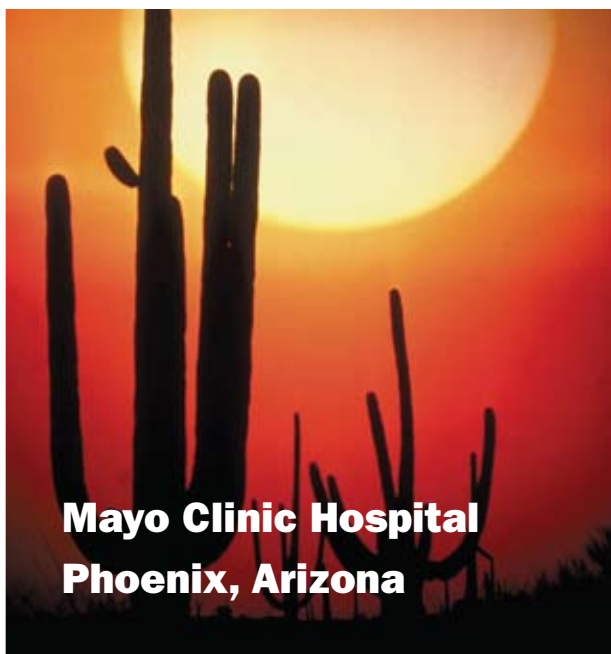


*Prehospital Cardiovascular,
Stroke and Critical Care Updates:
A Quarterly Symposium*



Enrollment is limited. Early registration is encouraged.

**Quarterly sessions are available. Attend only
one session per quarter for 6 hours of CEU**

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

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.

Brian W. Chong, MD

Dr. Chong is an Associate Professor of Medicine at Mayo Clinic. Areas of interest: brain aneurysms, carotid artery angioplasty and stenting, treatment of facial vascular malformations, treatment of stroke, vascular malformations of the brain, vertebroplasty, endovascular surgical neuroradiology

Dr. Chong completed his medical training at University of Toronto, Toronto, Canada; residency training in Diagnostic Radiology at University of Toronto, Toronto, Canada; fellowship training in Neuroradiology at University of California, San Diego, CA; and senior fellowship in Endovascular Surgical Neuroradiology at Emory University, Atlanta, GA.

Bart M. Demaerschalk, MD

Dr. Demaerschalk is an Associate Professor of Neurology at Mayo Clinic. Areas of interest: cerebrovascular disease, acute ischemic stroke (thrombolysis), stroke unit, stroke prevention, transient ischemic attack clinic, genetic causes of stroke, hospital-based neurology, critical care neurology, health research methodology, clinical trials, systemic reviews and meta-analyses, health economic analyses, health professional education and curriculum design, and evidence-based medicine.

Dr. Demaerschalk completed his medical training at University of British Columbia, Vancouver, Canada; residency training in Neurology at the University of Western Ontario, London, Ontario, Canada; and fellowship training in Stroke Neurology, University of Western Ontario, London, Ontario, Canada.

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.

Roland W. Petri, MD

Dr. Petri is an Assistant Professor of Emergency Medicine at Mayo Clinic. Areas of interest: Critical care transport, emergency department quality management-improvement, and prehospital care.

Dr. Petri completed his medical training at Northwestern University Medical School, Chicago, IL; internship at Maricopa Medical Center, Phoenix, AZ; residency training in Emergency Medicine at University of Florida, Gainesville, FL; fellowship in Critical Care and Aeromedical Transport at Stanford University, Palo Alto, CA; and Masters in Public Health (MPH) from Northwestern University Medical School, Chicago, IL.

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

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.