

STEMI Alert

Standard:

To establish guidelines for declaring a STEMI Alert and initiating patient transport to an appropriate receiving facility based on COG transport guideline.

Purpose:

In order to more consistently assess and apply the notification for a STEMI Alert the following criteria have been developed in conjunction with Regional Mission Lifeline initiative.

Application:

STEMI Alert Criteria:

1. A *STEMI Alert* should be called when a patient is currently symptomatic for an acute coronary syndrome event, *and*
2. Has new or presumably new ST segment elevation > 1 mm in two anatomically contiguous leads, *and*
3. Does not have exclusion criterion listed below.
4. If a patient meets *STEMI Alert* criteria and none of the exclusion and ACS consult criteria, then a *STEMI Alert* should 1st be declared to communications. As soon as possible a 12-lead ECG should be transmitted and whenever possible the patient's name should accompany the 12-lead ECG.
5. The transport hospital should be notified of the *STEMI Alert* as soon as practical by communications and the alert must include the transport radio report to the hospital with the patient condition information.

STEMI Alert Exclusions & ACS Consult Criteria:

1. Patients that are currently asymptomatic for an acute coronary syndrome event however have ECG readings consistent with the above *STEMI Alert* criteria, or
2. Patients who are symptomatic for an acute coronary syndrome event and have evidence of isolated V1 and V2 elevation only, LBBB or LVH, Early repolarization, Ventricular/Ventricular Paced, Diffuse ST elevation, or Non-specific ST changes or other abnormal ECG findings including poor ECG tracing.

The provider should not declare a *STEMI Alert* and should consult with the anticipated receiving hospital prior to transport and transmit a 12 lead ECG with *ACS Consult - Facility Name* in the patient ID field.

The declaration of the *STEMI Alert* or use of the ACS Consult option should be based upon the patient's current condition and the provider's judgement.