

**Surrey Heartlands Integrated Care System Area Prescribing Committee (APC)
Algorithm for Prescribing PPIs In Children**

Child Weight
Obtain weight on initiation and at time of review
Dose as per [BNFc](#) or current effective dose. Choose the most cost-effective product that is suitable for the patient.

Are medicines administered via a feeding tube?

YES



N.B. the most important factor limiting the use of the enteric coated granules is the bore size of the enteral feeding tube.

NO



<10kg via tube
Omeprazole oral suspension SFL^{L1M}

Higher strength 20mg/5ml may be preferred due to a lower relative concentration of preservatives per mg. Note that dispersible tablets likely to block tubes <8FR

10-20kg via tube
Esomeprazole granule sachet^{L1}

Children in this group with a finer bore feeding tube 6FR or 8FR may need the omeprazole oral suspension SF if esomeprazole granule sachets not suitable due to age <1

>20kg via tube
Omeprazole/ Lansoprazole capsules opened and mixed with water OR
Esomeprazole granule sachet^{L1}.

< 10kg oral
Omeprazole (Mezzopram[®]) dispersible tablets^{OL} (round dose to nearest half or quarter)

Note: tablet cutter required as not scored – see [administration note](#).

≥10kg – 15kg oral
Omeprazole (Mezzopram[®]) dispersible tablets^{L1}

OR

Lansoprazole dispersible tablet^{OL}

Note: tablet cutter required as not scored – see [administration note](#).

≥15 - 30kg oral
Omeprazole capsule^{L1}
OR
Lansoprazole capsule^{OL} OR
Lansoprazole dispersible tablet^{OL} OR
Omeprazole (Mezzopram[®]) dispersible tablets^{L1}

≥ 30kg oral
Omeprazole capsule^{L1}
OR
Lansoprazole capsule^{OL} OR
Lansoprazole dispersible tablet^{OL} OR
Omeprazole dispersible tablets^{L1}

Omeprazole powder for oral suspension must be initiated by a specialist taking in to consideration the electrolyte content (see [eSPC](#))

Doses as per BNFc – can round dose to nearest quarter or half tablet. This is still more accurate than giving a precise dose of the liquid formulation with very uncertain bioavailability

Advice on how to teach a child to swallow solid dosing forms is available on [medicinesforchildren.org.uk](https://www.medicinesforchildren.org.uk).

Omeprazole dispersible tablets have been recommended to be prescribed by brand, Mezzopram[®] because the bead size in this formulation is much smaller than in the originator MUPS[®] formulation. The small bead size makes this more palatable for young children

L1 – licensed for children over 1 year of age and ≥10kg
L1M – licensed for children over 1month of age
OL – Off-Label