### Program-Specific Eligibility *

- Participants in a nationally audited registry or similar data collection tool for the following domains: AMI, cardiac rehabilitation, CABG, diagnostic cardiac catheterization procedures, heart failure, ICD, PCI, and valve replacement/repair.
- On-site 24/7 primary PCI coverage for STEMI patients.
- Interventional cardiologists who perform primary PCI for STEMI, perform a minimum of 50 PCI procedures and 11 primary PCI procedures a year to maintain competency (procedures performed at other hospitals can be included in the total).
- Participants in American Heart Association’s “Get With the Guidelines® - Coronary Artery Disease” program.
- Hospital is designated as a smoke-free campus.

### Hospital Volume Requirements

<table>
<thead>
<tr>
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<th>CCC</th>
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<th>AHAR</th>
<th>ACHF</th>
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</thead>
<tbody>
<tr>
<td>CABG</td>
<td>125/annually</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Valve Replacement/Repair</td>
<td>50/annually</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>PCI</td>
<td>200/annually</td>
<td>150/consecutive rolling 4 quarters</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Primary PCI</td>
<td>36/annually</td>
<td>36/consecutive rolling 4 quarters</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Leadership

- Designated physician leader
- A designated medical director and a designated STEMI coordinator
- A designated medical director and a designated STEMI coordinator
- Leader(s) with knowledge and experience in caring for this patient population

### Emergency Medical Services (EMS) Collaboration

- Regional initiatives to improve systems of care for high-risk, time-sensitive cardiovascular conditions
- Feedback to EMS agencies and interfacility transport agencies within 24–48 hours of patient arrival
- Feedback to EMS agencies and interfacility transport agencies within 24–48 hours of patient arrival
- N/A

### Diagnostic Testing Capability

- Diagnostic cardiac catheterization procedures, cardiac stress tests including emergency cardiovascular diagnostic, imaging, and interventional/surgical services
- Acquisition of a 12-lead ECG within 10 minutes of arrival
- Acquisition of a 12-lead ECG within 10 minutes of arrival
- Advanced cardiac imaging (such as cardiac MRI), chest X-ray, 2-D echo with doppler, ECG, laboratory tests

### Cardiac Catheterization Laboratory

- Available 24/7
- Available 24/7
- Cath lab with limited hours, if applicable to hospital
- N/A

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</table>
| Physician/Staff Accessibility | Call schedule for physicians with expertise in cardiac critical care, coronary interventions, advanced heart failure care, cardiac imaging, arrhythmia management, and cardiothoracic surgery who provide coverage 24 hours a day, 7 days a week | • Single-activation STEMI alert/call system  
• On-call schedule for 24/7 catheterization laboratory staff and interventional cardiologist coverage  
• Catheterization laboratory staff and interventional cardiologist arrival on site within 30 minutes of STEMI activation | • Single-activation STEMI alert/call system  
• The provision of staff and practitioners needed to deliver or facilitate the delivery of care, treatment and services | N/A |
| Scope of Care, Treatment, and Services | • Cardiovascular risk factor identification and cardiac disease prevention  
• Management, triage, and risk stratification of emergent cardiovascular conditions, ischemic heart disease, dysrhythmias, cardiac valve disease, heart failure, cardiac arrest  
• Provide direct care, or stabilizing and transferring patients who require care beyond the scope of services  
• Provide consultation, referral, and transfer arrangements  
• Planning for discharge, follow up, and transitions of care | • Triage, diagnosis, and treatment of STEMI patients  
• Primary percutaneous coronary intervention (PPCI)  
• IV fibrinolytics  
• Simultaneous STEMI patient presentation  
• Emergency Adverse Weather Contingency Plan | • Triage, diagnosis, and treatment of STEMI patients  
• Primary percutaneous coronary intervention (PPCI), if applicable  
• IV fibrinolytics | Heart failure services include preserved ejection fraction (HFpEF) and reduced ejection fraction (HFrEF)  
• Inpatient and outpatient services, including transitional care; outpatient heart failure services; cardiac pulmonary exercise; device implantation; access to a ventricular assist device (VAD); genetic services; referral to transplant services |
| Transfer Protocols | • Process for receiving transfers from other facilities, circumstances for not accepting transferred patients, and transfers to another facility for services outside the organization’s scope of care | • Process for receiving transfers  
• For sites without on-site surgery, formal agreement(s) with facility(ies) that does provide surgery on-site and the associated transfer plan/protocol | • Process for transfer to the most appropriate receiving center, including primary transport provider and back-up transport provider | N/A |

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The Joint Commission Cardiac Advanced Certification Program Concept Comparison

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<tbody>
<tr>
<td><strong>Staff Education Requirements</strong></td>
<td>Cardiovascular disease education:</td>
<td>• Specific to STEMI recognition, identification, and treatment</td>
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<td>• Staff who coordinate the care of individuals with heart failure have the education, experience, and knowledge to perform this function</td>
</tr>
<tr>
<td></td>
<td>• Cardiac care or cardiovascular critical care unit RNs – 8 hours/year</td>
<td>• Adult medical ED RNs – 2 hours/year</td>
<td>• Other emergency department staff members – 2 hours/year</td>
<td></td>
</tr>
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<td>• Other emergency department staff members – 2 hours/year</td>
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**Provision of Educational Opportunities**

| **Leadership in regional initiatives to develop and continuously improve systems of care for high-risk, time-sensitive cardiovascular conditions** | Multidisciplinary training and education events for emergency medical service professionals, including 911 and interfacility transport | Multidisciplinary training and education events for emergency medical service professionals, including 911 and interfacility transport | Practitioner continuing education or certification related to heart failure |

**Community Education**

| Sponsors at least six community education programs annually on cardiovascular disease prevention | Outreach plan for educating the community on heart attack care | Outreach plan for educating the community on heart attack care | Annual heart failure public education activities, regular support group meetings, self-management heart failure education for patients and families |

**Performance Measures**

| Standardized measures | Standardized measures | Standardized measures | Standardized measures |

**Review**

| Two reviewers, two days | One reviewer, one day | One reviewer, one day | One reviewer, one day |

*Program candidates must be in the United States, operated by the U.S. government, or operated under a charter of the U.S. Congress
*Program-specific eligibility for these cardiac programs include the use of a standardized method of delivering care centered on evidence-based guidelines for cardiac care
*General Disease-Specific Certification eligibility requirements apply

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