

Who can administer

May be administered by registered competent doctor or nurse/midwife

Important information

- **Administration by the intramuscular (IM) route is preferred** -Â give IV only if patient unable to receive IM ^(ref 1)
- The IM injection is reported to have a similar onset of action as the IV injectionÂ ^(ref 2,3,4)Â ,however some sources suggest the IV route may have a quicker onset ^(ref 5)Â
- **Unlicensed preparation**
- Also known as **benztropine**

Available preparations

Benzatropine 2mg per 2ml vial

Reconstitution

Already in solution

Methods of intravenous administration

Slow intravenous injection

- Administer slowly over at least 3 minutes ^(ref 1)
- Use undiluted or dilute with Sodium chloride 0.9% to aid slow administration or accurate dose measurement ^(ref 1)

Dose in adults

Usual dose

- Give 1 to 2mg ^(ref 2,3,5,6,7)
- A second dose may be given if there has been no response after 10 minutes ^(ref 2,5)

Monitoring

- Monitor vital signs

Further information

- Used as an alternative to Procyclidine injection which has been discontinued (2026)

Storage

Store below 25°C

References

1. Medusa, accessed 26/05/26
2. NHS Specialist pharmacist service 'Benztropine injection for acute dystonic reactions' 20/05/26
3. Martindale, accessed 26/05/26
4. Package insert , revised Oct 2022
5. RCEM learning 'Acute Dystonia' 8/12/23
6. Toxbase, accessed 27/05/26
7. Injectable Drugs Guide, accessed 26/05/26

Therapeutic classification

Antidote