Cardiac Resuscitation

**Community**
- Designated Community Champion for Cardiac Resuscitation
- Community has a multidisciplinary group to monitor, provide feedback and improve Cardiac Resuscitation care process and outcome.
- Uses strategies to increase skills and awareness of CPR, including but not limited to CPR in schools, Hands-Only CPR, public awareness campaigns, and CPR courses. With a goal of achieving >50% bystander CPR.
- Implements and maintains public access defibrillation program including training, regular maintenance and usage tracking.
- External certification not self-designation as part of cardiac resuscitation system of care.

**EMS**
- Must meet criteria for ideal STEMI EMS
- Medical director actively participates in multidisciplinary team including but not limited to EMS, emergency medicine, nursing, cardiology, neurology and critical care personnel, referral center staff, and receiving center staff to monitor, provide feedback and improve Cardiac Resuscitation care processes and outcomes.
- Implements and maintains destinations and protocols for triage of patients to hospitals able to care for Cardiac Resuscitation patients.
- Emergency medical dispatchers provide bystanders CPR instruction.
- Provides audit and feedback of cardiac arrest process and outcome to provider and EMS.
- Ambulances dispatched to suspected Cardiac Resuscitation have 12-lead ECG and manual defibrillator equipment where permitted by law and transport highest priority to appropriate receiving center.
- Field triage of patients with return of spontaneous circulation after arrest to Cardiac Resuscitation Receiving Center, when feasible (including transport time < 45 minutes longer than nearest hospital).
- Able to communicate ECG results to the Cardiac Resuscitation Receiving Center when possible.
- Send patient to the closest, most appropriate Cardiac Resuscitation Referral Center or Receiving Center.
- External certification not self-designation as part of cardiac resuscitation system of care.
- Should include at least compression-only CPR training for all employees.

**Referral Center**
- Must meet criteria for ideal STEMI Referral Center
- Designated hospital champion for Cardiac Resuscitation.
- Actively participates in multidisciplinary team meetings to monitor, provide feedback and improve Cardiac Resuscitation care process and outcome.
- Implements and maintains standard triage and treatment protocols for Cardiac Resuscitation patient consistent with ACC/AHA guidelines.
- Initiates hypothermia as soon as possible, when indicated.
- Initiates cardiology consult as soon as possible.
- Universal 24/7 acceptance of Cardiac Resuscitation patients regardless of diversion status of ED.
- Integrate plans for return of the patient to the local community.
- Participates in regional or national quality improvement program for to monitor and improve Cardiac Resuscitation care processes and outcome.
- Integrates plans for return of the patient to the local community for follow-up care following discharge from the Cardiac Resuscitation Receiving Center on a routine basis.
- Provides CPR training for community, with goal of achieving bystander CPR rates > 50%.
- External certification not self-designation as part of Cardiac Resuscitation system of care.
- Should include at least compression-only CPR training for all employees.

**Receiving Center**
- Must meet all requirements of a STEMI Receiving Center.
- Designated hospital champion for Cardiac Resuscitation.
- Actively participates in multidisciplinary group to monitor, provide feedback and improve Cardiac Resuscitation process and outcome.
- Implements and maintains standard triage and treatment protocols for Cardiac Resuscitation patient consistent with ACC/AHA guidelines.
- Works with EMS medical direction and Cardiac resuscitation referral center to develop Cardiac Resuscitation treatment plan.
- Initiates hypothermia as soon as possible, when indicated.
- Initiates cardiology consult as soon as possible.
- Universal 24/7 acceptance of Cardiac Resuscitation patients regardless of diversion status of ED.
- Integrate plans for return of the patient to the local community for follow-up care following discharge from the Cardiac Resuscitation Receiving Center on a routine basis.
- Provides CPR training for community, with goal of achieving bystander CPR rates > 50%.
- External certification not self-designation as part of Cardiac resuscitation system of care.
- Needs to include at least compression-only CPR training for all employees.

**System (all 5 required)**
- Must meet ideal STEMI System requirements
- Register with Mission: Lifeline.
- Conduct on-going multidisciplinary team meetings that include Community, EMS, Cardiac Resuscitation Referral Centers, and Cardiac Resuscitation Receiving Center representatives or staff to monitor and improve Cardiac Resuscitation care process and outcomes.
- Has process for pre-hospital identification and activation of STEMI in patients resuscitated from OHCA, destination protocols to Cardiac Resuscitation Receiving Centers.
- Has process for transfer of appropriate patients who arrive at Cardiac Resuscitation Referral Centers to Cardiac Resuscitation Receiving Centers.
- Each system component (Community EMS, Cardiac Resuscitation Referral Centers, and Cardiac Resuscitation Receiving Centers) meets criteria listed above.
Cardiac Resuscitation

