

CELEBRITY BALLROOM

3:45 - 4:15 **Control of Antimicrobial Resistance**

Dennis G. Maki, M.D.

4:15 - 4:45 **Anticipated Major Changes in the 2010 AHA Guidelines for CPR**

Wanchun Tang, M.D.

4:45 - 5:15 **ARDS: Recent Advances**

Edgar J. Jimenez, M.D.

TUESDAY, MAY 19, 2009

8:00 - 10:00 a.m.

Time Period 7

PLENARY SESSION

Presiding: Eric C. Rackow, M.D.

CELEBRITY BALLROOM

MAX HARRY WEIL INTERNATIONAL LECTURES

8:00 - 8:30 ETHICS AND PRACTICE

† **Forgoing Life Support: The European Perspective**

Jean-Louis Vincent, M.D., Ph.D.

8:30 - 9:00 ETHICS AND PRACTICE

† **Limiting Duration Rather Than Withdrawing Mechanical Ventilation in the Terminally Ill: The Israeli Experience**

Charles L. Sprung, M.D.

9:00 - 9:30 **Sunsetting Prehospital Endotracheal Intubation**

Ian G. Stiell, M.D.

9:30 - 10:00 **Diagnosis and Treatment of Pulmonary Embolism**

Jose Besso, M.D.

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

10:30 - 11:20 a.m.

Time Period 8

MINI-COURSES

CELEBRITY A - UPDATE 2009

The Threat of Multi-drug Resistant Tuberculosis

Dennis G. Maki, M.D.

CELEBRITY E

Anemia and Blood Transfusion

Jean-Louis Vincent, M.D., Ph.D.

AMBASSADOR 4

The Role of Hypothermia in the Management of CPR

Wanchun Tang, M.D.

AMBASSADOR 5

Acute Pulmonary Edema

Jay L. Falk, M.D.

CELEBRITY F - CASE STUDY

Case Studies on Management of COPD

Edgar J. Jimenez, M.D.

TUESDAY, MAY 19, 2009

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

Time Period 9

MINI-COURSES

CELEBRITY A - UPDATE 2009

Volume Repletion and Fluid Challenge

Jean-Louis Vincent, M.D., Ph.D.

CELEBRITY E

Pitfalls in the ECG Diagnosis of Myocardial Infarction

Nora F. Goldschlager, M.D.

AMBASSADOR 4

Priorities in the Management of Head Trauma

Jose Besso, M.D.

AMBASSADOR 5

Update on Intoxication Caused by Abuse of Drugs

Janice L. Zimmerman, M.D.

CELEBRITY F

Meet the Professor: Organization of Emergency Departments

Ian G. Stiell, M.D.

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

1:30 - 2:20 p.m.

Time Period 10

MINI-COURSES

CELEBRITY A - UPDATE 2009

Severe Heart Failure

Joseph E. Parrillo, M.D.

CELEBRITY E

Management of Electrolyte Emergencies

William T. Browne, M.D.

AMBASSADOR 4

Non-invasive Ventilation for Acute Respiratory Failure

Janice L. Zimmerman, M.D.

AMBASSADOR 5

Acute Pancreatitis

Jose Besso, M.D.

CELEBRITY F - CASE STUDY

Case Studies on Malpractice: I

Jay L. Falk, M.D.

TUESDAY, MAY 19, 2009

2:25 - 3:15 p.m.

Time Period 11

MINI-COURSES

CELEBRITY A - UPDATE 2009

Syncope

Nora F. Goldschlager, M.D.

CELEBRITY E

Mechanisms of Circulatory Shock with Special Reference to the Microcirculation

Jean-Louis Vincent, M.D., Ph.D.

AMBASSADOR 4

Immediate Management of Acute Renal Failure

Kevin K. Chung, M.D.

AMBASSADOR 5

Aggressive Emergency Department Management of Atrial Fibrillation: The Ottawa Protocol

Ian G. Stiell, M.D.

CELEBRITY F

Drowning

Jay L. Falk, M.D.

3:15 - 3:45 p.m. COFFEE BREAK - EXHIBIT HALL

3:45 - 5:15 p.m.

Time Period 12

PLENARY SESSION

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

CELEBRITY BALLROOM

3:45 - 4:15

Septic Shock: Where We Have Come From

Joseph E. Parrillo, M.D.

4:15 - 4:45

ETHICS AND PRACTICE

† End-of-Life Decision-making in the ICU

Charles L. Sprung, M.D.

