

# PAIN & DISABILITY<sup>SM</sup>

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## Electrical Injuries - GENERAL

### Background:

Electrical injuries are infrequent but will be eventually encountered by most practitioners of emergency medicine. These injuries run a gamut of both diagnostic and treatment modalities. Generally, they may be classified as lightning, low voltage and high voltage.

High Voltage (and, Occasionally, Low Voltage With Flash Burns):

- Flash or Thermal Burns:
- Arc Burns:
- Contact Burns:
- Documenting the Types of Burns:
- Lightning:

### Causes:

- Lightning
- High Voltage AC
- Low Voltage ACP
- DC

### Lab Studies:

- Blood Work
- Chest X-Rays
- Electrocardiogram (ECG)
- Electroencephalogram (EEG)

### Treatment:

- Surgical
- Medical
- Physical Medicine Rehabilitation

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