



ADULT



# TRAMADOL

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

**Schedule 4 Restricted Medication**

<p><b>Presentation</b></p>	<p>Capsule (Immediate Release): 50mg Tablet (12 hour Controlled Release): 50mg Tablet (12 hour Controlled Release): 100mg Tablet (12 hour Controlled Release): 150mg Tablet (12 hour Controlled Release): 200mg Ampoule: 100mg/2mL</p>
<p><b>Dose</b></p>	<p><b><u>Pain</u></b> <b>IM, IV, Oral:</b> 50 - 100mg 2 hourly PRN</p> <p><b>Oral (12 hour controlled release):</b> 50 - 200mg every 12 hours</p> <p><b>Maximum total tramadol dose in 24 hours:</b></p> <ul style="list-style-type: none"> <li>• Inpatient: 600mg</li> <li>• Outpatient/discharge: 400mg</li> <li>• &gt;75years: 300mg</li> <li>• Anaesthetist must be contacted for doses &gt; 800mg/24 hours</li> </ul> <p><b><u>Post-operative Analgesia</u></b> <b>IV:</b> Tramadol 100mg IV up to 10mL in NaCl 0.9%</p> <p><b><u>Management of epidural side effect (shivering) in neuraxial blockade</u></b> <b>IV:</b> 0.3mg/kg</p>
<p><b>Administration</b></p>	<p><b><u>Oral</u></b> Take with or without food</p> <p><b><u>IV Injection</u></b> Inject slowly over 2 to 3 minutes</p>

	<p><b><u>IV Infusion</u></b> (preferred parenteral route)</p> <p><b>Step 1 Dilution:</b> Dilute with 50 - 100mL NaCl 0.9% or Glucose 5%</p> <p><b>Step 2 Administration:</b> Infuse over at least 15 minutes</p>
<b>Pregnancy</b>	<p><b>1<sup>st</sup> Trimester:</b> Consider alternative</p> <p><b>2<sup>nd</sup> Trimester:</b> Considered safe to use</p> <p><b>3<sup>rd</sup> Trimester:</b> Considered safe to use</p>
<b>Breastfeeding</b>	Considered safe to use
<b>Monitoring</b>	<p><b>Serotonin Toxicity:</b> Treatment with other drugs may increase the likelihood of serotonin toxicity; avoid combinations or monitor carefully (e.g. antidepressants, ondansetron)</p> <p>Reduce dose in renal impairment</p>
<b>Other clinical guidelines</b>	<p><a href="#">Palliative Care</a></p> <p><a href="#">Management of Epidural Side Effects (Shivering) in Neuraxial Blockade</a></p> <p><a href="#">Post-Operative IV Analgesia Flowchart</a></p> <p><a href="#">Post Op Breakthrough Pain Treatment after Intrathecal Morphine</a></p> <p><a href="#">Miscarriage</a></p> <p><a href="#">Postnatal Midwifery Care: Prescribing and Giving Medications to Mothers of 6B Infants</a></p> <p><a href="#">S4R Prescription Only Medication Administration</a></p> <p><a href="#">S4R Medications - Administration Handling and Documentation</a></p> <p><a href="#">Reconstitution and Administration of Intravenous Medications</a></p> <p><a href="#">Standard Procedures for Reconstitution and Administration of Intravenous Drugs (Adults)</a></p>
<b>References</b>	<p>Australian Medicines Handbook. Tramadol. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2017 [cited 2017 Nov 12]. Available from: <a href="https://amhonline.amh.net.au/">https://amhonline.amh.net.au/</a></p> <p>MIMS Australia. APO-Tramadol. In: MIMS Online [Internet]. St Leonards (New South Wales): MIMS Australia; 2016 [cited 2017 Nov 12]. Available from: <a href="https://www.mimsonline.com.au">https://www.mimsonline.com.au</a></p> <p>Society of Hospital Pharmacists of Australia. Tramadol. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2017 [cited 2017 Nov 13]. Available from: <a href="http://aidh.hcn.com.au">http://aidh.hcn.com.au</a></p> <p>The Royal Women's Hospital. Tramadol. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2016 [cited 2017 Nov 12]. Available from: <a href="https://thewomenspbmg.org.au/">https://thewomenspbmg.org.au/</a></p>

Keywords:	Tramadol, opioid, pain, neuraxial blockade, post-operative analgesia, analgesia, pain relief, epidural side effects		
Publishing:	<input checked="" type="checkbox"/> Intranet <input checked="" type="checkbox"/> Internet		
Document owner:	Chief Pharmacist		
Author / Reviewer:	KEMH Pharmacy Department		
Date first issued:	May 2015	Version:	3.0
Last reviewed:	Nov 2017	Next review date:	Nov 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		
<b>Printed or personally saved electronic copies of this document are considered uncontrolled.          Access the current version from the WNHS website.</b>			

© Department of Health Western Australia 2016