

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**
- If the volume is too small to be given as a slow intravenous injection, it may be diluted with 5 to 10ml Water for injections, Sodium chloride 0.9% or Glucose 5%. 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 and blisters ^(ref 1)

Storage

Store below 25°C

References

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1: Injectable Medicines administration guide, downloaded from Medusa 14/10/2021

Therapeutic classification

Drug used in nausea and vertigo