

Queensland Health List of Approved Medicines

Enteral Proton Pump Inhibitors (v2.1)

Patient	Route	Smallest size of enteral equipment / tubing [^]	LAM listed product and typical starting dose <i>For patients established on a PPI consider dose equivalence if switching between agents</i>	PBS status [‡]
Neonate or child under 1 year of age	Enteral feeding tube or oral	6-8 Fr*	Omeprazole suspension 2mg/mL Use mg/kg dosing and round dose to nearest mg For neonate: use QH-CP omeprazole suspension# For child over 1 month (corrected gestational age): use TGA registered OMEPRAZOLE ADVZ® powder for suspension	Non PBS
	Oral dispersion	N/A	Omeprazole tablet 10mg Use mg/kg dosing and round to nearest 5mg <i>[Notes: This is the more cost effective option for oral administration in children under 1 year of age; Losec® contains enteric-coated pellets which can be dispersed]</i>	PBS
Child aged 1-18 years	Enteral feeding tube	6-8 Fr	Esomeprazole granules 10mg Apply dose banding for paediatric dosing: <20kg: 10mg daily >20kg: 10-20mg daily initially, 10mg daily for maintenance	Non PBS
	Enteral feeding tube	10 Fr and above	Lansoprazole oral disintegrating tablets (ODT) 15mg and 30mg Apply dose banding for paediatric dosing: <30kg: 15mg daily >30kg: 30mg daily	PBS
	Oral dispersion	N/A	Lansoprazole oral disintegrating tablets (ODT) 15mg and 30mg Apply dose banding for paediatric dosing: <30kg: 15mg daily >30kg: 30mg daily <i>"Don't Rush to Crush" Most palatable option for oral use.</i>	PBS
Child aged 5-18 years	Swallow tablet whole	N/A	Pantoprazole tablets 20mg and 40mg Over 5 and <35kg: 20mg daily Over 5 and >35kg: 20- 40mg daily	PBS

Patient	Route	Smallest size of enteral equipment / tubing [^]	LAM listed product and typical starting dose <i>For patients established on a PPI consider dose equivalence if switching between agents</i>	PBS status [‡]
Adult	Enteral feeding tube	10 Fr and above	Lansoprazole oral disintegrating tablets (ODT) 30mg 30 mg daily	PBS
	Oral dispersion	N/A	Lansoprazole oral disintegrating tablets (ODT) 30mg 30mg daily	PBS
	Swallow tablet whole	N/A	Pantoprazole tablets 20mg and 40mg 20 – 40mg daily	PBS

* Only for the brand Omeprazole ADVZ 2mg/mL powder for oral suspension, per QCH 'in-house' testing (June 2023), the smallest size of enteral equipment / tubing suitable is 5-8 Fr.

Omeprazole ADVZ 2mg/mL powder for oral suspension is TGA registered for use in children over 1 month of age. Therefore, for neonates (or children under 1 month corrected gestational age), use the Central Pharmacy (QH-CP) compounded suspension product.

[^] Enteral feeding tube administration:

- Ensure best practice is followed—including use of the recommended volume for dispersion as per “Don’t Rush to Crush” and the Product Information
- Seek advice from Pharmacy Department
- For Patients with GJ tubes (inner lumen size of 90% corner may be less than stated tube size), and where:
 - the volume required for dispersion is not able to be tolerated by the patient, OR
 - settling of lansoprazole beads in the syringe is preventing full administration of the dose, OR
 - lansoprazole beads are suspected of causing blockage
 consider changing the patient to the next most cost effective PPI (generally esomeprazole granules) on an IPA.

[‡] PBS status:

- The PBS listings for PPIs differ between molecules, strengths and presentations
- Clinicians need to confirm the PBS approved indications and clinical criteria for specific PPI presentations apply to the clinical scenario prior to prescribing