

**San Joaquin County
Emergency Medical Services Agency**



ALS Chest Pain

AUTHORITY: Division 2.5, Health and Safety Code, Sections 1797.220 & 1798 et seq.

POLICY:

I. Perform routine ALS/BLS medical care.

II. Treatment:

- A. Oxygen 12 - 15 lpm via non-rebreather mask.
- B. IV of normal saline TKO.
- C. Administer nitroglycerin 0.4 mg SL - if systolic blood pressure is above 90 mmHg. May repeat every 5 minutes if signs/symptoms persist and systolic BP remains above 90 mmHg.
- D. If patient is able to swallow, give Aspirin 325 po.
- E. Perform 12 Lead ECG – Initiate STEMI Alert* if indicated.
- F. Transport.

III. STEMI ALERT Process:

- A. Contact SRC ASAP to announce the STEMI alert, provide an ETA, and state that transmission of the 12 lead ECG will be sent when en route (if equipped to do so).
- B. Initiate rapid transport to a STEMI receiving center per EMS Policy No. 5201, Medical Patient Destination.
- C. Transmit ECG to SRC when en route to the SRC (if equipped to do so).
- D. Administer morphine sulfate 2 mg slow IVP if patient is still symptomatic after three (3) Nitroglycerin doses, or if Nitroglycerin is contraindicated.
 - 1. May repeat morphine sulfate 2-4 mg slow IVP every 3-5 minutes to a maximum of 15 mg total. Monitor BP and respirations between dosages. Do not repeat doses if systolic BP less than 90 mmHg.

NOTE: *All STEMI alerts shall be based on the cardiac monitor/defibrillator manufacture’s operating instructions regarding STEMI alerting messages. LP12 (** ACUTE MI SUSPECTED **); LP15 (** MEETS ST ELEVATION MI CRITERIA **); Zoll E Series (** ** ** ** ACUTE MI ** ** ** **)

IV. Special Considerations for all patients:

- A. If systolic blood pressure less than 90 mmHg, administer a 250 cc fluid bolus.

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Medical Director

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EMS Administrator

- B. Nitroglycerin is contraindicated and should **NOT** be administered to patients of either gender who have taken Viagra, (sildenafil citrate) or Levitra (vardenafil HCL) within 24 hours or Cialis (tadalafil) within 36 hours.
- C. Aspirin should NOT be administered to patients with an aspirin allergy or active GI bleeding.

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