Cyclizine Intravenous for Adults

Who can administer

May be administered by registered competent doctor or nurse/midwife

Available preparations

Valoid 50mg per 1ml ampoule

Reconstitution

Already in solution

Draw up using a 5 micron filter needle

Infusion fluids

Not applicable - product ready for use

Methods of intravenous administration

Slow intravenous injection

- **Administer over at least 3 minutes** [ref 1] **as rapid intravenous injection can lead to symptoms similar to those of overdose**
- It may be diluted with exactly 10ml Sodium chloride 0.9% or Glucose 5% to aid slow administration [ref 1]
- Immediately after dilution, and again just before administration, check the solution for signs of precipitation. Discard if there is any cloudiness or haze formation (unlicensed) [ref 1]

Dose in adults

Usual dose

- **Nausea and vomiting**: 50mg, repeated up to three times daily
- **Prevention of post-operative nausea:** Give 50mg, 20 minutes before anticipated end of surgery
- **Prevention of regurgitation and aspiration during emergency surgery:** Give 25mg before induction of general anaesthesia

Further information

- Case reports of paralysis in patients using intravenous cyclizine - use with particular caution in patients with underlying neuromuscular disorders
- Cyclizine can have a hypotensive effect when given by the intravenous route
- Extravasation is likely to cause tissue damage due to its low pH [ref 1]
- Cyclizine is extremely irritant and can cause injection site reactions, including vein tracking, erythema, pain, rash, thrombophlebitis
  [ref 1]
- Blisters at the site of injection and pruritus, as well as sensation of heaviness, chills, agitation, flushing and hypotension have been reported with the IV route of administration

Storage

Store below 25^{0}C

References

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1: Injectable Medicines administration guide, downloaded from Medusa 10/02/2025

Therapeutic classification

Drug used in nausea and vertigo