



NEONATAL Medication Monograph





OMEPRAZOLE

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

Unrestricted: Any prescriber may initiate treatment

Presentation	Dispersible tablets: 10mg Oral suspension 2mg/mL (Prepared in pharmacy)											
Description	Proton pump inhibitor Reversibly reduces gastric acid secretion.											
Indications	Treatment of gastroesophageal reflux disease.											
Dosage	<p>Oral:</p> <table border="1"> <thead> <tr> <th>Current Weight</th> <th>Dose</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>< 10kg</td> <td>5mg</td> <td>Once a day</td> </tr> <tr> <td>10-20kg</td> <td>10mg</td> <td>Once a day</td> </tr> </tbody> </table> <p>Note: If giving oral mixture via a small bore feeding tube the dose may be adjusted to 1.5mg/kg/dose once daily Maximum of 20mg omeprazole per day</p>			Current Weight	Dose	Frequency	< 10kg	5mg	Once a day	10-20kg	10mg	Once a day
Current Weight	Dose	Frequency										
< 10kg	5mg	Once a day										
10-20kg	10mg	Once a day										
Adverse Reactions	<p>Common: GI side effects (diarrhoea, flatulence, vomiting), rash pruritus</p> <p>Serious: hypomagnesaemia, Clostridium difficile-associated diarrhoea, Stevens-Johnson syndrome, haemolytic anaemia, raised liver enzymes, interstitial nephritis</p>											
Preparation	<p>Dispersible Tablets : Disperse tablets in 2-3mL of water and administer within 30 minutes. Discard any unused medication Do not crush tablets. If the medication is to be administered via a small feeding tube, contact pharmacy for omeprazole suspension.</p>											

Administration	Oral: may be given at any time with regard to feeds. Shake bottle well before administering suspension.
Monitoring	Observe for symptomatic improvement. Serum vitamin B ₁₂ and serum magnesium in patients on prolonged therapy (1 to 2 years)
Storage	Tablets: Store at room temperature, below 25°C. Oral suspension: Refrigerate, do not freeze. Store between 2-8°C.
References	Australian Medicines Handbook. Omeprazole. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2019 [cited 2019 Jul 26]. Available from: https://amhonline.amh.net.au/ Takemoto CK, Hodding JH, Kraus DM. Pediatric & neonatal dosage handbook with international trade names index : a universal resource for clinicians treating pediatric and neonatal patients. 24th ed. Hudson (Ohio): Lexicomp; 2401. Truven Health Analytics. Omeprazole. In: NeoFax [Internet]. Greenwood Village (CO): Truven Health Analytics; 2019 [cited 2019 Jul 26]. Available from: https://neofax.micromedexsolutions.com/

Publishing:	<input checked="" type="checkbox"/> Intranet <input checked="" type="checkbox"/> Internet		
Document owner:	Head of Department - Neonatology		
Author / Reviewer:	KEMH & PCH Pharmacy / Neonatology Directorate		
Date first issued:	October 2008	Version:	3.0
Last reviewed:	July 2019	Next review date:	July 2022
Endorsed by:	Neonatal Directorate Management Group	Date:	July 2019
Standards Applicable:	NSQHS Standards: 1  Governance, 3  Infection Control, 4  Medication Safety, 8  Acute Deterioration		
<p>Printed or personally saved electronic copies of this document are considered uncontrolled.</p> <p>Access the current version from the WNHS website.</p> <p>For any enquiries relating to this guideline, please email KEMH.PharmacyAdmin@health.wa.gov.au</p>			