



NEONATAL

# DIAZEPAM




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

**Highly Restricted:** Requires neonatologist or neurology approval before commencing

 **HIGH RISK Medication**

<b>Presentation</b>	Ampoule: 10mg/2mL
<b>Classification</b>	Benzodiazepine
<b>Indication</b>	<ul style="list-style-type: none"> <li>Management of Seizures</li> </ul> <p><b>Not recommended as a first line agent; use only after multiple agents have failed</b></p>
<b>Dose</b>	<p><b>IV:</b>          100-300microgram/kg/dose given over 3-5 minutes</p> <p>Repeat every 15-30 minutes as necessary.  <b>Maximum total daily dose of 2mg</b></p>
<b>Monitoring</b>	Heart rate, respiratory rate, blood pressure
<b>Dose Adjustment</b>	Adjust according to response to a maximum of 2mg daily
<b>Compatible Fluids</b>	Glucose 5%, Sodium Chloride 0.9%
<b>Preparation</b>	Use undiluted.
<b>Administration</b>	<p><b>IV:</b> Inject undiluted over 3-5 minutes</p> <p><b>Note:</b> Rapid injection may cause apnoea, hypotension, bradycardia and respiratory and cardiac depression -monitor infant during administration</p>
<b>Adverse Reactions</b>	<p><b>Common:</b> hypotension, phlebitis, bradycardia</p> <p><b>Serious:</b> respiratory depression, CNS depression , extravasation</p>

<b>Storage</b>	Store ampoules below 25°C
<b>Interactions</b>	Diazepam interacts with a number of medications. Contact Pharmacy for further information.
<b>References</b>	<p>Takemoto CK, Hodding JH, Kraus DM. Pediatric &amp; neonatal dosage handbook with international trade names index : a universal resource for clinicians treating pediatric and neonatal patients. 24th ed. Hudson (Ohio): Lexicomp; 2401. 2, p609</p> <p>MIMS Australia. DBL Diazepam. In: MIMS Online [Internet]. St Leonards (New South Wales): MIMS Australia; 2019 [cited 2019 May 23]. Available from: <a href="https://www.mimsonline.com.au">https://www.mimsonline.com.au</a></p> <p>Paediatric Formulary Committee. British National Formulary for Children (2018-2019). London: BMJ Group. 2018</p>

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Author / Reviewer:	KEMH & PCH Pharmacy / Neonatology Directorate		
Date first issued:	August 2001	Version:	3.0
Last reviewed:	May 2019	Next review date:	May 2021
Endorsed by:	Neonatal Directorate Management Group	Date:	May 2019
Standards Applicable:	NSQHS Standards: 1  Governance 3  Infection Control 4  Medication Safety;		
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