4:45 - 5:15

Management of Acute and Chronic Atrial Fibrillation

Nora F. Goldschlager, M.D.

WEDNESDAY, MAY 20, 2009

8:00 - 10:00 a.m.

Time Period 13

PLENARY SESSION

Presiding: William T. Browne, M.D.

CELEBRITY BALLROOM

- 8:00 - 8:30 **Rapidly Excluding Injuries to the Cervical Spine After Traumatic Injuries**
Ian G. Stiell, M.D.
- 8:30 - 9:00 **Is There a Rationale for the Administration of Corticosteroids During Management of Septic Shock?**
Charles L. Sprung, M.D.
- 9:00 - 9:30 **Transitioning to Non-invasive Hemodynamic Monitoring**
Max Harry Weil, M.D., Ph.D.
- 9:30 - 10:00 **Pericardial Disease: Tamponade and Constriction**
Joseph E. Parrillo, M.D.

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

10:30 - 11:20 a.m.

Time Period 14

MINI-COURSES

CELEBRITY A - UPDATE 2009

The Next Generation of Bedside Monitoring: Tissue PCO₂ and Microcirculation
Wanchun Tang, M.D.

CELEBRITY E

Update on the 2008-2009 Literature on Sepsis and Septic Shock
Charles L. Sprung, M.D.

AMBASSADOR 4

Hyperglycemia and Hypoglycemia: Mechanisms and Implications for Management
Janice L. Zimmerman, M.D.

AMBASSADOR 5

Emergency Department Management of Chest Pain
Jay L. Falk, M.D.

CELEBRITY F

Obstetrical Emergencies
Susan E. Dantoni, M.D.

WEDNESDAY, MAY 20, 2009

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

Time Period 15

MINI-COURSES

CELEBRITY A - UPDATE 2009

† † Do Elderly Critically Ill Patients Really Benefit from ICU Management?
Charles L. Sprung, M.D.

CELEBRITY E

Clinical Information Systems: Transition to Computerized Patient Data Management of Critical Care Services
Mitchell M. Levy, M.D.

AMBASSADOR 4

Serious Burn Injuries: Continuing Fluid, Electrolyte, Antimicrobial and Nutritional Management
Kevin K. Chung, M.D.

AMBASSADOR 5

ICU Delirium and Its Management - *Peter J. Papadakos, M.D.*

CELEBRITY F - CASE STUDY

Case Studies on Malpractice: II - *Jay L. Falk, M.D.*

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

1:30 - 2:20 p.m.

Time Period 16

MINI-COURSES

CELEBRITY A - UPDATE 2009

Cardiogenic Shock - *Joseph E. Parrillo, M.D.*

CELEBRITY E

Quality and Safety Initiatives: A Brave New World
Eric C. Rackow, M.D.

AMBASSADOR 4

Interpretation of Routine Laboratory Measurements and Their Implications for Management
Janice L. Zimmerman, M.D.

AMBASSADOR 5

Robotic Methods for Urological Surgery and Their Complications
Kandis K. Rivers, M.D.

CELEBRITY F

Academic Session
Presentation of accepted abstracts

WEDNESDAY, MAY 20, 2009

2:25 - 3:15 p.m.

Time Period 17

MINI-COURSES

CELEBRITY A - UPDATE 2009

Pharmacological Support of the Failing Circulation

Eric C. Rackow, M.D.

CELEBRITY E

Pacemaker Emergencies

Nora F. Goldschlager, M.D.

AMBASSADOR 4

Factor VII: Current Evidence of Its Hemostatic Role

John B. Holcomb, M.D.

AMBASSADOR 5

Unexpected Pearls Gained from Routine Cases

Janice L. Zimmerman, M.D.

CELEBRITY F

Academic Session

Presentation of accepted abstracts

3:15 - 3:45 p.m. COFFEE BREAK - EXHIBIT HALL

3:45 - 5:15 p.m.

Time Period 18

PLENARY SESSION

Presiding: Eric C. Rackow, M.D.

CELEBRITY BALLROOM

3:45 - 4:15 **Acute Coronary Syndromes: Diagnosis and Management**

Joseph E. Parrillo, M.D.

4:15 - 4:45 **Bedside Diagnosis and Management of Septic Shock**

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

4:45 - 5:15 **Implanted Devices for Managing Chronic Heart Failure**

Nora F. Goldschlager, M.D.

