Request for PPI Liquid

Is PPI still indicated?

Assess risk vs benefit of ongoing treatment

No

Yes

Can PPI be given orally as a solid dosage form?

Stop PPI 1

Prescribe licenced PPI formulation as per NoT formulary 2

Yes

ADULTS: If unable to swallow solid dosage forms

* give Lansoprazole orodispersible, or Omeprazole dispersible tablets where lansoprazole orodispersible tablets are unsuitable2 or,
* Lansoprazole or Omeprazole capsules can be opened and contents mixed with fruit juice or yoghurt before swallowing (without crushing or chewing the granules) 3
* For adults with Nasogastric tubes, use Lansoprazole orodispersible tablets4
* For adults with Gastric tubes, use Mezzopram®(omeprazole) Dispersible tablets5

**CHILDREN:** **For Infants under 1 year or bodyweight ≤10kg (including those with PEG/ Nasogastric Tubes) prescribing of ALL PPIs should remain with Secondary Care**

CHILDREN: If unable to swallow solid dosage form

* For children 1 to 18 years able to drink /swallow semi-solid food, AND dosage is a multiple of 10mg -give Omeprazole dispersible tablets6
* If age/dose appropriate, Omeprazole capsules can be opened and contents mixed with fruit juice or yoghurt before swallowing (without crushing or chewing the granules) 3
* For children 1 to 18 years with Gastric Tubes – use Mezzopram®(omeprazole) Dispersible tablets 5
* For children 1 to 18 years with Nasogastric, or fine bore tubes, take specialist advice

For Paediatric Omeprazole doses please refer to BNF: <https://bnfc.nice.org.uk/drug/omeprazole.html#indicationsAndDoses>

No

Notes –all references correct as of June 2020

1. When discontinuing long-term treatment (>8 weeks), reduce dose, (or gradually withdraw if low dose PPI has been taken) and use concomitant alginate cover to prevent rebound hypersecretion. (NICE CG184, All Wales PPI & Dyspepsia Resource Pack April13)
2. NoT formulary choice: Lansoprazole or Omeprazole <http://northoftyneandgatesheadformulary.nhs.uk/chaptersSubDetails.asp?FormularySectionID=1&SubSectionRef=01.03.05&SubSectionID=A100>
3. Directions given under ‘Posology and method of administration’ in the SPCs for Lansoprazole Capsules and Omeprazole Capsules
4. Lansoprazole orodispersible FasTab can be used via nasogastric, PEG or PEJ Tube (NoT formulary) but is only licenced for use in adults via nasogastric tubes. (SPC Zoton FasTabs® )
5. Mezzopram® (omeprazole) Dispersible tablets are licenced for use in Adults and children over 1 year and bodyweight ≥10 kg via gastric tubes (SPC Mezzopram®, NEWT Guidelines). If omeprazole dispersible tablets are blocking a feeding tube, specialist advice should be sought.
6. See SPCs Mezzopram® /Losec MUPS®. For children who can drink or swallow semi-solid food:

Break the tablet and disperse it in a spoonful of non-carbonated water. This can then be mixed with fruit juice or apple sauce if desired. Patients should be advised that the dispersion should be taken immediately -or within 15 minutes (Mezzopram) or 30 minutes (Losec MUPs) and always be stirred just before drinking and rinsed down with half a glass of water. DO NOT USE milk or carbonated water. The enteric-coated pellets must not be chewed.

**There is a risk of choking if not taken as directed. Please pass on this information to parent /carer and include above directions on prescription.**

PPI DRUGS – Cost Comparisons (Drug Tariff June 2020)

|  |  |
| --- | --- |
| DRUG | PRICE PER DOSE (pence)\* |
| Lansoprazole gastro-resistant Capsules 15mg | 4 |
| Lansoprazole Orodispersible (Zoton FasTab) 15mg | 12 |
| Lansoprazole 15mg/5ml oral suspension (unlicensed Special) | 166 |
|  |  |
| Lansoprazole gastro-resistant Capsules 30mg | 6 |
| Lansoprazole Orodispersible (Zoton FasTab) 30mg | 18 |
| Lansoprazole 30mg/5ml oral suspension (unlicensed Special) | 93 |
|  |  |
| Omeprazole 5mg/5ml oral suspension (unlicensed Special) | 90 |
|  |  |
| Omeprazole gastro-resistant Capsule 10mg | 4 |
| Omeprazole dispersible tabs (Mezzopram) 10mg | 33 |
| Omeprazole 10mg/5ml oral suspension  | 614 |
|  |  |
| Omeprazole gastro-resistant Capsule 20mg | 4 |
| Omeprazole dispersible tabs (Mezzopram) 20mg | 50 |
| Omeprazole 20mg/5ml oral suspension | 1189 |
|  |  |
| Omeprazole gastro-resistant Capsule 40mg | 13 |
| Omeprazole dispersible tabs (Mezzopram) 40mg | 99 |
| Omeprazole 40mg/5ml oral suspension (unlicensed Special) | 143 |

\* Prices based on ONE month’s supply (28 Tabs/ granules or 150ml Suspension) and rounded up /down to the nearest penny