Medical Control Guideline: ALGORITHM FOR PREHOSPITAL CATH LAB **ACTIVATION**

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. 1308 Review the ECG: Is the quality good?* Do you visualize greater than 1mm ST-Elevation in 2 or more contiguous leads OR is there a positive software interpretation of STEMI? Transmit ECG Contact/Transport to SRC Contact Base for online medical control prn **Discuss CATH LAB ACTIVATION CRITERIA** with SRC ED physician agrees with STEMI impression Age 30-90 Pain less than 12 hours **DOES** Greater than 2mm S-T elevation in 2 or more **MEETS** NOT contiguous leads **MEET ALL** QRS less than 0.12 CRITERIA **ALL** Heart Rate less than 120 **CRITERIA** No paced rhythm No DNR Able to give informed consent Not intubated Paramedic confident in STEMI impression Approved for Expedited ED Cath Lab? physician exam Yes No **CATH LAB ACTIVATION** NO CATH LAB ACTIVATION * If the ECG tracing is inadequate, repeat the ECG. Do not use a poor-quality ECG to determine patient management. Contact Base if you are unable to Transport patient to Cath Lab obtain a good quality ECG in a patient with possible STEMI or to discuss destination if the provider when Cath Lab is ready to impression is unclear.

EFFECTIVE DATE: 09-01-15

accept patient

REVISED: 07-01-25 **SUPERSEDES: 06-01-18**