

LANSOPRAZOLE

Proton pump inhibitor (PPI)

Availability ¹	Brand name	Quick guide
Capsule, contains enteric-coated pellets 15 mg, 30 mg	Lanzopran, Zopral Generics are available	 
Orally-disintegrating tablet (contains enteric-coated microgranules) 15 mg, 30 mg	Zopral ODT, Zoton FasTabs Generics are available	 
Effect of food	PPIs are most effective given 30 to 60 minutes before breakfast. ²	
Absorption	Absorbed in the small intestine. ³ Likely to be suitable for duodenal or jejunal administration. The orally-disintegrating tablet is not absorbed in the mouth, it is absorbed after swallowing the disintegrated tablet in the saliva. ³	
Warnings	The response to PPIs given by enteral feeding tubes varies. People who have delayed gastric-emptying or who require a high level of gastric acid suppression may need a higher dose or IV therapy. PPIs delayed gastric emptying of solid meals. ⁴	
Other	May cause dry or sore mouth. ¹	

What to do for people with enteral feeding tubes

Do not crush the tablet, capsule or the contents of the capsule.¹

PPIs are a common cause of blocked tubes. Do not use less than the recommended volume of water. Shake well and often so that the dispersion does not settle.

Option 1

Use the orally-disintegrating tablet.

Suitable for size 8 French tubes and larger.^{5,6}

Disperse the tablet in at least 10 mL of water in an enteral syringe.^{5,6}

Shake for at least 2 minutes to completely disperse the tablet and shake again immediately before giving into the tube. The dispersion settles quickly.⁷

Shake the dispersion well and often to avoid tube blockage.

Flush the tube with at least 10 mL of water.⁵

Do not give the tablet sublingually.

Option 2

Open the capsule and disperse the pellets in 10 mL of sodium bicarbonate 8.4% in an enteral syringe. Suitable for size 8 French tubes and larger.⁸

Shake for 2 to 5 minutes to form an even milky suspension.

Flush the tube with 30 mL of water.⁸

Option 3

Open the capsule and disperse the pellets in 40 mL of apple juice in an enteral syringe.^{1,9}

Suitable for size 16 French tubes and larger.⁹

Rinse the enteral syringe with at least another 40 mL of apple juice.^{1,9}

Option 4

Some pharmacies can make a suspension from the contents of the capsules.¹⁰ Contact a pharmacist or a compounding pharmacy.

Option 5

An intravenous PPI may be a suitable alternative for people who require high doses or have delayed gastric emptying. Consult the prescriber.

What to do for people with swallowing difficulties

- Do not crush or chew the tablet, capsule or the contents of the capsule.**¹
- Option 1** Use the orally-disintegrating tablet.
Place the tablet on the tongue, it will disperse quickly.¹
Lansoprazole is reported to be the most palatable of the dispersible PPIs.
- Option 2** Open the capsule and disperse the pellets in a small amount of apple juice, orange juice, tomato juice, apple puree, cottage cheese, strained pears or yoghurt.¹
- Option 3** Some pharmacies can make a suspension from the contents of the capsules.¹⁰ Contact a pharmacist or a compounding pharmacy.

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