



**EMERGENCY**

*The Duke University  
School of Medicine  
and the American  
Heart Association  
jointly present:*

**Emergency  
Cardiovascular  
Care 2012:  
Regional Systems  
Development**

**May 11-12, 2012  
OMNI Hotel • Atlanta, GA**



EMERGENCY

## Emergency Cardiovascular Care 2012: Regional Systems Development

**Statement of Need:** Despite over 20 years of evidence-based therapies, the majority of victims of cardiovascular emergencies (myocardial infarction, cardiac arrest, and stroke) do not receive timely or effective therapy. Cardiovascular disease is the #1 killer of Americans, claiming more lives per year than cancer, accidents and chronic lower respiratory disease **combined**. There is a need to enhance healthcare professionals' knowledge and understanding of the diagnosis, treatment and management of cardiovascular emergencies within a regional system of care. This will require a multi-disciplinary approach to the continuum of care and allocation of both personnel and fiscal resources.

### Target Audience:

This activity is designed for the benefit of emergency medicine physicians and cardiologists, nurses and advanced practice nurses, physician assistants, EMS medical directors, paramedics, hospital administrators, and quality improvement personnel.

If you currently manage, treat or coordinate the care of STEMI or cardiac arrest patients and are seeking to enhance and improve patient care or develop a system or regional system of care, this educational program is for you.

In its 11th year, the Emergency Cardiovascular Care Conference will provide the most recent updates on ways to improve survival outcomes for patients and enhance STEMI systems of care. This innovative and provocative program will allow participants to interact with national experts who will present the latest evidence-based strategies and, more importantly, the tools for multidisciplinary teams to improve patient care.

During this interactive two-day course, the conference will present real world examples of successful interventions, and focus on common barriers, opportunities, and approaches to organizing hospitals, emergency medical services, and providers. Attendees will participate in stimulating case-based discussions and workshops that focus on key topics including:

- Measurement and Feedback of STEMI Care
- Optimizing the Utilization of Prehospital ECG
- Establishment of Regional STEMI Systems
- Management of STEMI and Percutaneous Coronary Intervention Issues (PCI)
- Establishing Improved Emergent Response to Cardiac Arrest and Hypothermia Protocols

### Learning Objectives:

The goal of this activity is to improve competency of the healthcare team in the health system, intervention, and management of emergency cardiovascular patients.

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

- 1) Identify the components of a successful emergency cardiovascular care system.
- 2) Establish a care team of stakeholders and have competence and ability to build, administer, evaluate, and continually improve regional STEMI systems.
- 3) Build and/or enhance a regional integrated system for STEMI reperfusion that includes EMS, emergency medicine and cardiology in PCI and non-PCI centers.
- 4) Employ optimal systems and strategies for diagnosis and management of STEMI, including destination and transfer protocols based on clinical trials evidence, practice guidelines, and quality of care standards.
- 5) Describe existing successful STEMI regional plans that are pertinent to a wide array of geographical and political realities.
- 6) Identify collaborative solutions to overcome existing barriers to coordinated regional STEMI care.
- 7) Establish training of paramedics and emergency medicine nurses in ECG interpretation and other functions related to STEMI systems.
- 8) Discuss pros and cons of the current system practices
- 9) Recognize the importance and use of data collection, analyses, and feedback, including use of ACTION-GWTG.
- 10) Identify available tools to provide feedback for necessary quality improvement for STEMI care.
- 11) Develop expertise in the acute treatment of cardiovascular emergencies including myocardial infarction, cardiac arrest, and stroke.

# Agenda

## Friday, May 11, 2012

- 12-1:30 pm Registration
- 1:30 Welcome and Opening Remarks
- 1:40 Testimonial for STEMI Care:  
A System that Works: Dallas, Texas
- 2:00 National STEMI and Cardiac Arrest  
Systems of Care / Mission: Lifeline /  
Heart Rescue: What is Hot with Cold?
- 2:20 National STEMI Systems of Care:  
Targets for Regional Intervention
- 2:40 Great Debates and Expert Panel with Q&A:  
How Far is too Far for Primary PCI?
- 3:10 Break / Poster Sessions
- 3:30 Workshops – Session 1**  
A) Funding and Resourcing Regional Systems  
B) Implementing Systems of Care 101  
C) Implementing Data / ACTION-GWTG  
Registry  
D) D1) Practicum: Pre-hospital Cardiac Arrest  
System / Resuscitation / Hypothermia
- 4:45 Workshops – Session 2**  
A) Funding Regional Systems Funding and  
Resourcing Regional Systems  
B) Implementing systems of care 101  
C) Implementing Data / ACTION-GWTG  
Registry  
D) D2) Practicum: Pre-hospital Cardiac Arrest  
System / Resuscitation / Hypothermia
- 5:45 New PCI and STEMI Guidelines and  
Implications for Systems
- 6:15 pm Adjourn, Networking Reception / Poster Sessions

