OMEPRAZOLE

Read in conjunction with Disclaimer

Formulary: Unrestricted	
Presentation	**Oral suspension:** 2 mg/mL
Drug Class	Proton pump inhibitor.
Indication	Treatment of gastroesophageal reflux.
Monitoring	• Observe for symptomatic improvement. • Serum vitamin B_{12} and serum magnesium in patients on prolonged therapy (1 to 2 years).
Interactions	• **Levothyroxine** - PPIs may decrease levothyroxine absorption (by increasing gastric pH), which may lead to hypothyroidism. Unless giving the PPI intermittently, monitor for signs of hypothyroidism (obtain thyroid function tests if needed) and increase levothyroxine dose if necessary. • **Fluconazole** - Concurrent use of fluconazole may result in increased plasma concentrations of omeprazole.
Side Effects	**Common:** Gastrointestinal side effects (diarrhoea, flatulence, vomiting), rash, pruitis.
	Rare: Hypomagnesaemia, Clostridium difficile-associated diarrhoea, Stevens-Johnson syndrome, haemolytic anaemia, raised liver enzymes, interstitial nephritis.
Storage & Stability	• Refrigerate at 2 to 8°C, do not freeze. • Discard 60 days after reconstitution.

ORAL

Presentation — **Oral suspension**: 2 mg/mL

Dosage

Current Weight	Dose	Frequency
Less than 10 kg	5 mg	Once daily
10 kg to 20 kg	10 mg	Once daily

- Maximum of 20 mg omeprazole per day.
- Dose adjustment:
  - If giving oral mixture via small-bore feeding tube the dose may be adjusted to 1.5 mg/kg/dose once a day.

Preparation

Follow the instructions on the bottle for reconstitution.

For Auspman brand:

1. Shake the bottle to loosen the powder.
2. Add a total of 95 mL of water, in two portions, with vigorous shaking after each addition.

Administration

- Shake well before each use.
- Draw prescribed dose into oral/enteral syringe.
- May be given anytime in relation to feeds.
- Can be given Oral/OGT/NGT.

Related Policies, Procedures, and Guidelines

Clinical Practice Guidelines:

Gastro-Oesophageal Reflux

WNHS Pharmaceutical and Medicines Management Guidelines:

Cold Chain Management for Medications and Vaccines

References

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