



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 | <p>First added in 1977 (TRS 615) for Asthma</p> <p>Added in 1979 (TRS 641) for Anaphylaxis</p> <p>Added in 1979 (TRS 641) for Primary open-angle glaucoma</p> <p>Added in 1997 (TRS 882) for Cardiac arrest</p> <p>Added in 2003 (TRS 920) for Chronic obstructive pulmonary disease</p> |
| 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

Section Ophthalmological preparations > Mydriatics

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

Indications

Primary open-angle glaucoma

Section 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

