MEDICAL CONTROL GUIDELINE: CATH LAB ACTIVATION ALGORITHM

Perform a prehospital 12-lead ECG on patients with non-traumatic chest pain or EMS personnel’s clinical suspicion of STEMI as per Ref. No. 1302
  a. Chest pain/discomfort/symptoms of suspected cardiac etiology
  b. Medical history with high risk of acute cardiac event
  c. New onset dysrhythmia
  d. Return of spontaneous circulation (ROSC) after a cardiac arrest

Is there a good quality tracing with greater than 1mm S-T elevation in 2 or more contiguous leads or an ECG reading positive?

Transmit ECG
Contact/Transport to SRC
Contact Base for additional orders/continue SFTP

Discuss CATH LAB ACTIVATION CRITERIA with SRC
ED physician agrees with STEMI impression
Age 30-90
Pain less than 12 hours
Greater than 2mm S-T elevation in 2 or more contiguous leads
QRS less than 0.12
Heart Rate less than 120
No paced rhythm
No DNR
Able to give informed consent
Not intubated
Paramedic confident in STEMI impression

MEETS ALL CRITERIA

Approved for Cath Lab?
Yes
CATH LAB ACTIVATION
Transport patient to Cath Lab when Cath Lab is ready to accept patient

DOES NOT MEET ALL CRITERIA

Expedited ED physician exam

NO CATH LAB ACTIVATION