



ADULT

FENTANYL (PARENTERAL)



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

HIGH RISK Medication 

Schedule 8 Medication

Presentation	<p>Ampoules: 100 microg/2mL Ampoules: 500 microg/10mL Bags: Fentanyl 2000microg/100mL (20microg/mL) (Baxter®) (100mL) Bags: Fentanyl 2.5 microg/mL with Bupivacaine 0.0625% Infusion (KEMH®)</p>
Dose	Refer to relevant KEMH Clinical Guidelines for appropriate dose regimes (links below)
Administration	<p><u>IV infusion</u> Preferred route. Use Baxter® 2000microg/100mL pre-filled bags where available Step 1 Dilution: Dilute 500 microg of Fentanyl with 90 mL of sodium chloride 0.9% or glucose 5% (Total volume should be 100mL) This makes 5microg/mL concentration Administration: Suitable as a continuous infusion or in patient-controlled analgesia (PCA) See KEMH Clinical Guideline links for more information</p> <p><u>IV injection</u> Inject undiluted over 3 to 5 minutes. May be diluted with sodium chloride 0.9% to facilitate slow injection</p> <p><u>SUBCUT injection</u> Suitable in palliative care patients</p>
Pregnancy	<p>1st Trimester: Considered safe 2nd Trimester: Considered safe 3rd Trimester: Considered safe</p>
Breastfeeding	Considered safe
Monitoring	Monitor sedation score and respiratory rate

Other clinical guidelines	Labour Analgesia Palliative Care Post-Operative IV Analgesia Flowchart Pain: Post-operative
References	<p>Australian Medicines Handbook. Fentanyl. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2017 [cited 2017 Nov 10]. Available from: https://amhonline.amh.net.au/</p> <p>The Royal Women's Hospital. Fentanyl. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2016 [cited 2017 Nov 10]. Available from: https://thewomenspbmg.org.au/</p> <p>Society of Hospital Pharmacists of Australia. Fentanyl. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2017 [cited 2017 Nov 10]. Available from: http://aidh.hcn.com.au</p> <p>Therapeutic Guidelines. Acute pain: perioperative. In: eTG complete [Internet]. West Melbourne (Victoria): Therapeutic Guidelines; 2017 [cited 2017 Nov 10]. Available from: https://tgldcdp-tg-org-au.kelibresources.health.wa.gov.au/etgAccess</p>

Keywords:	Fentanyl, post- operative pain, epidural analgesia, intravenous analgesia, PCIA, Opioid overdose, epidural opioids		
Publishing:	<input checked="" type="checkbox"/> Intranet <input checked="" type="checkbox"/> Internet		
Document owner:	Chief Pharmacist		
Author / Reviewer:	Pharmacy Department		
Date first issued:	December 2010	Version:	3.0
Last reviewed:	March 2017	Next review date:	March 2020
Endorsed by:	Medicines and Therapeutics Committee	Date:	Dec 2017
Standards Applicable:	NSQHS Standards: 1  Clinical Care is Guided by Current Best Practice 4  Medication Safety		
Printed or personally saved electronic copies of this document are considered uncontrolled. Access the current version from the WNHS website.			