THURSDAY, MAY 21, 2009

8:00 - 10:00 a.m.

Time Period 19

PLENARY SESSION

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

CELEBRITY BALLROOM

8:00 - 8:30 **Management of Immunological Crises with Plasmapheresis and Immunoglobulins**

William T. Browne, M.D.

8:30 - 9:00 ETHICS AND PRACTICE

† End-of-Life Care

Mitchell M. Levy, M.D.

9:00 - 9:30 **Goal Directed Therapy Revisited**

Emanuel P. Rivers, M.D., MPH

9:30 - 10:00 **Combining Red Cells with Plasma and Platelets for Management of Hemorrhagic Shock**

John B. Holcomb, M.D.

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

10:15 - 11:05 a.m.

Time Period 20

MINI-COURSES

CELEBRITY A - UPDATE 2009

Facilitating Bedside Implementation of Newer Discoveries: The Challenge of Knowledge Transfer

Mitchell M. Levy, M.D.

CELEBRITY E

Hemodynamic Optimization for Management of Shock States: I - Concepts Relating to Etiology and Mechanisms

Emanuel P. Rivers, M.D., MPH

AMBASSADOR 4

Managing Circulatory Shock on Arrival in the Emergency Department

David A. Talan, M.D.

AMBASSADOR 5

Management of Pulmonary Hypertension

Peter J. Papadakos, M.D.

CELEBRITY F

Complications of Urethral Catheterizations - *Kandis K. Rivers, M.D.*

THURSDAY, MAY 21, 2009

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

Time Period 21

MINI-COURSES

CELEBRITY A - UPDATE 2009

Prophylactic Antibiotics

David M. Talan, M.D.

CELEBRITY E

Increasing the Efficiency of the Delivery of Critical Care Services

Mitchell M. Levy, M.D.

AMBASSADOR 4

Continuous Renal Replacement Therapy

Peter J. Papadakos, M.D.

AMBASSADOR 5

Management of the Acutely Ill Obstetrical Patient

Susan Dantoni, M.D.

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

1:15 - 2:05 p.m.

Time Period 22

MINI-COURSES

CELEBRITY A - UPDATE 2009

Lessons Learned from the War in Iraq: Experience with Civilian Mass Casualties

John B. Holcomb, M.D.

CELEBRITY E

Hemodynamic Optimization for Management of Shock States: II - Concepts Relating to Etiology and Mechanisms

Emanuel P. Rivers, M.D., MPH.

AMBASSADOR 4 - CASE STUDIES

Case Studies on Malpractice in the Emergency Department with Special Reference to Community Acquired Infection

David A. Talan, M.D.

AMBASSADOR 5

Urinary Tract Obstruction Complicated by Systemic Infection

Kandis K. Rivers, M.D.

2:05 - 2:20 p.m. COFFEE BREAK - FOYER

THURSDAY, MAY 21, 2009

2:20 - 3:50 p.m.

Time Period 23

PLENARY SESSION

Presiding: Eric C. Rackow, M.D.

CELEBRITY BALLROOM

2:20 - 2:50 †† **Special Considerations in the Care of the Critically Ill Geriatric Patient**

William T. Browne, M.D.

2:50 - 3:20 **“Decision Assist” - Algorithms to Facilitate Triage of Traumatically Injured Patients**

John B. Holcomb, M.D.

3:20 - 3:50 **Organizing and Instituting Programs for Management of Sepsis**

Emanuel P. Rivers, M.D., MPH

3:50 p.m. Adjourn

ETHICS AND PRACTICE - Sessions comply with the requirements of some medical licensing authorities for one or more hours of medical ethics each year.

Pain and End-of-life Care - Sessions comply and are marked with a †.

Geriatric Critical Care - Sessions comply and are marked with a ††.

FACULTY

Course Organizing Committee

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Wanchun Tang, M.D.

Professor, President, and Chief Scientific Officer
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Northwestern University
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José Besso, M.D.

Department of Intensive Care
Hospital Centro Medico de Caracas
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*President, World Federation of Societies of Intensive
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Providence, Rhode Island
President-elect, Society of Critical Care Medicine

Dennis G. Maki, M.D.

Ovid O. Meyer Professor of Medicine
Head, Section of Infectious Diseases
Attending Physician, Center for Trauma and Life Support
University of Wisconsin School of Medicine
Madison, Wisconsin

Peter J. Papadakos, M.D.

