



**REGION 11 CHICAGO EMS SYSTEM  
DRUG TABLE**

Drug Name: Epinephrine – Allergic Reaction and/or Anaphylaxis

Approved: EMS Medical Directors Consortium

<b>DRUG NAME - GENERIC</b>	<b>Epinephrine: Allergic Reaction and/or Anaphylaxis</b>
<b>DRUG NAME - TRADE</b>	Epinephrine, EpiPen, EpiPen Jr
<b>DRUG CLASSIFICATION</b>	Adrenergic agonist
<b>DOSAGE FORMS</b>	1:1,000 (1 mg/mL), 1:10,000 (0.1 mg/mL)
<b>ACTION(S)</b>	- Stimulates alpha and beta receptors resulting in increased blood pressure, increased heart rate, bronchodilation.
<b>INDICATIONS</b>	- Allergic reaction and/or anaphylaxis
<b>CONTRAINDICATIONS</b>	- None in anaphylaxis - Use with caution if patient has history of hypertension, angina, cardiac disease or hyperthyroidism
<b>ADULT DOSE / ROUTE</b>	<b>ALS and BLS</b> - 0.3 mg IM (0.3 mL of 1 mg/mL concentration [1:1,000]) May repeat x1 in 5-10 min. <b>ALS Only</b> - Sustained severity or deterioration: 0.1 mg IV (1 ml of 0.1mg/mL concentration [1:10,000]). May repeat every 5 minutes as indicated.
<b>PEDIATRIC DOSE / ROUTE</b>	<b>ALS</b> - 0.01 mg/kg IM (0.01 mL/kg of 1mg/mL concentration [1:1,000]). May repeat x1 in 5-10 min. Sustained severity or deterioration: 0.01 mg/kg IV/IO (0.1 mL/kg of 0.1 mg/mL concentration [1:10,000]). May repeat every 5 minutes as indicated. <b>BLS</b> - If length < 48 inches, 0.15mg IM (0.15 mL of 1mg/mL concentration [1:1,000]) If length ≥ 48 inches, 0.3 mg IM (0.3 mL of 1mg/mL concentration [1:1,000]) - If second dose indicated, contact OLMC
<b>SIDE EFFECTS</b>	- Palpitations, tachycardia, hypertension, angina, anxiety, tremors, headache