I. PURPOSE
This policy defines the requirements for designation as a Contra Costa County STEMI Receiving Center (SRC) for patients transported via the 9-1-1- system with ST-elevation myocardial infarction (STEMI) who may benefit by rapid assessment and percutaneous coronary intervention (PCI).

II. APPLICATION PROCESS
To apply for designation as an EMS SRC for Contra Costa County patients, an interested hospital shall:
A. Submit a Contra Costa EMS designation application to the Contra Costa EMS Agency (LEMSA).
B. Pay applicable initial application fee and annual designation fee to cover initial and ongoing County costs to support the STEMI program.

III. DESIGNATION CRITERIA
A. Current California licensure as an acute care hospital providing basic emergency medical services.
B. Ability to enter into a written agreement with Contra Costa County identifying SRC and County roles and responsibilities.
C. Meets SRC designation criteria as defined in the STEMI designation application. The criteria include:
   1. Hospital Services
      a. Special permit for cardiac catheterization (cath) laboratory.
      b. Intra-aortic balloon pump capability.
      c. Special permit for cardiovascular surgery service.
         i. The LEMSA Medical Director may waive this requirement for patient or system needs.
         ii. Conformance with the American College of Cardiology/American Heart Association/Society for Cardiovascular Angiography and Intervention (ACC/AHA/SCAI) guidelines for centers without backup cardiovascular surgery will be evaluated in consideration of the waiver.
      d. Continuous availability of PCI resources twenty-four (24) hours/seven (7) days a week.
   2. Hospital-Personnel
      a. SRC Medical Director
      b. SRC Program Manager
      c. Cardiac Cath Lab Manager/Coordinator
      d. Intra-aortic balloon pump technician(s)
      e. Appropriate cardiac cath nursing and support personnel
f. Physician Consultants
   i. Cardiology Interventionalist
   ii. CV Surgeon

3. Clinical Capabilities
   a. ACC/AHA/SCAI guidelines for activity levels of facilities and practitioners for both primary PCI and total PCI events are optimal benchmarks.
   b. Performance (timeliness) and outcome measures will be assessed initially in the survey process, and will be monitored closely on an ongoing basis.

D. Appropriate internal (hospital) policies including:
   1. Cardiac Interventionalist activation
   2. Cardiac cath lab team activation
   3. STEMI contingency plans for personnel and equipment
   4. Coronary angiography
   5. PCI and use of fibrinolytic
   6. Interfacility transfer STEMI policies/protocols

E. Performance Improvement Program
   1. Participation in EMS system SRC QI Committee
      a. LEMSA Medical Director
      b. LEMSA Quality Improvement (QI) Coordinator
      c. Designated cardiologist from each SRC
      d. Designated QI representative from each SRC
   2. Meetings to be held at the discretion of the LEMSA and at the request of the SRCs.
   3. Written internal quality QI/program description for STEMI patients shall include appropriate evidence of an internal review process. The plan/program description is made available to the LEMSA as requested.
   4. Participation in prehospital STEMI-related educational activities.

F. Data Collection, Submission and Analysis
   1. Participation in National Cardiac Data Registry (NCDR)
   2. Participation in EMS system data collection.

IV. DESIGNATION
   A. SRC designation will be awarded to a hospital following satisfactory review of written documentation and an initial site survey by LEMSA staff.
   B. SRC designation period will coincide with the period covered in the written agreement between the SRC and the County.
V. BASIS FOR LOSS OF DESIGNATION
   A. Inability to meet and maintain SRC designation criteria
   B. Failure to provide required data
   C. Failure to participate in STEMI system QI activities
   D. Other criteria as defined and reviewed by the SRC QI Committee

VI. LIST OF STEMI CENTERS

<table>
<thead>
<tr>
<th>Contra Costa County STEMI Centers</th>
<th>Out-of-County STEMI Centers</th>
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<tbody>
<tr>
<td>John Muir Medical Center – Concord</td>
<td>Kaiser Permanente Medical Center - Oakland</td>
</tr>
<tr>
<td>John Muir Medical Center – Walnut Creek</td>
<td>Summit Medical Center - Oakland</td>
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<tr>
<td>Kaiser Permanente Medical Center – Walnut Creek</td>
<td>Kaiser Permanente Medical Center - Vallejo</td>
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<tr>
<td>San Ramon Regional Medical Center – San Ramon</td>
<td>Kaiser Permanente Medical Center – San Rafael</td>
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<tr>
<td>Sutter Delta Medical Center - Antioch</td>
<td>Marin General - Greenbrae</td>
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<td>ValleyCare Medical Center - Pleasanton</td>
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