General description

Epinephrine (adrenaline) is an adrenal hormone with sympathomimetic activity. It has multiple therapeutic uses including management of severe allergic reactions (anaphylaxis), and management of life-threatening emergencies such as cardiac arrest, severe asthma and in cardiopulmonary resuscitation.

INN | Epinephrine
---|---
ATC codes | C01CA24 S01EA01 R03AA01
Medicine type | Biological agent
EML status history | First added in 1977 (TRS 615) for Asthma
| Added in 1979 (TRS 641) for Anaphylaxis
| Added in 1979 (TRS 643) for Primary open-angle glaucoma
| Added in 1997 (TRS 882) for Cardiac arrest
| Added in 2003 (TRS 920) for Chronic obstructive pulmonary disease

Wikipedia | Epinephrine
DrugBank | Epinephrine

Recommendations

Section | Antiallergics and medicines used in anaphylaxis
Parenteral > General injections > unspecified: 1 mg in 1 mL ampoule (as hydrochloride or hydrogen tartrate)

Indications

Anaphylaxis

Section | Antiarrhythmic medicines
Parenteral > General injections > IV: 100 µg per mL in 10 mL ampoule (as acid tartrate or hydrochloride)

Indications

Cardiac arrest
**Ophthalmological preparations > Mydriatics**

Local > Ophthalmological > Solution (eye drops): 2% (as hydrochloride)

**Indications**

- Primary open-angle glaucoma

---

**Antiasthmatic and medicines for chronic obstructive pulmonary disease**

Parenteral > General injections > unspecified: 1 mg per mL in ampoule (as hydrochloride or hydrogen tartrate)

**Indications**

- Asthma
- Chronic obstructive pulmonary disease