



ADULT Medication Monograph

MORPHINE

This document should be read in conjunction with this [DISCLAIMER](#)

[Formulary: Restricted](#)

[Formulary: Unrestricted](#)

 **HIGH RISK Medication**

Class	Opioid analgesic
Presentation	<p>Oral Mixture: 1mg/mL</p> <p>Tablet (Immediate Release): 10mg</p> <p>Tablet (Modified Release): 5mg, 10mg, 15mg, 30mg, 60mg, 100mg</p> <p>Ampoule: 5mg/mL, 10mg/mL</p> <p>Vial (For Intrathecal use): 500microg/mL</p> <p>Bag: 100mg in Sodium Chloride 0.85% (100mL)</p>
Storage	<p>Ampoule: Store at room temperature, below 25°C. Protect from light.</p> <p>Infusion solution: use within 24 hours.</p>
	Schedule 8 Medication
Dose	<p>Doses will vary widely depending on the indication and previous analgesic requirements.</p> <p>In acute pain and palliative care, there is no maximum dose; only adverse effects limit the morphine dose.</p> <p>Refer to Anaesthetics and relevant KEMH Clinical Guidelines for appropriate dose regimes (links below)</p>
Administration	<p>Oral:</p> <p><i>Modified release tablets:</i> Swallow whole, do not crush or chew</p> <p>IV injection:</p> <p>Dilution: Dilute dose in 4 to 5mL of water for injections or 0.9% sodium chloride</p> <p>Administration: Inject SLOWLY over 4 to 5 minutes for rapid onset of action</p>

	<p><u>IV Infusion:</u> <i>Dilution:</i> Dilute dose to required volume with a compatible fluid. <i>Administration:</i> Infuse using controlled rate infusion pump</p> <p><i>Compatible fluids:</i> Sodium Chloride 0.9%, Glucose 5%.</p> <p><u>IM injection:</u> Inject into a large muscle. Subcutaneous injection is preferred.</p> <p><u>SUBCUT injection:</u> Suitable for intermittent or continuous subcutaneous infusion.</p> <p><u>Intrathecal:</u> <i>For Anaesthetics use ONLY</i> Use only preservative free solutions</p>
Pregnancy	<p>1st Trimester: Considered safe to use 2nd Trimester: Considered safe to use 3rd Trimester: Monitoring required</p>
Breastfeeding	Considered safe to use
Monitoring	<p>Drowsiness, nausea, vomiting, respiratory rate, pruritus, urinary retention, constipation.</p> <p>Monitor cardiorespiratory status closely particularly with continuous infusion or repeated parenteral doses in opioid-naïve individuals.</p>
Clinical Guidelines and Policies	<p>HDWA Policies: Management of Schedule 8 and Restricted Schedule 4 Oral Liquid Medicines</p> <p>WNHS Policies: WNHS Policy: High Risk Medicines</p> <p>KEMH Clinical Guidelines: Postoperative management: Anaesthetics Emergency Centre Post- Operative IV Analgesia Flowchart Postnatal Care Palliative Care</p>

	<p><u>Labour and Post-operative Analgesia:</u></p> <ul style="list-style-type: none"> • <u>Epidural Analgesia in Labour</u> • <u>Administration of Epidural Therapy</u> • <u>Management of Common Problems Associated with Epidurals</u> • <u>Accidental Dural Puncture (ADP)</u> <p>KEMH Pharmaceutical & Medicines Management Guidelines:</p> <p><u>Medication Administration</u></p> <p><u>Restricted Schedule 4 (S4R) and Schedule 8 (S8) Medications</u></p> <p><u>Endorsed Midwives Prescribing</u></p>
References	<p>Australian Medicines Handbook. Morphine. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2019 [cited 2020 May 20]. Available from: https://amhonline.amh.net.au/</p> <p>The Royal Women's Hospital. Morphine. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2018 [cited 2020 May 19]. Available from: https://thewomenspbmg.org.au/</p> <p>Society of Hospital Pharmacists of Australia. Morphine. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2019 [cited 2020 May 19]. Available from: http://aidh.hcn.com.au</p> <p>Therapeutic Guidelines. Acute pain: perioperative. In: eTG complete [Internet]. West Melbourne (Victoria): Therapeutic Guidelines; 2018 [cited 2020 May 20]. Available from: https://tgldcdp.tg.org.au</p>

Keywords:	Morphine, pain, acute pain, analgesia, intrathecal, anaesthetist, opioid, analgesia, palliative care, MS Contin, Momex SR, Ordine, Sevredol, Kapanol		
Publishing:	<input checked="" type="checkbox"/> Intranet <input checked="" type="checkbox"/> Internet		
Document owner:	Chief Pharmacist		
Author / Reviewer:	KEMH Pharmacy Department		
Date first issued:	July 2015	Version:	4.0
Last reviewed:	May 2020	Next review date:	May 2023
Endorsed by:	Medicines and Therapeutics Committee	Date:	
Standards Applicable:	NSQHS Standards: 1  Governance, 4  Medication Safety, 8  Acute Deterioration		
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