

Epinephrine (Adrenalin®)

Indication: Anaphylaxis

Adult dose range:

- 0.3 mg (1:1,000) SQ or IM using an auto-injector.
- Repeat every 5-10 minutes as needed for respiratory and hemodynamic support

Pediatric dose range:

- Patient >30kg 0.3 mg IM using an auto-injector
- Patient 10-30kg 0.15mg IM using junior auto-injector

Time to onset: 3-10min

Duration of effect: 3-5 minutes IV

Contraindications:

- Hypersensitivity to epinephrine

How is it given?

- Auto-injector

What should be monitored?

- Blood pressure
- Heart rate
- Pulmonary function

What side effects/potential complications are expected?

- Tachycardia, palpitations, angina
- Flushing, hypertension

Are there any special instructions/considerations?

- For anaphylaxis, give epinephrine early and often