

Trauma: Electrical Injuries

EMR

- If cardiac arrest initiate CPR per AHA Guidelines, use AED, & request ALS
- Consider C-Spine
- ABC's and vital signs
- Airway management with **oxygen** therapy maintaining a SaO₂ of 94-98% through titration
- Manage burn injuries as per burn protocol, entrance/exit wounds

EMR STOP

EMT

- If BP drops < 90mmHg Systolic treat for shock
- Cardiac monitor, 12 Lead EKG, if available

EMT STOP

EMT IV

ADVANCED EMT

- Vascular access (large bore) - refer to burn protocol
- Maintain systolic pressure >90 mmHg

EMT IV / ADVANCED EMT STOP

Key Points/Considerations

- Be aware of scene safety
- Ventricular fibrillation and asystole are the most common dysrhythmias
- Damage is often hidden; the most severe damage will occur in muscle, vessels, and nerves
- In lightning strikes with multiple victims treat those in cardiac arrest first, instead of normal triage.