Ephedrine intravenous for adults

Who can administer

Administration RESTRICTED- see Appendix 1

Important information

- Administration via a large vein or central line (ref 1)
- Contraindicated in combination with non-selective Monoamine Oxidase Inhibitors (MAOI) or within 14 days of their withdrawal

Available preparations

Ephedrine 30mg in 1ml ampoule

Reconstitution

- **Draw up using a 5 micron filter needle**
- **Dilute further prior to administration**

Infusion fluids

Sodium Chloride 0.9% or Glucose 5% [ref 1]

Methods of intravenous administration

Slow intravenous injection

- Dilute one ampoule (1ml) with 9ml Sodium Chloride 0.9% [ref 1]
- This gives a 3mg/1ml solution
- Administer slowly over at least 3 minutes [ref 1]

Dose in adults

Usual dose: Reversal of hypotension from spinal or epidural anaesthesia

- Give in increments of 3 to 7.5mg
- Maximum dose is 30mg

Monitoring

- Monitor blood pressure, heart rate [ref 2]

Storage

Do not store above 25^{0}C

References

Ephedrine (Ethypharm) SPC June 2019

1: Injectable medicines administration guide downloaded from Medusa 4th July 2023

2: Injectable Drugs guide, downloaded from MedicinescompleteÂ 4th July 2023

Therapeutic classification

Sympathomimetic