Prehospital Cardiovascular, Stroke and Critical Care Updates: A Quarterly Symposium

Enrollment is limited. Early registration is encouraged.
Dates offered at www.mayo.edu/cme/
- select Emergency Medicine

Quarterly sessions are available.
Attend only one session per quarter for 6 hours of CEU (EMT / Paramedic)

Mayo School of Continuous Professional Development
College of Medicine       www.mayo.edu
COURSE HIGHLIGHTS
This quarterly symposium, entitled “Prehospital Cardiovascular, Stroke and Critical Care Updates” is a one-day intensive program designed to provide current EMS case studies of STEMI, stroke, resuscitation, special topics and infrequent skills/calls. The program, intended for paramedics, is a forum for providers of all levels to interact and provide a medium for strengthening the continuous quality improvement (CQI) process. The course will involve six different sessions throughout the day, including lecture, skills and observation. Each session will be held on Mayo Clinic Hospital Campus – course confirmation email will denote actual location on campus.

COURSE LEARNING OBJECTIVES
Upon completion of this course, participants should be able to:

• Explain how a multidisciplinary approach, using Mayo Clinic’s STEMI program (with Emergency Medicine and Cardiology) can improve patient outcomes.

• Identify how stroke patients can benefit from the organization of a Stroke Team (with assistance from Neuroradiology and Neurology).

• Explain current resuscitation science updates/research (with input from Emergency Medicine and Critical Care).

• Describe on-going experience in Airway Management & Infrequent skills (with feedback from staff and faculty).

• Experience rotation through simulation lab and/or Angio lab.

DISCLAIMER
Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

CREDIT
The content of these sessions apply towards mandatory and flexible core content. Mayo Clinic Hospital, as a base station in the central region, will issue a record of attendance that denotes a breakdown of time dedicated to each topic.

EDUCATIONAL GRANTS
This course may be supported in part by educational grants, in accordance with ACCME standards. Appropriate acknowledgment will be given to all supporters at the meeting.
MAYO CLINIC FACULTY

Shari B. Dominguez, MD

Dr. Dominguez is a Senior Associate Consultant at Mayo Clinic. Areas of interest: Prehospital care and continuing education, pulmonary embolism, and detecting occult hip fractures.

Dr. Dominguez completed her medical training at the University of Arizona College of Medicine, Tucson, AZ; and residency training at Maricopa Medical Center, Phoenix, AZ; American Board of Emergency Medicine. Medical Director of Paramedic Program at PVCC.

F. David Fortuin, MD

Dr. Fortuin is an Assistant Professor of Medicine at Mayo Clinic. Areas of interest: percutaneous treatment of cardiovascular diseases, novel treatments for ischemic heart disease and STEMI.

Dr. Fortuin completed his medical training at Duke University in Durham, NC; residency training in Internal Medicine at Johns Hopkins in Baltimore, MD; fellowship training in Cardiology at University of California at San Francisco; and Interventional Cardiology, Scripps Clinic & Research Foundation San Diego, CA.

Bhavesh M. Patel, MD

Dr. Patel is an Assistant Professor of Medicine & Anesthesiology at Mayo Clinic. Areas of interest: include septic shock, vasopressin therapy, vascular access, and medical education.

Dr. Patel completed his medical training at University of Alberta in Alberta, Canada; residency training in Internal Medicine at the Mayo Clinic, Rochester, MN; and fellowship training in Critical Care Medicine, University of Vancouver, British Columbia, Canada.

FACULTY DISCLOSURE

As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of CPD) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, Faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.
Mayo Clinic STEMI Program

Mayo Clinic uses a multidisciplinary approach to treat heart attacks. Typically, patients progress through four phases of treatment. Each includes several members of the health care team.

- **Diagnosis:** prehospital and emergency department - fast diagnosis, preparation for treatment and rapid transfer to the cardiac catheterization laboratory (emergency department physicians and nurses)
- **Treatment:** Cardiac catheterization laboratory - cardiac angiogram and reperfusion with balloon dilation and/or stent placement (interventional cardiology).
- **Recovery:** Coronary Care Unit (CCU) - monitoring, evaluation and formulation of comprehensive, long-term rehabilitation plan (general cardiology, nurses, social workers, physical therapists, occupational therapists and spiritual leaders).
- **Rehabilitation:** Cardiovascular rehabilitation program - implementation of rehabilitation and cardiac health plan, long-term follow-up (preventive cardiologists, exercise physiologists, dietitians, nicotine-dependence counselors).

