


OMEPRAZOLE

Read in conjunction with [Disclaimer](#)

Formulary: Unrestricted	
Presentation	Oral suspension: 2 mg/mL
Drug Class	Proton pump inhibitor
Indication	Treatment of gastroesophageal reflux
Monitoring	Observe for symptomatic improvement. Serum vitamin B ₁₂ and serum magnesium in patients on prolonged therapy (1 to 2 years)
Interactions	Thyroid hormones - PPIs may decrease levothyroxine absorption (by increasing gastric pH), which may lead to hypothyroidism. Unless giving the PPI intermittently, monitor for signs of hypothyroidism (obtain thyroid function tests if needed) and increase levothyroxine dose if necessary. Fluconazole - Concurrent use of fluconazole may result in increased plasma concentrations of omeprazole.
Side Effects	Common: gastrointestinal side effects (diarrhoea, flatulence, vomiting), rash, pruritis Rare: hypomagnesaemia, Clostridium difficile-associated diarrhoea, Stevens-Johnson syndrome, haemolytic anaemia, raised liver enzymes, interstitial nephritis
Storage & Stability	Oral suspension: Refrigerate at 2 to 8°C, do not freeze.

ORAL	Presentation	Oral suspension: 2 mg/mL												
	Dosage	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Current Weight</th> <th style="text-align: center;">Dose</th> <th style="text-align: center;">Frequency</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Less than 10 kg</td> <td style="text-align: center;">5 mg</td> <td style="text-align: center;">Once a day</td> </tr> <tr> <td style="text-align: center;">10 kg to 20 kg</td> <td style="text-align: center;">10 mg</td> <td style="text-align: center;">Once a day</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Maximum of 20 mg omeprazole per day • Dose adjustment: <ul style="list-style-type: none"> ○ If giving oral mixture via small-bore feeding tube the dose may be adjusted to 1.5 mg/kg/dose once a day 				Current Weight	Dose	Frequency	Less than 10 kg	5 mg	Once a day	10 kg to 20 kg	10 mg	Once a day
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	Less than 10 kg	5 mg	Once a day											
10 kg to 20 kg	10 mg	Once a day												
Preparation	KEMH: Oral suspension to be reconstituted by pharmacy													
Administration	<ul style="list-style-type: none"> • Shake for 20 seconds immediately before each use • To open the bottle, press the grey cap down and turn it anti-clockwise. Do not remove the white cap portion. • Draw prescribed dose into oral/enteral syringe • May be given anytime in relation to feeds • Can be given Oral/OGT/NGT <ul style="list-style-type: none"> ○ Compatible for use with tubes size 6 Fr to 16 Fr 													

Related Policies, Procedures, and Guidelines

Clinical Practice Guidelines:

[Gastro-Oesophageal Reflux](#)

WNHS Pharmaceutical and Medicines Management Guidelines:

[Cold Chain Management for Medications and Vaccines](#)



References

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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. 27th ed. Hudson (Ohio): Lexicomp; 2020. p1748.

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Document history

Keywords	Omeprazole, proton pump inhibitor, PPI, gastroesophageal reflux, GORD				
Document Owner:	Chief Pharmacist				
Author/ Reviewer	KEMH & PCH Pharmacy/Neonatology Directorate				
Version Info:	5.0 – full review, new template, product now powder for reconstitution (Dec 2023)				
Date First Issued:	October 2008	Last Reviewed:	29/12/2023	Review Date:	29/12/2028
Endorsed by:	Neonatal Directorate Management Group			Date:	29/01/2024
NSQHS Standards Applicable:	<input checked="" type="checkbox"/>  Std 1: Clinical Governance		<input checked="" type="checkbox"/>  Std 4: Medication Safety		
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