

# Chest Pain, Suspected Acute Coronary Syndrome

## 12 LEAD ECG CRITERIA

### SIGNS & SYMPTOMS

Chest pain (any pain between the navel and jaw)  
 Chest pressure, discomfort or tightness  
 Jaw, arm, shoulder, back pain  
 Complaints of "heart racing" or "too slow"  
 Syncope  
 Severe weakness  
 Shortness of breath  
 Diaphoresis  
 Lightheadedness, Nausea/Vomiting, epigastric pain  
 Females, diabetics, and geriatric patients often have atypical pain or only generalized complaints

**-OR-**

### HISTORY OF

Cardiac disease  
 Family history of early heart disease  
 Diabetes mellitus  
 Severe obesity  
 Drug use

**WHEN IN DOUBT,  
DO THE ECG!!!**



## STEMI CRITERIA

### ST SEGMENT ELEVATION

**OF 1mm OR MORE  
IN TWO CONTIGUOUS  
LEADS.**

**IF STEMI INCONCLUSIVE, ISOLATED to V1- V-2, or LBBB; CONSULT PHYSICIAN**

## IF STEMI CRITERIA MET

**ACTIVATE CLOSEST  
PRIMARY PCI FACILITY**



**If PCI >120 min or if transport time will be >60 min consider transport to closest Non-PCI facility for Fibrinolytic <30 min from First Medical Contact. Transfer to PCI facility post Fibrinolytic if indicated.**

APPLY OXYGEN Titrate to MAINTAIN O2 Sat >92%
Aspirin 81mg X 4 tablets
<b>12 LEAD ECG &lt;5 minutes</b>
Utilize <b>LIFENET EKG TRANSMISSION</b> to NEAREST PCI Center
NTG SL q 5min x3 IF SBP ≥90 until patient is Pain Free <b>HOLD IF SBP &lt;90</b> HOLD if Viagra, Revatio or Levitra taken within 24 hours or Cialis within 36 hours as it may cause severe hypotension
<b>CAUTION: If ST↑ in Leads II, III, or aVF NTG may cause profound HYPOTENSION</b>
START SALINE LOCKS X2
Morphine or Fentanyl PRN for pain

## PRIMARY PCI HOSPITALS

Doctors at Renaissance	Edinburg	362-5911
McAllen Heart Hospital	McAllen	994-2276
Mission Regional Medical Center	Mission	323-1111
Rio Grande Regional	McAllen	632-6443
Harlingen Medical Center	Harlingen	365-1533
Valley Baptist Medical Center	Harlingen	365-5000
Valley Baptist Medical Center	Brownsville	698-5595
Valley Regional Medical Center-	Brownsville	350-7150

**If transport time will be > 30 minutes,  
Consider closest Air Transport**

**(800) 247-3822**

### EMS SCENE TIME

**<15 MIN**

### DOOR-IN- DOOR-OUT

**<30 MIN**

### DOOR to FIBRINOLYTICS

**<30 MIN**

### FMC to REPERFUSION

**<90 MIN**



**TRAC - V**

Trauma Regional Advisory Council - V

LRGV Regional Advisory Council on Trauma, Svc area V, Inc.

12/15, Rev. 09/16, 11/16