## Saturday, May 12, 2012

- 7:00 am Continental Breakfast
- 7:30 Demonstration Project Meeting
- 8:00 Welcome and Overview for Day 2
- 8:10 Outcomes Research and Quality:  
How It Fits for AMI
- 8:30 STEMI Update  
New Therapies and Acute Myocardial Infarction  
(2012 Update)  
P2Y12 Antagonists  
Novel Oral Anticoagulants
- 8:50 Expert Panel with Q&A
- 9:00 STEMI System Development Consultations
- 10:15 Break
- 10:30 Workshops – Session 3**  
A) Data solutions: Optimizing Measurement  
and Feedback 201  
B) How EMS Agencies Can Implement a  
Regional Plan 202  
C) How to Implement Regional Plan with  
Competing Hospitals 203  
D) D3) Practicum: Regional Stroke Care/  
Reperfusion for Acute Ischemic Stroke
- 12:00 pm Lunch
- 12:30 Workshops – Session 4**  
A) Data solutions: Optimizing measurement  
and Feedback 201  
B) How EMS Agencies Can Implement a  
Regional Plan 202  
C) How to Implement Regional Plan with  
Competing Hospitals 203  
D) D4) Practicum: Regional Stroke Care/  
Reperfusion for Acute Ischemic Stroke
- 2:15 p.m. Top 10 System Pearls for Success & Panel  
Discussion/Q&A: How to Successfully Move  
Forward with Regional Organization in Your Area
- 3:15 p.m. Adjourn

*Opportunities for Q&A will be provided at the conclusion of each presentation.*



# Program Co-Directors & Invited Faculty

## Program Co-Directors:

### **Christopher B. Granger, M.D., F.A.C.C.**

Professor of Medicine, Duke University  
Director, Cardiac Care Unit, Duke University Medical Center  
Durham, North Carolina

### **James G. Jollis, M.D., F.A.C.C.**

Professor of Medicine and Radiology, Duke University,  
Cardiologist, Duke University Medical Center  
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### **Ms. Mayme Lou Roettig, R.N., M.S.N.**

Assistant Director, Center for Educational Excellence  
Director, Systems Education  
Duke Clinical Research Institute/Duke University  
Durham, North Carolina

## Invited Faculty:

### **Peter B. Berger, M.D., F.A.H.A., F.A.C.C.**

Vice Chairman, Cardiology  
Associate Chief Research Officer  
Director, Geisinger Center for Clinical Studies  
Geisinger Health System  
Danville, Pennsylvania

### **Claire Corbett, M.M.S, N.R.E.M.T.-P.**

AMI and Stroke Programs Manager  
New Hanover Regional Medical Center  
Wilmington, North Carolina

### **Harold L. Dauerman, M.D., F.A.H.A., F.A.C.C., F.S.C.A.I.**

Professor of Medicine, University of Vermont  
Director, Cardiovascular Catheterization Laboratories,  
Fletcher Allen Health Care  
Burlington, Vermont

### **Loni Denne, R.N., B.S.N.**

Senior Director, Mission: Lifeline  
Southwest Affiliate, American Heart Association  
Austin, Texas

### **Christopher B. Granger, M.D., F.A.H.A., F.A.C.C.**

Professor of Medicine, Duke University  
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### **Timothy Henry, M.D., F.A.H.A., F.A.C.C.**

Professor of Medicine, University of Minnesota  
Director of Research, Minneapolis Heart Institute Foundation  
Minneapolis, Minnesota

### **James G. Jollis, M.D., F.A.C.C.**

Professor of Medicine and Radiology, Duke University  
Cardiologist, Duke University Medical Center  
Durham, North Carolina

### **Ivan C. Rokos, M.D., F.A.C.E.P., F.A.H.A., F.A.C.C.**

Assistant Clinical Professor, Geffen School of Medicine at UCLA  
Emergency Medicine Physician  
Los Angeles, California

### **Ms. Mayme Lou Roettig, R.N., M.S.N.**

Assistant Director, Center for Educational Excellence  
Director, Systems Education  
Duke Clinical Research Institute/Duke University  
Durham, North Carolina

### **Michael Sayre, M.D., F.A.C.E.P., F.A.H.A.**

Associate Professor of Emergency Medicine  
The Ohio State University  
Columbus, Ohio

### **Stephanie Starling R.N., M.H.A., B.S.N.**

Director of Nursing for Cardiac and Vascular Services  
Novant Health- Forsyth Medical Center  
Winston-Salem, North Carolina

### **Henry H. Ting, M.D., M.B.A.**

Professor of Medicine  
Director for Mayo Clinic Quality Academy  
Associate Dean for Quality  
Mayo Clinic College of Medicine  
Rochester, Minnesota

### **B. Hadley Wilson, M.D., F.A.C.C.**

Chief Cardiology, Sanger Heart & Heart Vascular Institute  
Clinical Professor of Medicine  
UNC School of Medicine  
Charlotte, North Carolina



**Disclosure**

The Duke University School of Medicine adheres to ACCME Essential Areas, Standards, and Policies regarding industry support of continuing medical education. Disclosure of the planning committee and faculty's commercial relationships will be made known at the activity. Speakers are required to openly disclose any limitations of data and/or any discussion of any off-label, experimental, or investigational uses of drugs or devices in their presentations.

