

Morphine Sulphate

Potential SALAD		
Use separate storage locations within the controlled drug cupboard such as different shelves for low strength products used for bolus administration and high strength products used to prepare infusions.		
CAUTION: High Administration Risk Rating		
Form & Storage	10mg per 1mL ampoule 30mg per 1 mL ampoule 60mg per 1 mL ampoule <table border="1" style="float: right; margin-left: 20px;"> <tr> <td style="background-color: #f0e0e0; padding: 5px;">Controlled Drug (CD): Must be stored in CD Press</td> </tr> </table>	Controlled Drug (CD): Must be stored in CD Press
Controlled Drug (CD): Must be stored in CD Press		
Reconstitution	Already in Solution <ul style="list-style-type: none"> Draw up using a 5 micron filter needle Use gloves when opening ampoules 	
Compatibility & Stability	Sodium Chloride 0.9% Glucose 5%	
Administration	<p><u>IV Injection</u> Administer over 4 - 5 minutes (2mg/min) May be further diluted in 4 - 5ml compatible fluid to aid administration by slow injection.</p> <p><u>IV Infusion</u> Refer to ITU guideline.</p> <p><u>IM Injection</u> No dilution required.</p> <p><u>SC Injection</u> No dilution required.</p> <p><u>Continuous SC Infusion</u> Dilute required dose with sodium chloride 0.9%</p>	
Antidote	Naloxone should be kept in all areas where opioids are administered.	
Monitoring	Blood pressure and pulse, LFTs, pain score, renal function: U, Cr, CrCl (or eGFR, respiratory rate.	
Notes	<ul style="list-style-type: none"> Prefilled syringes containing 90mg in 45 ml sodium chloride 0.9% for use in patient controlled analgesia are available from Pharmacy and must be ordered in a Controlled Drugs book. If commenced out of hours, Theatre Recovery or 4B may have a supply. For further information contact the Pain Nurse. IV doses of morphine have a greater analgesic effect than oral, IM or SC doses. Approximate Conversion: 1mg IV = 1 - 1.5mg IM/SC = 2 - 3mg PO. Administration via syringe driver is unlicensed and may increase the administration risk rating. To mitigate these risks: <ul style="list-style-type: none"> Contact the Pharmacy Department or Palliative care team for further guidance. Consult the Palliative Care Formulary accessible on www.medicinescomplete.com or the Syringe Driver Survey Database (SDSD) (available after registration on www.palliativedrugs.com) for guidance on syringe driver compatibility. 	

Information provided relates to Morphine Sulphate manufactured by Mercury Pharmaceuticals.

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