

Surrey Heartlands Integrated Care System Area Prescribing Committee (APC)

Appendix 1: Cost and Place in Therapy for PPIs in Children

PPI	Formulation	Cost per 28 days	Licensing	Traffic light classification	Children who cannot swallow tablets	Children with enteral feeding tubes	Place in Therapy	Comments
Omeprazole	10mg and 20mg gastro-resistant capsules	10mg - £0.98	Licensed in children >1 year and >10kg	GREEN [R]	most brands can be opened (licensed) and mixed with water or a slightly acidic fluid e.g. fruit juice, apple sauce.	No	1st Line	Bead size: Large (~1mm)
		20mg - £1.02						
Omeprazole	10mg, 20mg and 40mg dispersible gastro-resistant tablets. (Mezzopram® is preferred due to smaller granule sizes) Losec Mups® should not be prescribed unless Mezzopram is out of stock.	10mg - £6.58	Licensed in children >1 year and >10kg	GREEN [R]	Disperse the tablets in water, then mix with orange/apple/ pineapple juice, apple sauce or yoghurt	No	1st Line	Bead size: Small (~0.2mm). Tablets are not scored but can easily be halved or quartered with a sharp knife. Neutral taste. Cordial can be added to water if needed.
		20mg - £9.86						
		40mg - £19.72						
Omeprazole	20mg/5ml and 10mg/5ml oral suspension SF	20mg/5ml 2x75ml - £402.20	Licensed in children >1month	BLUE with no information sheet (on recommendation)	No	Yes for tube feeds <8FR	1st line for restrictions (<10kg <8Fr)	No enteric coating so possibly more likely to be degraded by stomach acid. 20mg/5ml is preferred strength as proportion of sodium and potassium per dose is less. To be switched to Mezzopram® when enteral feeding tube removed or larger gauge in use. NON-FORMULARY for all other indications/patients
		10mg/5ml 2x75ml - £207.86						
Lansoprazole	15mg and 30mg capsules	15mg - £1.00	Not licensed in children however established use: Lansoprazole Drugs BNFC NICE	GREEN [R]	Some capsules are licensed to be opened and have their contents mixed with water, apple/tomato juice or sprinkled on soft food (e.g. yoghurt, apple puree) for people with swallowing difficulties	No	2nd Line	Bead size: Large (~1mm)
		30mg - £1.25						
Lansoprazole	15mg and 30mg orodispersible tablets (Zoton FasTab®)	15mg - £3.15	Not licensed in children however established use: Lansoprazole Drugs BNFC NICE	GREEN [R]	Orodispersible tablets disperse in the mouth to release gastro-resistant granules. Lansoprazole is NOT absorbed sublingually. The gastro-resistant granules must be swallowed for the medicine to be effective. The FasTabs® can also be administered in apple or orange juice.	No	2nd line	Bead size: Small ~0.2mm
		30mg - £4.63						
Esomeprazole	10mg gastro-resistant granules sachets (Nexium®)	£25.19	Licensed in children >1year and >10kg	GREEN [R]	No	Yes (see product spc)	1st line for restrictions (enteral feeding tubes 6F or larger)	Bead size: Small ~0.2mm Sachet contains beads and a thickening agent, Tastes slightly sweet and unoffensive. For use in enteral feeding tubes FR<6

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