

# Kittitas County Prehospital EMS Protocols

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

**ACTION:**

Bronchodilation, positive Inotrope, positive Chronotrope

**INDICATIONS:**

Bronchial asthma, anaphylaxis, bradyarrhythmias

**CONTRAINDICATIONS:**

Patients with underlying cardiovascular disease, hypertension, pregnancy and patients with tachyarrhythmias.

**PRECAUTIONS:**

Protect from light. Blood pressure, pulse and EKG must be monitored.

**SIDE EFFECTS:**

Palpitations, anxiousness, headache

**DOSAGE:**

0.3-0.5 mg in anaphylaxis

Drip administration at 2-10 mcg/min with 1mg per every 100 ml **Isotonic Crystalloid** for a concentration of 10 mcg/ml.

2mg ET for cardiac arrest (2 mg mixed with 8cc Normal Saline)

**ROUTE:**

IM

ET

IV Infusion

**PEDIATRIC DOSE:**

0.01 mg/kg for anaphylaxis and cardiac arrest dose.

ET tube dose is : 0.1 mg/kg

0.15 mg IM for severe allergic reaction