Mayo Clinic Stroke Program

At Mayo Clinic, specialists in vascular neurology, endovascular surgical neuroradiology, vascular neurosurgery, neurocritical care, physical medicine and rehabilitation, emergency medicine and other medical subspecialties work together to diagnose and determine the most appropriate treatment for stroke patients and those at risk for stroke.

Mayo’s experienced and highly trained physicians care for more than 4,000 patients with stroke or other cerebrovascular (the brain and the blood vessels that supply it) disorders each year. In Mayo’s unique system, physicians who are exceptionally skilled at diagnosing and caring for patients with stroke work as a team to recommend treatment programs that address the needs of the patient and family.

All three Mayo Clinic locations are certified as primary stroke centers by The Joint Commission. Certification recognizes centers that make exceptional efforts to foster better outcomes for stroke care. It signifies that the services provided have the critical elements to achieve long-term success in improving outcomes for stroke patients. The Joint Commission is a national organization devoted to improving the safety and quality of care provided to the public through the provision of health care accreditation.

Mayo Clinic, is ranked among the Best Hospitals for Neurology, Neurosurgery and Rehabilitation care by U.S. News & World Report.

Mayo Clinic Critical Care Medicine Program

Critical care medicine specialists provide dedicated, continuous care to critically ill patients who require advanced monitoring and care in the Intensive Care Unit setting. These specialists, trained in the care of critically ill patients, work closely with anesthesiologists, surgeons and other specialists in the hospital field.

Special areas of service include:

- Management of shock and cardiopulmonary resuscitation
- Respiratory failure
- Multisystem organ failure (including renal and hepatic)
- Sepsis (infection)
- Central nervous system crises
- Cardiac failure
- Transplantation
COURSE REGISTRATION FORM

Prehospital Cardiovascular, Stroke & Critical Care Quarterly Symposium
Mayo Clinic Hospital Campus
5777 East Mayo Boulevard, Phoenix, Arizona 85054

Please print or type all information. Duplicate form for multiple registrations.

To expedite registration, register online at http://www.mayo.edu/cme/ or fax this form with your credit card noted to (480) 301-8323; or mail to Mayo Clinic, Mayo School of CPD, 13400 East Shea Boulevard, Scottsdale, AZ 85259. For questions, please e-mail mca.cme@mayo.edu or call (480) 301-4580.

Your type of practice:
- EMT
- Paramedic
- RN
- RN/RT
- Resident/Fellow
- MD
- Other: ____________________________________________

Other:

Years in practice:
- 0-4
- 5-10
- 11-15
- 16-25
- > 25

Course Registrant List (Check Only If Desired)
- I do not want information (ie, name, degree, city, and state) to appear on the course registrants’ list (included within the course syllabus provided to all registrants, grantors, and exhibitors, but not guests).

Name/Degree/Certification

Organization

AZ Paramedic Certification Number National Registry Number

E-mail

Address

City State/Country Zip/Postal Code

Daytime Telephone Fax
( ) ( )

Check box if you have special needs or dietary requirements. If so, please indicate your needs here:

Registration available online.

Session Registration Fee: $ _______________________

Please indicate date(s) you wish to attend:

Please indicate form of payment below: (US Funds Only)
- Check enclosed (Please make checks payable to Mayo Clinic)
- Visa
- MasterCard
- Discover

Card Number Expire date (mo/yr)

Signature Date
PROGRAM
Each symposium will provide one (1) hour of:

• Cardiovascular STEMI Update/CQI
• Stroke Update/CQI
• Airway and Infrequent Skills
• Resuscitation Science Update
• Special Topics
• Simulation Lab or Angiogram Viewing

Dates of sessions, program and registration information is noted under the Emergency Medical section at www.mayo.edu/cme.

Actual meeting room and parking instructions will be denoted within your confirmation email.

REGISTRATION
Registration fees are denoted online at www.mayo.edu/cme under the Emergency Medicine section.

If you are using a credit card, you may register online (a discount is available for online registrations). A confirmation email will be sent upon receipt of payment and completed registration form. If you do not receive a confirmation email, or if you require additional information, please send an email to mca.cme@mayo.edu or call (480) 301-4580. Please have this email accessible when checking in at the symposium registration desk. No refund will be granted unless a written notice of cancellation is received 14 days in advance of the respective program date ($15 administrative fee will apply). No refunds following this cut-off date.

Due to the nature of this program, enrollment is limited. Early registration is encouraged. Walk-in registrations cannot be accommodated.

Mayo Clinic is not responsible for expenses incurred by an individual who is not confirmed and for whom symposium space is not available. Costs incurred by the registrant such as airline or hotel fees or penalties are the responsibility of the registrant.

In case of an emergency, you may be reached at the conference by calling Mayo School of CPD, at telephone (480) 301-4580.