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|  | COUNTY OF SACRAMENTO EMERGENCY MEDICAL SERVICES AGENCY | Document # | 8827.10 |
| | PROGRAM DOCUMENT: 12-Lead ECG | Initial Date: | 02/23/05 |
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 Signature on File
 EMS Medical Director

 Signature on File
 EMS Administrator

Purpose:

- A. To serve as an advanced life support skill guideline for utilizing 12-Lead Electrocardiogram (ECG).

Authority:

- A. California Health and Safety Code, Division 2.5
- B. California Code of Regulations, Title 22, Division 9

Indications:

- A. Discomfort/Pain of Suspected Cardiac Origin policy, PD#8030 in stable adult patients.
- B. Consider obtaining 12-Lead ECG for patients over forty (40) with the following symptoms:
 - Upper Abdominal Pain per Abdominal Pain policy, PD#8007
 - Diabetic patients
 - Symptomatic Bradycardia per Cardiac Dysrhythmias policy PD #8024
 - Symtomatic Tachycardia per Cardiac Dysrhythmias policy, PD #8024
 - Patients over seventy-five (75) years with atypical* signs or symptoms of acute coronary syndrome (ACS).

**Atypical ACS signs and symptoms include: Atypical chest pain, shortness of breath, nausea, hypotension, brady/tachydysrhythmias or syncope.*

Special Considerations:

- A. Patients should not have transport unduly delayed by attempts to obtain a 12-Lead ECG.
- B. All 12-lead ECGs consistent with an acute STEMI, shall be transmitted to the STEMI receiving facility. If the 12 lead is not transmitted, the reason must be documented in the ePCR.
- C. A copy of all 12-Leads obtained during prehospital care, shall be delivered to the receiving facility with the patient.
- D. 12-Lead ECGs may be transmitted to an ALS Base Hospital when requesting a medical consult for interpretation.
- E. 12 Lead ECG computer interpretations reading “Acute MI”, “Acute MI Suspected”, “ST Elevation Criteria Met”, or “STEMI” are accepted as consistent with an acute myocardial infarction.

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| Cross Reference: | Discomfort/Pain of Suspected Cardiac Origin | PD #8030 |
| | Hospital Services | PD #2060 |
| | Cardiac Dysrhythmias | PD #8024 |
| | Abdominal Pain | PD #8007 |