

Key Messages:

- Proton pump inhibitor (PPI) treatment may be commenced for children by RCHT Paediatricians. They have agreed to standardise on the medicine / formulation PPI used, depending on the weight of the child. See Tables below.
- Note that other hospital trusts may use the Rosemont licensed suspension of omeprazole 10mg/5mL.
- There is advice on how to give a 5mg omeprazole (Losec) MUPS dose from a 10mg dispersible tablet.

<https://www.medicinesforchildren.org.uk/omeprazole-gastro-oesophageal-reflux-disease-gord>

Children without feeding tubes

Weight	Formulation choice	Dose	Max dose	Drug Tariff Cost (as at Jul 2020)	Licensing
<2.5kg	Omeprazole powder for oral suspension 20mg/5mL Consider unlicensed special in neonates due to excipients (benzoates) contained within the licensed product SWITCH TO MUPS AS SOON AS WEIGHT ALLOWS	0.7mg/kg od	3mg/kg/day (2.8mg/kg/day in neonates)	Rosemont licensed suspension 20mg/5mL £178.35 for 75mL Unlicensed special – prices vary	Unlicensed < 4 weeks of age
2.5-7 kg	Omeprazole Dispersible tablet (MUPS)	5mg od	3mg/kg/day (max 20mg/day)	£6.58 for 28 for 10mg tabs	Licensed over 1 year
7-15kg	Omeprazole Dispersible tablet (MUPS)	10mg od	20mg/day	£6.58 for 28 for 10mg tabs	Licensed over 1 year
> 15kg	Omeprazole Dispersible tablet (MUPS)	20mg od	40mg/day	£9.86 for 28 for 20mg tabs	Licensed over 1 year

*See BNFC for further information on licensed indications

Children with feeding tubes (other products may cause occlusion of the tube)

Age & Weight	Formulation choice	Dose	Max dose	Drug Tariff Cost (as at Jul 2020)	Licensing
< 1 year or < 10kg	Omeprazole powder for oral suspension 20mg/5mL Consider unlicensed special in neonates due to excipients contained within the licensed product	0.7mg/kg od	3mg/kg/day (2.8mg/kg in neonates) (max 20mg/day)	Rosemont licensed suspension 20mg/5mL £178.35 for 75mL Unlicensed special – prices vary	Rosemont product licensed for feeding tube use in patients > 4 weeks of age
1-11 years (10-19kg)	Esomeprazole granules	10mg od	10mg/day	£25.19 for 28 x 10mg sachets	Licensed
1-11 years (≥20kg)	Esomeprazole granules	10mg od (20mg od in presence of erosive reflux oesophagitis)	20mg/day	£25.19 for 28 x 10mg sachets	Licensed
12-17 years	Esomeprazole granules	20mg od (40mg od in presence of erosive reflux oesophagitis)	40mg/day	£25.19 for 28 x 10mg sachets	Licensed