**Planning Committee/Faculty Disclosure**

The disclosures for speakers and/or planning committee members are available at <https://cee.dcri.duke.edu/current-projects>.

**Resolution of Conflicts of Interest**

In accordance with the ACCME Standards for Commercial Support of CME, the Duke University School of Medicine will implement mechanisms, prior to the planning and implementation of this CME activity, to identify and resolve conflicts of interest for all individuals in a position to control content of this CME activity.

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The information provided at this CME activity is for continuing education purposes only and is not meant to substitute for the independent medical judgment of a healthcare provider relative to diagnostic and treatment options of a specific patient's medical condition.

**Commercial Support Acknowledgement**

This CME activity is supported by educational grants. A complete list of supporters will be published in the course syllabus.

**Accreditation**

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the Duke University School of Medicine and the American Heart Association. The Duke University School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

**Credit Designation**The logo for the Duke University School of Medicine, featuring a stylized 'D' and 'U' in blue and white, followed by the text 'Duke University School of Medicine' in blue.

The Duke University School of Medicine designates this live meeting for a maximum of 9.5 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**How to Receive Credit:**

In order to receive CME credit, participants must sign-in, review the CME information (accreditation, learning objectives, faculty disclosures, pre-test, post-test, etc.), and attend the CME activity. Participants should also complete the attestation form and return it to the appropriate representative following the CME activity. An on-line evaluation survey will be e-mailed to each participant subsequent to the activity.

**Staff and Content Validation Reviewer Disclosure**

The staff involved with this activity and any content validation reviewers of this activity have reported no relevant financial relationships with commercial interests.

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Duke School of Medicine requires CME faculty (speakers) to disclose to attendees when products or procedures being discussed are off-label, unlabeled, experimental, and/or investigational (not FDA approved); and any limitations on the information that is presented, such as data that are preliminary or that represent ongoing research, interim analyses, and/or unsupported opinion. This information is intended solely for continuing medical education and is not intended to promote off-label use of these medications. If you have questions, contact the medical affairs department of the manufacturer for the most recent prescribing information. Faculty will not be discussing information about pharmaceutical agents that is outside of U.S. Food and Drug Administration approved labeling.

 **To register online, click here.**  
**Registration deadline is April 10, 2012.**

# General Information

## Conference Dates:

May 11-12, 2012

## Conference Venue:

Omni Atlanta  
190 Marietta Street/CNN Center  
Atlanta, GA 30303

## Registration Fee:

\$300 Physicians  
\$200 Non-Physicians

## Registration Fee Covers:

Tuition, continental breakfast,  
lunch, syllabus

## Registration Deadline:

April 10, 2012

## How to Register:

REGISTER ONLINE AT: <http://cmetracker.net/DUKE/Login?FormName=RegLoginLive&eventid=43513>

Walk-in registrations are welcome. For walk-ins, ONLY cash or credit cards will be accepted.

For any questions or assistance with registration please contact Brandie Jones at 919-401-1215 or email us at [cme@mc.duke.edu](mailto:cme@mc.duke.edu)

## Cancellation Policy:

A written notice of cancellation must be received 14 days prior to the start of this activity for a refund. 10% of the registration fee will be assessed for processing cancellations if there are less than 14 days before the event.

## Special Needs Statement:

The Duke University Department of Medicine and the American Heart Association are committed to making its activities accessible to all individuals. If you are in need of an accommodation, please do not hesitate to call and/or submit a description of your needs in writing in order to receive service.

## Lodging Information:

OMNI Hotel at CNN Center  
100 CNN Center  
Atlanta, GA 30303  
Reservations: 404-659-0000  
Reserved Dates: May 10-11, 2012  
Special Rate: \$210  
Room Cut-Off Date: April 10, 2012

The Omni Hotel at CNN Center welcomes attendees of the Emergency Cardiovascular Care Conference. Special rates have been arranged for your stay. All bookings for group attendees may be made by calling 404-659-0000. Please mention you are attending the Emergency Cardiovascular Care Conference to receive your special negotiated rate. **You must book your reservation by April 10, 2012 to receive this special rate.**

