

Who can administer

May be administered by registered competent doctor or nurse/midwife

Important information

- Unlicensed preparation

Available preparations

Burinex 2mg per 4ml ampoule (Swedish preparation)

Reconstitution

Not required- already in solution

Infusion fluids

Sodium chloride 0.9% or Glucose 5% ^(ref 1)

Methods of intravenous administration

Slow intravenous injection ^(ref 2)

- **Doses up to 2mg only**
- Administer slowly over 1 to 2 minutes

Intermittent intravenous infusion

- **For doses over 2mg**
- Add required dose to a suitable volume of infusion fluid
- While 500mL has been suggested as a suitable volume, solutions containing 1mg per 10mL have been used. If a 50mL infusion volume is used the residual volume in the infusion line must be flushed through at the same rate to avoid significant underdosing
- Administer over 30 to 60 minutes
- Protect from direct sunlight ^(ref 2)

Dose in adults

Slow intravenous injection or intermittent intravenous infusion ^(ref 1)

- Give 0.5 to 1mg per dose
- If diuretic response to initial dose is not adequate, may repeat in two to three hours for up to 2 doses
- Maximum dose is 10mg/day

Elderly patients ^(ref 2)

- Use lower doses

Monitoring

- Monitor fluid balance and electrolytes closely
- Monitor blood glucose levels
- Monitor blood pressure
- Monitor LFTs and renal function ^(ref 2)

Storage

Store below 25⁰C

References

SPC Burinex, 23rd May 2017

1. Uptodate, downloaded 9th May 2023
2. Injectable drugs guide, downloaded 9th May 2023

Therapeutic classification

Loop diuretic