

CYCLIZINE

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| SYNONYMS | Cyclizine lactate |
| BRAND NAME | VALOID |
| DRUG CLASS | Antiemetic, antihistamine |
| AVAILABILITY | Ampoule contains 50 mg/mL of cyclizine lactate. The solution is clear and colourless. ¹ |
| pH | 3.3–3.7 ¹ |
| PREPARATION | Not required |
| STABILITY | Store below 25 °C. Protect from light. ¹ |
| ADMINISTRATION | |
| IM injection | Suitable ^{2,3} |
| SUBCUT injection | Used in palliative care as an intermittent injection or as a continuous subcutaneous infusion. ⁴ |
| IV injection | Inject slowly over 3 to 5 minutes. ¹ May be diluted with glucose 5% or water for injections to facilitate slow injection. Sodium chloride 0.9% may be used to flush the line. See SPECIAL NOTES |
| IV infusion | No information |
| COMPATIBILITY | |
| Fluids | Glucose 5% ² |
| Y-site | No information |
| Syringe | Information about compatibility with other medicines in a syringe driver is available. ⁴ |
| INCOMPATIBILITY | |
| Fluids | Sodium chloride 0.9% ^{2,4} see SPECIAL NOTES |
| Drugs | Hyoscine butylbromide ⁵ , ketorolac ⁵ , octreotide ⁵ Incompatibility may depend on concentration. Consult a pharmacist, pharmacy department or medicines information service for more information. |
| SPECIAL NOTES | May cause irritation at the injection site. ⁴ There is conflicting information about the compatibility of cyclizine with sodium chloride 0.9%. Sodium chloride 0.9% is not a suitable diluent for continuous subcutaneous infusion as precipitation within 24 hours has been reported. ² |

REFERENCES

1. Product information. Available from www.tga.gov.au. Accessed 19/01/2021.
2. McEvoy GK editor. Handbook on injectable drugs. 20th ed. Bethesda, MD: American Society of Health-System Pharmacists; 2018.
3. Cyclizine lactate 50mg/mL injection. Summary of product characteristics. Gloucester, UK: Hameln Pharma. Approved 31/05/2018. Updated 01/04/2020. Available from www.medicines.org.uk. Accessed 21/01/2021.
4. Twycross R, Wilcock A, Howard P. Palliative Care Formulary. 6th ed. London: Pharmaceutical Press; 2017.
5. Cyclizine lactate. In: IV index [internet]. Trissel's 2 clinical pharmaceutics database (parenteral compatibility). Greenwood Village, CO: Truven Health Analytics. Accessed 19/01/2021.