



ADULT

MIDAZOLAM



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

HIGH RISK Medication 

Schedule 4 Restricted Medication

Presentation	Ampoule: 5mg/5mL
Dose	<p><u>Conscious Sedation:</u> IV: Initial dose 2-2.5mg; if elderly or debilitated, 1-1.5mg initially. After initial dose wait 3 minutes to check clinical effect before titrating each increment. Give further 1 mg doses as needed; total doses >5 mg rarely needed.</p> <p><u>Epidural and Spinal side effects:</u> IV: If nausea persists; infuse 1mg/hour for 24 hours. (This is rarely required and must be discussed with the duty anaesthetist)</p> <p><u>Eclampsia / Status Epilepticus:</u> IV: 0.1-0.2mg/kg (5 - 10mg) may be given if the seizure is long. May be followed by IV Infusion (0.75 - 10microg/kg/min). Refer to KEMH Clinical Practice Guidelines (links below)</p>
Administration	<p><u>IV injection:</u> <i>Dilution:</i> Use the lowest concentration (5 mg/5 mL) ampoule available and dilute in Glucose 5% or Sodium Chloride 0.9% if necessary to facilitate slow injection. <i>Administration:</i> Inject SLOWLY over at least 2 minutes. Allow at least 2 minutes between each dose increment then titrate dose to achieve desired sedative level.</p>

	<p><u>IV infusion:</u></p> <p><i>Dilution:</i> Dilute dose in Glucose 5% or Sodium Chloride 0.9% to a concentration of 0.5 to 1mg/mL</p> <p><i>Administration:</i> Give by continuous infusion</p> <p><u>IM Injection:</u></p> <p>NOT the preferred route. Inject deep into a large muscle.</p>
Pregnancy	<p>1st Trimester: Considered safe to use</p> <p>2nd Trimester: Considered safe to use</p> <p>3rd Trimester: Considered safe to use</p>
Breastfeeding	Considered safe to use
Monitoring	Requires ANZCA standard monitoring (HR, BP, SpO2) during infusion and post administration.
Clinical Guidelines	<p>Hypertension in Pregnancy: Medical Management</p> <p>Epidural Side Effects - Nausea</p> <p>Epidural Complications</p> <p>Adult Resuscitation Drug Protocols: Midazolam</p> <p>S4R Medications: Administration, Handling and Documentation</p> <p>Standard Procedures for Reconstitution and Administration of Intravenous Drugs (Adults)</p>
References	<p>Australian Medicines Handbook. Midazolam. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2017 [cited 2017 Nov 15]. Available from: https://amhonline.amh.net.au/</p> <p>The Royal Women's Hospital. Midazolam. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2016 [cited 2017 Nov 18]. Available from: https://thewomenspbmg.org.au/</p> <p>Society of Hospital Pharmacists of Australia. Midazolam. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2017 [cited 2017 Nov 18]. Available from: http://aidh.hcn.com.au</p> <p>MIMS Australia. Midazolam. In: MIMS Online [Internet]. St Leonards (New South Wales): MIMS Australia; 2016 [cited 2017 Nov 19]. Available from: https://www.mimsonline.com.au</p>

Keywords:	Midazolam, nausea, epidural, eclampsia, sedation, seizure		
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:	3.0
Last reviewed:	November 2017	Next review date:	Nov 2017
Endorsed by:	Medicines and Therapeutics Committee	Date:	Jan 2018
Standards Applicable:	NSQHS Standards: 1  Clinical Care is Guided by Current Best Practice 4  Medication Safety		
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