**Community**
- Designated Community Champion for Cardiac Resuscitation
- Community has a multidisciplinary group to monitor, provide feedback and improve Cardiac Resuscitation care process and outcome.
- Uses multiple strategies to increase skills and awareness of CPR, including but not limited to CPR in schools, Hands-Only CPR, public awareness campaign, credentialed CPR courses, with a goal of achieving >50% bystander CPR
- Implements and maintains public access defibrillation program including training, regular maintenance and usage tracking
- External certification not self-designation as part of cardiac resuscitation system of care

**EMS**
- Must meet criteria for ideal STEMI EMS
- Medical director actively participates in multidisciplinary team including but not limited to EMS, emergency medicine, nursing, cardiology, neurology and critical care personnel, referral center staff and receiving center staff to monitor, provide feedback and improve Cardiac Resuscitation care processes and outcomes
- Implements and maintains destinations protocols for triage of patients to hospitals able to care for Cardiac Resuscitation patients
- Emergency medical dispatchers provide bystanders CPR instruction
- Provides audit and feedback of cardiac arrest process and outcome to provider and EMS
- Ambulances dispatched to suspected Cardiac Resuscitation have 12-lead ECG and manual defibrillator equipment where permitted by law and transport highest priority to appropriate receiving center
- Field triage of patients with return of circulation after arrest to Cardiac Resuscitation Receiving Center, when feasible (including transport time < 45 minutes longer than nearest hospital)
- Able to communicate ECG results to the Cardiac Resuscitation Receiving Center when possible
- Send patient to the closest, most appropriate Cardiac Resuscitation Referral or Receiving Center
- External certification not self-designation as part of cardiac resuscitation system of care
- Should include at least compression-only CPR training for all employees.

**Referral Center (no PCI)**
- Must meet criteria for ideal STEMI Referral Center
- Designated hospital champion for Cardiac Resuscitation
- Actively participates in multidisciplinary team meetings to monitor, provide feedback and improve Cardiac Resuscitation care process and outcome
- Implements and maintains standard triage and treatment protocols for Cardiac Resuscitation patient consistent with AHA guidelines
- Works with EMS medical direction and cardiac resuscitation referral center to develop Cardiac Resuscitation treatment plan
- Initiates hypothermia as soon as possible when indicated
- Initiates cardiology consult as soon as possible
- Universal 24/7 acceptance of Cardiac Resuscitation patients regardless of diversion status of ED
- Has plan to treat simultaneous Cardiac Resuscitation patients
- Has plan for and ability to treat re-arrest, including mechanical CPR AND/OR pharmacological support
- Capable of assessment of need for ICD placement and providing appropriate follow up
- Refers assessment of prognostication and withdrawal of care for at least 72 hours after Cardiac Resuscitation.
- Participates in regional or national quality improvement program for to monitor and improve Cardiac Resuscitation care processes and outcome
- Integrate plans for return of the patient to the local community for follow-up care following discharge from the Cardiac Resuscitation Receiving hospital on a routine basis
- Provides CPR training for community, with goal of achieving bystander CPR rates > 50%
- Provides CPR, ACLS and PALS training for appropriate staff
- External certification not self-designation as part of cardiac resuscitation system of care
- Should include at least compression-only CPR training for all employees.

**Receiving Center (PCI-capable)**
- Must meet all requirements of a STEMI Receiving Center
- Designated hospital champion for Cardiac Resuscitation
- Actively participates in multidisciplinary group to monitor, provide feedback and improve Cardiac Resuscitation process and outcome
- Implements and maintains standard triage and treatment protocols for Cardiac Resuscitation patient consistent with AHA guidelines
- Works with EMS medical direction and cardiac resuscitation referral center to develop Cardiac Resuscitation treatment plan
- Initiates hypothermia as soon as possible when indicated
- Initiates cardiology consult as soon as possible
- Universal 24/7 acceptance of Cardiac Resuscitation patients regardless of diversion status of ED
- Has plan to treat simultaneous Cardiac Resuscitation patients
- Has plan for and ability to treat re-arrest, including mechanical CPR AND/OR pharmacological support
- Capable of assessment of need for ICD placement and providing appropriate follow up
- Refers assessment of prognostication and withdrawal of care for at least 72 hours after Cardiac Resuscitation.
- Participates in regional or national quality improvement program for to monitor and improve Cardiac Resuscitation care processes and outcome
- Integrate plans for return of the patient to the local community for follow-up care following discharge from the Cardiac Resuscitation Receiving hospital on a routine basis
- Provides CPR training for community, with goal of achieving bystander CPR rates > 50%
- Provides CPR, ACLS and PALS training for appropriate staff
- External certification not self-designation as part of cardiac resuscitation system of care
- Should include at least compression-only CPR training for all employees.