

## Kittitas County Prehospital EMS Protocols

**SUBJECT: EPINEPHRINE 1:10,000**

**ACTION:**

Positive Chronotrope, positive Inotrope, causes bronchodilation

**INDICATIONS:**

Ventricular fibrillation, asystole, PEA, anaphylaxis or severe allergic reaction.

**CONTRAINDICATIONS:**

None when used in situations listed above.

**PRECAUTIONS:**

Should be protected from light, can be deactivated by alkaline solutions.

**SIDE EFFECTS:**

Tachyarrhythmias.

**DOSAGE:**

Cardiac Arrest (IV): 1.0 mg repeat every 3-5 min.

Anaphylaxis or Severe Allergic Reaction: 0.3-0.5 mg (1.5-2.5 mL).

**ROUTE:**

IV, ET, IO, Intracardiac (not recommended)

**PEDIATRIC DOSE:**

0.01 mg/kg repeat initial IV dose only in cardiac arrest.