# Furosemide

| Form: | 20mg per 2ml  
|       | 50mg per 5ml |
| Reconstitution: | Already in solution |
| **Administration Method:** | **IV Injection**  
Can be administered undiluted or to aid slow administration can be diluted to any suitable volume.  
Doses of up to 50mg may be given via slow IV injection at a maximum rate of 4mg/min (2.5mg/min in patients with severe renal impairment).  

**Intermittent IV Infusion**  
Can be administered undiluted or to aid slow administration can be diluted to any suitable volume.  
Administer slowly using an infusion pump at a maximum rate of 4mg/min (2.5mg/min in patients with severe renal impairment).  

**Continuous IV Infusion** (preferred as may be more effective)  
Can be administered undiluted or to aid slow administration can be diluted to any suitable volume.  
Administer slowly using an infusion pump at a maximum rate of 4mg/min (2.5mg/min in patients with severe renal impairment).  

**IM Injection**  
Use restricted to exceptional cases only where the oral and IV routes are unavailable. Maximum IM dose is 50mg.  

**Extravasation:**  
Extravasation may cause tissue damage due to high pH.  

**Compatibility & Stability:**  
Sodium Chloride 0.9%  

**Special Notes:**  
- **Do not dilute furosemide injection with glucose injections.**  
- Do not use infusion if it has becomes discoloured/yellow.  
- Monitor blood pressure, fluid balance, electrolytes (sodium and potassium) and creatinine.  
- Monitor infusion site for phlebitis.  
- Infusion at a rate greater than 4mg/min may result in ototoxicity which may not be reversible.  
- Maximum infusion rate in patients with severe renal impairment is 2.5mg/min to reduce the likelihood of ototoxicity.  

Information provided relates to Furosemide injection manufactured by Claris and Mercury.

*This information has been summarised to act as a guide for those administering IV medication. The monograph should be used in conjunction with the drug data sheet and BNF for information on dose, adverse effects, cautions and contra-indications. Further information is available from Pharmacy on 22146 or 22542.*