

COURSE DESCRIPTION

In the rapidly changing and diverse field of critical care medicine, it is difficult to know what information can be a game changer. This course will present the cutting edge topics in critical care where new information and innovative technologies are changing the practice models in our ICUs today. These presentations will be given by nationally acclaimed experts in their respective areas.

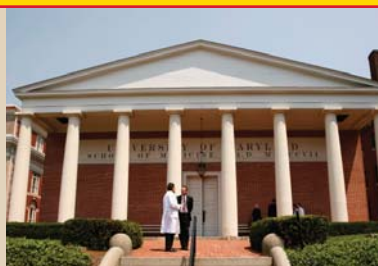
TARGET AUDIENCE

Recommended Audience: Physicians, Fellows, Residents, Physician Assistants, Nurse Practitioners, Nursing and Allied Health Professionals working in the field of Critical Care Medicine.

LEARNING OBJECTIVES

At the conclusion of this course, participants should be able to :

- Define severe cardiovascular and pulmonary failure and the use of mechanical device support as an adjunct to care
- Explain the components of early goal directed therapy in severe sepsis and septic shock
- Review the components of early goal directed therapy in sepsis in light of recent literature
- Have a discussion of assessment of adequacy of perfusion
- Identify adjuncts for toxin removal and replacement therapy
- Explain the concept of humanism and its relevance to patient care



AGENDA

7:00 – 8:00 am	Registration/Vendor Time
8:00 – 8:15 am	Welcome/Opening Remarks Marc Zubrow, MD FACP, FCCP, FCCM Thomas Scalea, MD, FACS, MCCM
8:15 – 9:00 am	“Early Goal Directed Therapy in Severe Sepsis and Septic Shock: Concept, Components, and Outcomes Over a Decade Later” Emanuel Rivers, MD, MPH, IOM
9:00 – 9:45 am	“Severe Cardiovascular and Pulmonary Failure; Are Mechanical Devices the Answer?” Daniel L. Herr, MD, MS, FCCM
9:45 – 10:00 am	Break
10:00 – 10:45 am	“Advances in the Treatment of Post-Cardiac Arrest Syndrome” Stephen Trzeciak, MD, MPH
10:45 – 11:45 am	Discussion Time: Open Access to the Experts. Emanuel Rivers, MD, MPH, IOM; Daniel L. Herr, MD, MS, FCCM; Stephen Trzeciak, MD, MPH; and Marc Zubrow, MD FACP, FCCP, FCCM
11:45 am – 1:00 pm	Lunch and Keynote Address “Humanistic Care in a High Tech Environment: Is it Possible and How Does it Look?” Thomas Scalea, MD, FACS, MCCM
1:00 pm – 1:45 pm	“Pain, Analgesia, Delirium; What’s Next?” Richard Riker, MD, FCCM
1:45 – 2:00 pm	Break
2:00 – 2:30 pm	“Critical Care Ultrasound; Where is the Wave Taking Us?” Sarah Murthi, MD, FACS
2:30 – 3:00 pm	“To Chill or Not to Chill...and Other Neuro-protective Critical Care” Neeraj Badjatia, MD, MS, FCCM
3:00 – 3:30 pm	“Alphabet Soup: MARS, CRRT, SCUF...Toxin Removal and Replacement Therapy” Deborah Stein, MD, MPH, FACS
3:30 – 4:00 pm	Closing Remarks/Course Evaluations



Emanuel P. Rivers, MD, MPH, IOM
Vice Chairman and Research Director, Dept. of Emergency Medicine
Attending Staff, Emergency Medicine and Surgical Critical Care, Henry Ford Hospital
Clinical Professor, Wayne State University
Detroit, Michigan

Dr. Rivers is a national and international research award recipient. He was the first physician in the history of Henry Ford Hospital to be inducted into the Institute of Medicine, National Academy of Sciences and has been called to serve on task forces to advise the United States government on health care issues. Dr. Rivers has published extensive work in the field of shock, sepsis, and resuscitation. Dr. Rivers serves as Vice Chairman and Director of Research for the Department of Emergency Medicine. He is a Senior Staff Attending Physician in the Critical Care Unit and the Emergency Department at Henry Ford Hospital in Detroit, Michigan.

Thomas M. Scalea, MD, FACS, MCCM
Francis X. Kelly Professor of Trauma Surgery
Physician in Chief
Director, Program in Trauma
R Adams Cowley Shock Trauma Center
Baltimore, Maryland



Dr. Scalea is the Physician-in-Chief at the R Adams Cowley Shock Trauma at the University of Maryland, the nation's only freestanding trauma hospital. He became the first medical school endowed Professor of Trauma, when he was appointed the Francis X. Kelly Professor of Trauma Surgery. Dr. Scalea also serves as the System Chief for Critical Care Services at the University of Maryland Medical System. Recently, Dr. Scalea was selected as Master of Critical Care Medicine by the Society of Critical Care Medicine.



Richard R. Riker, MD, FCCM
Professor of Medicine
Tufts University School of Medicine
Neuroscience Institute and Department of Critical Care Medicine
Maine Medical Center
Portland, Maine

Dr. Riker is Professor of Medicine at Tufts University School of Medicine in the Neuroscience Institute and Department of Critical Care Medicine at Maine Medical Center in Portland. Dr. Riker has been honored for teaching excellence from the Departments of Medicine and Family Practice and has received a best research presentation award from the Society of Critical Care Medicine. He co-authored the 2002 Clinical Practice Guidelines for Sedation and Analgesia in the ICU from the Society of Critical Care Medicine. He is a reviewer for Critical Care Medicine, Chest, Clinical Intensive Care, and the Journal of Intensive Care Medicine.

