Epinephrine



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 Changed in 1979 (TRS 641) for Anaphylaxis Changed in 1979 (TRS 641) for Primary open-angle glaucoma Changed in 1997 (TRS 882) for Cardiac arrest Changed 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

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