Title: Pulseless Electrical Activity / Asystole - ALS
Section: Cardiovascular
Approved: EMS Medical Directors Consortium
Effective: January 18, 2019

For patients with ROSC, see Adult Post-Cardiac Arrest Care & Therapeutic Hypothermia procedure

CAUSES
- Hypoxia
- Tension pneumothorax
- Suspected opioid overdose
- Suspected tricyclic antidepressant
- Dialysis patient/Renal failure
- Hyperkalemia
- Hypovolemia

SPECIFIC TREATMENT
- Check placement of advanced airway
- Needle decompression
- Consider Naloxone 2 mg IV/IO
- Consider Sodium Bicarb 1 AMP IV/IO (50 ml [50 mEq] of 8.4% solution)
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- Normal Saline bolus

* If ETCO₂ < 10 mmHg, attempt to improve CPR quality