

2019 MISSION: LIFELINE STEMI MEASURES

STEMI Receiving Center Recognition Measures

Arrival to PCI \leq 90 Minutes: Percentage of direct admit (non-transfer) ST-elevation Myocardial Infarction (STEMI) patients who received primary PCI within \leq 90 minutes of arrival at the Receiving Center (door-to-device time). For admissions with STEMI diagnosed on subsequent ECG, arrival date/time is set to 0 and Arrival to Primary PCI is set to Subsequent ECG time to Primary PCI.

EMS First Medical Contact to Primary PCI \leq 90 Minutes OR \leq 120 Minutes (when EMS drive time \geq 45 minutes AND D2B \leq 30 minutes): Percentage of ST-elevation Myocardial Infarction (STEMI) patients who received a primary PCI within 90 minutes from first medical contact prior to arrival at the Receiving Center (arrival via EMS/Ambulance only) OR within 120 minutes when EMS transport time is 45 minutes or greater and D2B is 30 minutes or less.

Aspirin on Arrival: Percentage of ST-elevation Myocardial Infarction (STEMI) patients who receive aspirin within 24 hours before or after first medical contact (if arriving via EMS, Air, or Mobile ICU), or within 24 hours before or after hospital arrival (if arriving via privately owned vehicle) .

Aspirin at Discharge: Percentage of ST-elevation Myocardial Infarction (STEMI) patients prescribed aspirin at discharge

Beta Blocker on Discharge: Percentage of ST-elevation Myocardial Infarction (STEMI) patients prescribed a beta blocker at hospital discharge

Statin therapy on Discharge: Percentage of ST-elevation Myocardial Infarction (STEMI) patients who are prescribed a statin at hospital discharge

ACE-Inhibitor or Angiotensin Receptor Blocker (ARB) for LVSD at Discharge: Percentage of ST-elevation Myocardial Infarction (STEMI) patients with left ventricular systolic dysfunction (EF $<$ 40% or with moderate or severe LVSD) who are prescribed and ACEI or ARB at hospital discharge

Adult Smoking Cessation Advice: Percentage of ST-elevation Myocardial Infarction (STEMI) patients who smoke cigarettes who receive smoking cessation advice/counseling during admission

Overall Mission Lifeline® Composite Score—Receiving Center: Proportion of performance opportunities that were met among eligible opportunities for all 8 individual achievement measures.

STEMI Receiving Center Plus Measure

Arrival at First Facility to Primary PCI \leq 120 minutes: Percentage of ST-elevation Myocardial Infarction (STEMI) patients transferred from a STEMI Referring Center who received primary PCI within \leq 120 minutes of arrival at the first facility (Referral Center door-to-device time). For admissions with STEMI diagnosed on subsequent ECG, arrival date/time is set to 0 and Arrival at First Facility to Primary PCI is set to Subsequent ECG time to Primary PCI.

STEMI Referring Center Recognition Measures

ECG within 10 minutes of Arrival: Percentage of ST-elevation Myocardial Infarction (STEMI) patients who received an ECG within 10 minutes of arrival at the Referring Center

Arrival to Thrombolytics within 30 minutes: Percentage of ST-elevation Myocardial Infarction (STEMI) patients who receive thrombolytic therapy within 30 minutes of arrival at the Referring Center

Arrival to Transfer to PCI Center within 45 minutes (Door In Door Out): Percentage of ST-elevation Myocardial Infarction (STEMI) patients who are transferred out for primary PCI within 45 minutes of arrival at the Referring Center

Aspirin at Arrival: Percentage of ST-elevation Myocardial Infarction (STEMI) patients who receive aspirin within 24 hours before or after first medical contact (if arriving via EMS, Air, or Mobile ICU), or within 24 hours before or after hospital arrival (if arriving via privately owned vehicle)

Aspirin at Discharge: Percentage of ST- elevation Myocardial Infarction (STEMI) patients prescribed aspirin at discharge

Beta Blocker at Discharge: Percentage of ST- elevation Myocardial Infarction (STEMI) patients prescribed a beta blocker at hospital discharge

Statin therapy on Discharge: Percentage of ST-elevation Myocardial Infarction (STEMI) patients who are prescribed a statin at hospital discharge

ACE-Inhibitor or Angiotensin Receptor Blocker (ARB) for LVSD at Discharge: Percentage of ST-elevation Myocardial Infarction (STEMI) patients with left ventricular systolic dysfunction (EF < 40% or with moderate or severe LVSD) who are prescribed and ACEI or ARB at hospital discharge

Adult Smoking Cessation Advice: Percentage of ST-elevation Myocardial Infarction (STEMI) patients who smoke cigarettes who receive smoking cessation advice/counseling during admission

Overall Mission Lifeline® Composite Score— STEMI Referral Center: Proportion of performance opportunities that were met among eligible opportunities for all 9 individual achievement measures. (Not used in Mission: Lifeline Referring hospital recognition analysis)

For more information on GWTG-CAD and/or Mission: Lifeline participation, contact

[GWTG- CAD/Mission: Lifeline](#)