Professor of Anesthesiology, Surgery, and Neurosurgery
Director, Division of Critical Care Medicine
University of Rochester School of Medicine
Rochester, New York

Joseph E. Parrillo, M.D.

Professor of Medicine
Robert Wood Johnson Medical School
University of Medicine and Dentistry of New Jersey
Chief of Medicine
Director of the Cooper Heart Institute
Camden, New Jersey

Michael Potter, EMT-P

Director of Community Education Programs
Weil Institute of Critical Care Medicine
Rancho Mirage, California

Giuseppe Ristagno, MD

Assistant Professor
Weil Institute of Critical Care Medicine
Rancho Mirage, California

Emanuel P. Rivers, M.D., MPH

Vice Chairman and Director of Research
Department of Emergency Medicine
Henry Ford Hospital
Detroit, Michigan

Kandis K. Rivers, M.D.

Urologist
Henry Ford Hospital
Detroit, Michigan

Charles L. Sprung, M.D.

Professor of Medicine
The Hebrew University of Jerusalem
Director, General Intensive Care Unit
Department of Anesthesiology and Critical Care Medicine
Hadassah Hebrew University Medical Center
Jerusalem, Israel

Ian G. Stiell, M.D.

Professor and Chair
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University of Ottawa
Ottawa, Ontario, Canada

David A. Talan, M.D.

Professor of Emergency Medicine
David Geffen School of Medicine
University of California, Los Angeles
Los Angeles, California

Jean-Louis Vincent, M.D., Ph.D.

Professor of Intensive Care
Free University of Brussels
Head, Department of Intensive Care
Erasmus University Hospital
Brussels, Belgium

Janice L. Zimmerman, M.D.

Head, Critical Care Division and
Director, Medical Intensive Care Unit
The Methodist Hospital
Houston, Texas

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

D. J. Green, M.D.

Clinical Assistant Professor of Surgery
Navy Trauma Training Center
LAC+USC Medical Center

Kenji Inaba, M.D.

Assistant Professor of Surgery

Philip D. Lumb, M.B.

Professor and Chairman
Department of Anesthesiology
*Past President, World Federation of Societies of Intensive
and Critical Care Medicine*

David S. Plurad, M.D.

Clinical Assistant Professor of Surgery
Director, Navy Trauma Training Center
LAC+USC Medical Center

COURSE INFORMATION

DATES

Pre-course - Sunday, May 17, 2009. **Pre-registration is required.**
4-Day Symposium - Monday through Thursday, May 18-21, 2009.

COURSE 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

Register online at www.peopleware.net/0128 and select course #2480.

On-site Course Registration Sunday, May 17, and Monday, May 18, 2009 beginning at 7:00 a.m.

All registrations will be confirmed by email; please provide email address.

PLACE: WESTIN MISSION HILLS, RANCHO MIRAGE, CALIFORNIA

71-333 Dinah Shore Drive, Rancho Mirage, CA 92270

Telephone 800-335-3545 room reservations; 760-328-5955 general information

SLEEPING ROOM RESERVATIONS

To obtain the USC group rate, call and mention the USC Weil Symposium on Critical Care and Emergency Medicine, or mail the Hotel Registration Form (page 22) with one night's deposit (check or credit card, including tax). **Room rates:** \$185 per night, single or double occupancy, plus taxes, currently 10.065%. **Room block expires April 24, 2009. Register early, block may be filled before the cut off date.**

TUITION 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.

ABSTRACT SUBMISSION: Abstracts are invited for possible oral or poster presentation; see details at <http://www.weiliccm.org/symposium/index.html>

SYLLABUS / PROCEEDINGS: Course proceedings (Syllabus) will be provided to all registrants on CD at on-site check in. To receive a print version, you must order in advance for an additional fee of \$60.

SPECIAL NEEDS: Advance notice of special needs for physically challenged participants is requested by May 1, 2009.

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 *AMA PRA Category 1 Credits*[™]. Physicians should only claim credits commensurate with the extent of their participation in the activity.

Four-day symposium (Monday-Thursday) up to 27 hours*
Sunday Pre-Course plus four-day symposium (Sunday-Thursday) up to 35 hours*
*exclusive of optional meal programs

In addition, AMA PRA Category 1 credit is designated for international registrants, nurses, and allied health professionals.