COURSE DIRECTOR

Marc T. Zubrow, MD, FACP, FCCP, FCCM
Associate Professor of Medicine
Medical Director eCare
University of Maryland Medical Center

ADDITIONAL COURSE FACULTY

Daniel L. Herr, MD, MS, FCCM
Associate Professor
R Adams Cowley Shock Trauma Center,
University of Maryland Medical Center

Neeraj Badjatia, MD, MS, FCCM
Associate Professor
R Adams Cowley Shock Trauma Center,
University of Maryland Medical Center

Deborah Stein, MD, MPH, FACS
Associate Professor, Department of Surgery
Chief of Trauma
Director of Neurotrauma, Critical Care
R Adams Cowley Shock Trauma Center,
University of Maryland Medical Center

Steven W. Trzeciak, MD, MPH
Head of Critical Care Medicine
Associate Professor of Medicine
Cooper University Health Care

Sarah B. Murthi, MD, FACS
Assistant Professor
R Adams Cowley Shock Trauma Center,

Accreditation

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

Credit Statement

The University of Maryland School of Medicine designates this Live activity for a maximum of 6.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Faculty Disclosure

It is the policy of the University of Maryland School of Medicine to ensure balance, independence, objectivity, and scientific rigor in all of its educational activities. In accordance with this policy, all persons in a position to control activity content of continuing medical education activities must disclose their financial relationships with commercial interests relevant to the content of the CME activity. Any conflicts of interest identified must be resolved prior to presentation of the educational activity.

ADA Statement

If you require special accommodations to attend or participate in this CME Activity, please provide information about your requirements to Althea Pusateri 410-706-3957 OR (1-800-735-3358) TTY Voice at least ten business days in advance of the activity.

Registration Cancellation Policy

If you must cancel, please notify Althea Pusateri in writing by September 10, 2014. An administrative fee of \$25.00 will be retained on all refunds which will be processed only after written notice is received. Cancellations received after September 17, 2014 are non-refundable.

NOTE

The University of Maryland School of Medicine reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, the University of Maryland School of Medicine will refund only the registration and is not responsible for any related hotel accommodations or travel expenses.

REGISTRATION FORM GAME CHANGERS AND NEW INNOVATIONS IN CRITICAL CARE

Friday, September 19, 2014

Online Registration Preferred
(please register by September 17, 2014):
[url??](#)

First Name	MI	Last Name	Degree
Complete Mailing Address			
City	State	Zip	
()	Business Telephone		
E-Mail Address			

REGISTRATION FEE

Before August 19, 2014:
Physicians (MD, DO, PA) - \$150; Other Healthcare Professionals/Trainees - \$100

After August 19, 2014:
Physicians (MD, DO, PA) - \$175; Other Healthcare Professionals/Trainees - \$125

Total Amount Enclosed \$ _____

Please make checks payable to: **University of Maryland**

Or you may pay by Mastercard or Visa

Cardholder's Name (PRINT CLEARLY) _____ Expiration Date _____

Signature _____ Date _____

Please mail, fax, or email your completed registration form to:

Althea Pusateri
University of Maryland School of Medicine
655 W. Baltimore Street, BRB. 14-012 BRB
Baltimore, MD 21201

apusateri@som.umaryland.edu
Fax: 410-706-3103

If mailing registration, please send no later than September 7, 2014

WELCOME TO BALTIMORE!

GAME CHANGERS AND NEW INNOVATIONS
IN CRITICAL CARE

See what all of the excitement is about!

Watch the Orioles play at the fabulous Camden Yards or take in a show at the famous Hippodrome Theater. Take a guided tour around historic Fells Point, just one of the nifty neighborhoods that showcase Baltimore's local flavor. Say hello to the newest members of the lion family at the Maryland Zoo in Baltimore.

The Baltimore Hilton is located within walking distance to Baltimore's Inner Harbor, the Maryland Science Center and IMAX Theater, the National Aquarium, Pier Six concert pavilion, world-famous museums, fashionable shopping, and world-class dining. Visit Fort McHenry, a national historic site where Francis Scott Key brought to life our National Anthem. Or visit Annapolis, the capital of Maryland, less than an hour's drive away and home to dozens of historic sites, funky shops, and great seafood.

To see what's happening in and around Baltimore while here for the conference, please visit www.baltimore.org.



Conference Location: The Baltimore Hilton, 401 West Pratt Street, Baltimore, Maryland, 21201. The Hilton Baltimore is located one block west of the Convention Center stop on the Light Rail.

Driving Directions:

From the North or South: Follow 1-95 to exit 52 (Russell Street). Turn right onto Pratt Street and the hotel entrance will be immediately on your right.

From 1-83: Follow 1-83 (Jones Falls Expressway) to Lombard Street. Take a right on Lombard Street, then a left on Green Street. Take a left on Pratt Street. The hotel will be two blocks on the right.

Hotel Parking Garage:

A discounted rate will be provided to conference attendees who are in before 9:00 am and out before 5:00 pm.



Presents

GAME CHANGERS AND NEW INNOVATIONS IN CRITICAL CARE

FRIDAY, SEPTEMBER 19, 2014

A CME SYMPOSIUM

Sponsored by University of Maryland School of Medicine



Location:
The Baltimore Hilton
401 West Pratt Street
Baltimore, Maryland 21201