



## STEMI RADIO REPORT

### SITUATION

“STEMI Alert” confirmed by 12-lead. ETA. Patient age and gender. Urgent concerns upfront. **For transmission capable STEMI Centers verify 12-lead has been received.**

### BACKGROUND

Presenting complaint, past cardiac history, history of pacemaker placement.

### ASSESSMENT

Stable or unstable and why. VS, ALOC and pain level.

### RX & RECAP

Treatments given and patient response.



## STEMI REPORT AT HOSPITAL

As above, plus patient identification, allergies and medication (anticoagulants, insulin, erectile dysfunction drugs). Pertinent medical history. Name of patient’s cardiologist if known. **A 12-lead hard copy to RN.**

## PREHOSPITAL DOCUMENTATION REQUIREMENTS

2 copies of field 12-lead showing STEMI. One for hospital and one for transport electronic patient care record (ePCR).

•  
Transport prehospital ePCR draft to hospital with first responder interventions captured

•  
12-leads uploaded into ePCRs where possible

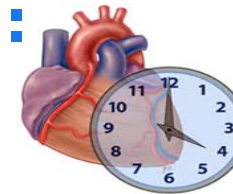
■ For more information on STEMI Receiving Centers see Policy 25 on our website.

[www.cccems.org](http://www.cccems.org)

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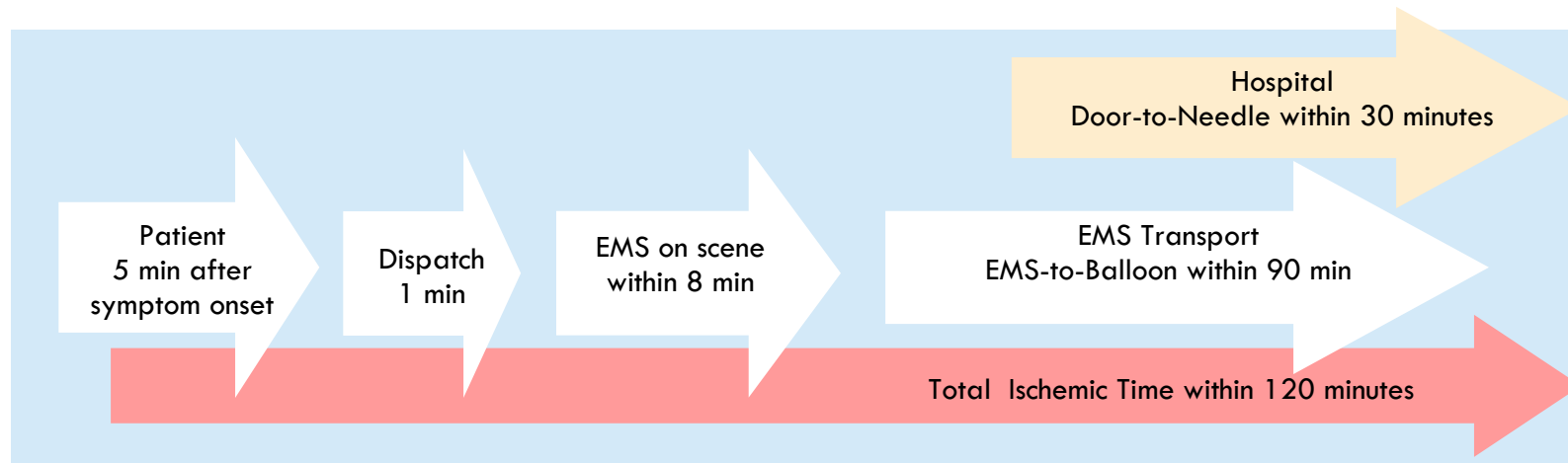
## CONTRA COSTA EMS STEMI SYSTEM



**NEW!**

## STEMI DIVERSION BEGINS

### JULY 5, 2011 0800 HOURS



## STEMI RECEIVING CENTERS



### CONTRA COSTA DESIGNATED STEMI RECEIVING CENTERS (SRC)

- Doctors Medical Center San Pablo
- John Muir Health Walnut Creek Campus
- John Muir Health Concord Campus
- Kaiser Permanente Medical Center Walnut Creek
- San Ramon Regional Medical Center San Ramon
- Sutter Delta Medical Center Antioch

### OUT-OF-COUNTY STEMI CENTERS

- ValleyCare Pleasanton
- Oakland Summit Medical Center

**STEMI Centers provide 24/7/365 Specialized Cardiac Catheterization Services**

### “STEMI ALERT” PATIENT IDENTIFICATION



STEMI patients are identified through computer interpretation of the 12-lead ECG indicating:

- \*\*\*ACUTE MI\*\*\* (Zoll)
- \*\*\* ACUTE MI SUSPECTED\*\*\* (LP-12)
- \*\*\*Meets ST Elevation Criteria\*\*\* (LP-15)

**Other messages DO NOT QUALIFY as STEMI**

### STEMI DIVERSION

**NEW!**

STEMI diversion will apply to STEMI Receiving Centers (SRCs) whose Cardiac Cath Lab is inoperative due to maintenance or equipment failure. No other reasons for STEMI diversion are acceptable without EMS Agency authorization. When an SRC is on diversion prehospital providers will bypass the facility to the next closest SRC.

SRCs are to use ReddiNet for all diversion notifications.

### TRIAGE & DESTINATION DECISION MAKING

- Inform patient of STEMI System Triage.
- Patients with an identified STEMI shall be transported to the nearest SRC unless patient requests another SRC facility.
- Patient request and condition must be considered when determining destination.
- A SRC that is not the closest is an acceptable destination if estimated additional transport time does not exceed 15 minutes. This allows for transport to patient's SRC of choice.
- If an SRC is on STEMI Diversion the patient should be transported to the next closest SRC.
- Patients with cardiac arrest who have a STEMI identified by 12-lead before or after arrest shall be transported to the closest SRC.
- Patients with unmanageable airway will be transported to the closest basic emergency department.

### 12-Lead Monitor & Strips

- Assure the 12-lead device is set to the correct date and time when beginning your shift.
- Put patient's name and DOB on all 12-lead ECG printouts.
- Make sure 12-lead printouts have computer interpretation attached (Zoll monitors).

### PREVENT FALSE STEMI ACTIVATIONS

- Assure quality 12-lead ECG
- Good skin prep & lead skin contact
- Correct lead placement
- Level Baseline
- Limit Motion Artifact
- Good QRS in all 12-leads
- REPORT if patient has pacemaker
- TRANSMIT 12-lead to SRC if capable

### REPEAT 12-Lead ECGs are encouraged in all patients!

- STEMI findings on ECG can develop over time and the initial 12-lead may not show the finding.
- If leads are left on, Physio Control monitors will “kick out” another ECG when significant ST changes occur.
- Zoll monitors require a manual repeat.

### WHAT TO SAY TO THE PATIENT AND FAMILY...

*“Your ECG shows you could be having the kind of heart attack that is best treated at a hospital that provides special treatments for your condition.”*

