



# County of Santa Cruz

## HEALTH SERVICES AGENCY

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EMERGENCY MEDICAL  
SERVICES PROGRAM

Protocol No. C2-P  
Reviewed 4/2009

### Emergency Medical Services Program

Approved

Medical Director

**Subject: PULSELESS ELECTRICAL ACTIVITY**

#### **I. BLS Treatment Protocol:**

- A. Treat life threats (See Policy 4000)
- B. Prepare for transport / transfer of care.

#### **II. ALS Treatment Protocol:**

- A. Treat life threats (See Policy 4000)
- B. Consider and treat possible causes:
  - Hypovolemia
  - Hypoxia
  - Hydrogen ion- acidosis
  - Hyper/ Hypokalemia
  - Hypothermia
  - Toxins/Tablets (Drug OD)
  - Tamponade- cardiac
  - Tension Pneumothorax
  - Trauma
  - Hypoglycemia
- C. Epinephrine 0.01mg/kg 1:10,000 IV/ IO (0.1ml/kg)  
Repeat Epinephrine every 3-5 minutes (regardless of route).
- D. If the patient remains unresponsive to treatment despite the thorough implementation of this protocol, paramedics may consider making a field determination of death as outlined in Policy 1140.
- E. When transporting, contact the receiving hospital as soon as possible.