County of San Luis Obispo Public Health Department

Procedure #707

Effective Date; 08/01/2019

Division: Emergency Medical Services Agency

12-LEAD ECG	
ADULT	PEDIATRIC (≤34KG)
BLS	

Universal Protocol #601

Pulse Oximetry - O₂ administration per Airway Management Protocol #602

ALS Standing Orders

- Used in conjunction with appropriate EMS Protocol, or at paramedic discretion
- Obtain early
- Serial 12-lead ECGs should be obtained when possible
 - If capable transmit 12-lead ECGs that are positive for STEMI to the receiving SRC (French/Marian) per STEMI Triage and Destination Policy #152

Base Hospital Orders Only As needed Notes

Indications:

- Signs and symptoms suggestive of Acute Coronary Syndrome (ACS) as defined in Chest Pain/ Acute Coronary Syndrome Protocol #640
- Atypical symptoms or anginal equivalents such as; shortness of breath, syncope, dizziness, weakness, diaphoresis, nausea/vomiting or altered level of consciousness
- O Cardiac dysrhythmia/respiratory distress/cardiogenic shock
- Post cardioversion
- Cardiac arrest patients with return of spontaneous circulation (ROSC)
- Diabetic patients with shortness of breath
- Consider not performing a 12-lead ECG:
 - Trauma unless an event of cardiac origin is suspected
 - An uncooperative patient
- Documentation
 - o 12-lead ECG shall be a part of the patient record either attached or as part of an ePCR
 - A copy of the 12-lead ECG shall be delivered to the personnel at the receiving hospital responsible for continued care of the patient and be included in the patient care record
- Contact and transport to STEMI Receiving Center (SRC), French or Marian, when:
 - o Positive reading for STEMI "***STEMI***" or equivalent reading
 - STEMI Alerts or ROSC and when capable transmit the 12-lead ECG to the receiving SRC (French/Marian) per STEMI Triage and Destination Policy #152
 - 12-Lead Consults Contact the SLO SRC (French) when transmitting 12-lead ECG for consultations per STEMI Triage Destination Policy #152