

Program Overview

Acute myocardial infarction (AMI) is the leading cause of death for men and women today. There are two types of AMI, non ST-elevation myocardial infarction (non-STEMI), and ST-elevation myocardial infarction (STEMI). RACE- Reperfusion of AMI in Carolina Emergency Departments and Emergency Response- is a state wide process improvement project that focuses on offering reperfusion to all eligible AMI patients and improving processes that systems need to expedite reperfusion treatment. 12-lead ECG allows assessment of the patients with cardiac or other complaints.

Program Objectives

- Identify the RACE-ER project's goals and how EMS and Emergency Department work together to achieve outcomes for the AMI patients.
- Define and list the Acute Coronary Syndromes (ACS)
- Describe the pathophysiology of ACS
- Categorize the clinical presentation of ACS as classic, atypical chest pain, or angina equivalent
- Discuss the role of risk factor in suspecting ACS
- Correlate common therapeutic interventions with specific mechanisms of action.
- Describe the typical distribution of coronary arteries
- Identify the components of a 12-lead EKG
- Define Q wave, R wave, S wave and pathologic Q wave
- Locate the J-point and ST segment
- Recognize ST segment elevation in two contiguous leads
- Recognize and localize the EKG pattern for AMI

Target Audience

The workshops are designed for paramedics, nurses and other professionals that need to use EKG to further assess patients with cardiac or other complaints.

Faculty:

Tim J. Phalen, BS, EMT-P
ECG Consultants

Stephanie Starling-Edwards, RN, BSN
Winston-Salem RACE-ER Coordinator

Tim has been a paramedic since 1991. He has presented 12-Lead ECG program to over 36,000 participants since 1995. He has participated in EMS EXPOs, EMS Today and Numerous Regional and State EMS Conferences. RACE is excited to have Tim involved in our training!

Stephanie Starling-Edwards
Winston-Salem RACE Coordinator
WFUBMC, Heart Center
Medical Center Blvd
Winston-Salem, NC 27157



Winston-Salem Region Presents



12 Lead EKG Workshops

Instructor: Tim Phelan, BS, EMT-P

Basic EKG Agenda

Day 1 offered on September 8, 9, 10 or 11

| Time | Topic |
|-----------|---|
| 0715-0800 | Registration |
| 0800-0900 | RACE Overview/ACC STEMI Guidelines |
| 0900-1000 | Essentials to EKG Interpretation |
| 1000-1010 | Break |
| 1010-1200 | Essentials to EKG Interpretation-cont. |
| 1200-1300 | Lunch on your own |
| 1300-1425 | Acquisition and Transmission of EKG |
| 1425-1435 | Break |
| 1435-1600 | Acquisition and Transmission of EKG cont. |

Advanced EKG Agenda

Day 2 offered on September 15, 16, 17 or 18

| Time | Topic |
|-----------|-------------------------------------|
| 0715-0800 | Registration |
| 0800-1000 | Acute Coronary Syndromes |
| 1000-1010 | Break |
| 1010-1200 | The High Acuity Patient |
| 1200-1300 | Lunch on your own |
| 1300-1425 | BBB and Imitator of ACS |
| 1425-1435 | Break |
| 1435-1600 | Review and Practice Interpretation. |

Class Format

This is a TWO day course. Participants are expected to attend a Day 1 and a Day 2 classes. Individuals who have basic EKG skills will be allowed to register for the Day 2 class. Please note each class accommodates 125 people - early registration is encouraged as the classes filled when this class was offered in 2006.

Location:

Surry Community College

September 8, 16, 17 and 18

630 South Main Street, Dobson, NC
"A" Building in the Auditorium (Rm A-121)
Link to driving directions and map of the campus.
<http://www.surry.edu/map.html>

Forsyth Technical Community

College West Campus

September 9, 10, 11 and 15

1300 Bolton Street, Winston-Salem, NC
Auditorium
Link to driving directions and map of the campus.
<http://www1.forsythtech.edu>

Accreditation



Accreditation Northwest AHEC for nurses: each workshop day completed allows for educational activity 7.5 contact hours can be applied towards your continuing competence plan for maintaining your current licensure with the North Carolina Board of Nursing.

This program was made possible because of the support from:



Registration

Paramedics and students please register through your agency.

Nurses please register on-line at:
www1.wfubmc.edu/heart/EdProgs/

Others please complete the form and fax to:
336-713-4490

| Sign up for: | Time | Date |
|--|-------|----------|
| <input type="checkbox"/> TIME MATTERS 2008 Day One | 8a-4p | Sept. 8 |
| <input type="checkbox"/> TIME MATTERS 2008 Day One | 8a-4p | Sept. 9 |
| <input type="checkbox"/> TIME MATTERS 2008 Day One | 8a-4p | Sept. 10 |
| <input type="checkbox"/> TIME MATTERS 2008 Day One | 8a-4p | Sept. 11 |
| <input type="checkbox"/> TIME MATTERS 2008 Day Two | 8a-4p | Sept. 15 |
| <input type="checkbox"/> TIME MATTERS 2008 Day Two | 8a-4p | Sept. 16 |
| <input type="checkbox"/> TIME MATTERS 2008 Day Two | 8a-4p | Sept. 17 |
| <input type="checkbox"/> TIME MATTERS 2008 Day Two | 8a-4p | Sept. 18 |

Name _____

Title _____

Last 4 digits of Social Security Number _____

Home Address _____

Phone _____

E-mail (please include for confirmation to be sent to you) _____

Organizational Name _____

Signature _____

This FREE program is offered through the Winston Salem RACE-ER Region

For Phone Inquiries
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Registration Deadline Aug. 30