

# 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** <sup>(ref 1)</sup> **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 <sup>(ref 1)</sup>
- 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) <sup>(ref 1)</sup>

## 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 <sup>(ref 1)</sup>
- Cyclizine is extremely irritant and can cause injection site reactions, including vein tracking, erythema, pain, rash, thrombophlebitis <sup>(ref 1)</sup>
- 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°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