HOTEL REGISTRATION FORM

MAIL: **Westin Mission Hills**
71-333 Dinah Shore Drive
Rancho Mirage, CA 92270

or CALL 1-800-335-3545

or FAX 760-770-2199

For: USC Weil Symposium on Critical Care & Emergency Medicine
May 17-21, 2009

Rate: **\$185.00**, single or double, plus taxes, currently 10.065%.

Name _____
Last First

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Please reserve the following: One bed Two beds
 Smoking Non-smoking

No. of Guests _____ Deposit Amt. _____

Arrival Date _____ Departure Date _____

Arrival Time _____

Credit Card # _____ Exp date: _____

Signature _____

Room rate includes parking, local phone calls (60 minutes), toll-free calls (60 minutes), in-room internet access, tennis courts and fitness center access, in-room coffee, tea and hot chocolate. The usual resort fee has been waived for this group, but all benefits of the resort fee are included.

To secure this rate, make reservations no later than April 24, 2009. Room rate is in effect 3 days prior to and 3 days after the meeting, subject to room availability. A 3rd person in the room requires an additional per-night charge of \$35 + taxes. No additional charge for children under 18 in the same room as their parents.

COURSE APPLICATION

#2480 Critical Care and Emergency Medicine

May 17-21, 2009

Name _____

Please print: Last First Degree

Medical/RN Lic # _____ Specialty _____

Phone () _____ FAX () _____

Address _____

City _____ State _____ Zip _____

E-mail _____

Program Options	Physician	Military ¹ Physician	RN, Res/Fell ¹ or Allied	Military ¹ RN or Allied
4 Day Program + Full Day ACLS Workshop <i>(limited registration)</i>	<input type="checkbox"/> \$1095 <input type="checkbox"/> Provider <input type="checkbox"/> Instructor	<input type="checkbox"/> \$910 <input type="checkbox"/> Provider <input type="checkbox"/> Instructor	<input type="checkbox"/> \$845 <input type="checkbox"/> Provider <input type="checkbox"/> Instructor	<input type="checkbox"/> \$755 <input type="checkbox"/> Provider <input type="checkbox"/> Instructor
4-Day Program + Two Half-day Workshops Select TWO (2) (all workshops have limited space) <input type="checkbox"/> Airway Management & Mechanical Ventilation <input type="checkbox"/> Techniques of Renal Replacement Therapy <input type="checkbox"/> Percutaneous Gastrostomy, Thoracostomy.... <input type="checkbox"/> Critical Care Ultrasound	<input type="checkbox"/> \$1095	<input type="checkbox"/> \$910	<input type="checkbox"/> \$845	<input type="checkbox"/> \$755
4 Day Program²	<input type="checkbox"/> \$795	<input type="checkbox"/> \$610	<input type="checkbox"/> \$555	<input type="checkbox"/> \$500
Printed Syllabus-optional³	<input type="checkbox"/> \$60	<input type="checkbox"/> \$60	<input type="checkbox"/> \$60	<input type="checkbox"/> \$60

 CHECK (payable to USC) VISA MASTERCARD

Card Number _____ Expir. date _____

Authorized signer _____ Amt. \$ _____

¹ 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.² Does not include Pre-course (Sunday, May 17)³ Syllabus (Proceedings) will be provided on CD on site at no additional cost. See pg. 21.**Please mail check** made payable to University of Southern California with this application form to Office of CME, Keck School of Medicine, University of Southern California, 1975 Zonal Avenue, KAM 317, Los Angeles, CA 90033-1039.**Register by telephone:** 323-442-2555 or 800-USC-1119, or **FAX** credit card registration to 323-442-2152, or 888-665-8650 (toll free). Register online at www.peopleware.net/0128 and select course #2480.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. Visit our web site: www.usc.edu/cme.**All registrations will be confirmed by email; please provide email address.**

47th Annual USC Weil Symposium on Critical Care and Emergency Medicine

Westin Mission Hills, Rancho Mirage, California
Sunday, Monday, Tuesday, Wednesday, and Thursday
May 17-21, 2009

NEW DATE! NEW LOCATION!

*In collaboration with the World Federation of Societies
of Intensive and Critical Care Medicine*

Endorsed by:

Society of
Critical Care Medicine
The Intensive Care Professionals

*Australian and New Zealand Intensive Care Society
A.P.I.C.E. International Symposium on Critical Care Medicine
Brussels International Symposium on Intensive Care & Emergency Medicine
Chinese Medical Association
Chinese Society of Critical Care Medicine
Eisenhower Medical Center
Mediterranean School of Critical Care*