

VC EMS TRAINING BULLETIN

Bulletin 009
053111

IMPROVING QUALITY...CONTINUOUSLY



*Ventura County
Emergency Medical Services Agency*

VCEMS APPROACH TO ACUTE CORONARY SYNDROME AMERICAN HEART ASSOCIATION GUIDELINES 2010

INTENT: VCEMS Agency has changed Policy 705, Adult Cardiac Arrest in response to the American Heart Association (AHA) 2010 revisions. Information below summarizes the recommendations that prompted these changes. The Highlights of the 2010 American Heart Association Guidelines for CPR and ECC can be found at the web site listed below.

ACUTE CORONARY SYNDROME (ACS) DEFINITION: Term used to cover any group of clinical symptoms compatible with acute myocardial ischemia due to insufficient blood supply to the heart muscle. (i.e. Chest Pressure, Unstable Angina, ST or non-ST elevation ECGs)

2010 AHA CHANGES IN THE APPROACH TO ACS:

- Systems of Care for patients with STEMI
Community, EMS, Physician and Hospital Resources to form STEMI System
- Out-of-Hospital 12-Lead EKGs
Provide advanced notice to hospitals, decrease time to Percutaneous Coronary Intervention (PCI)
- Triage patients to PCI capable hospitals
STEMI Receiving Centers (SRCs)
- Comprehensive care for patients post-cardiac arrest with STEMI or suspected ACS
PCI after cardiac arrest, angiography after ROSC recommended if presumed cardiac etiology. Coma is NOT a contraindication to angiography/PCI post arrest.
- Immediate General Treatment (EMS):
*Supplemental oxygen not needed if no respiratory distress and O₂Sat is >or = 94%**

Reference: American Heart Association Guidelines 2010

http://www.emsa.ca.gov/news/pdf/ucm_317350.pdf

VENTURA COUNTY EMS AGENCY

Phone: 805-981-5301

Fax: 805-981-5300

Web Page: www.vchca.org/ph/ems