

Open Size: 340 x 580 mm
Close Size: 35 x 35 mm (Gluings)
Paper: 40 GSM Bible
Thickness: 12 + 2 mm

340.00 mm

35.00 mm

35.00 mm

35.00 mm

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use ESOMEPRAZOLE MAGNESIUM DELAYED-RELEASE CAPSULES safely and effectively. See full prescribing information for ESOMEPRAZOLE MAGNESIUM DELAYED-RELEASE CAPSULES.

ESOMEPRAZOLE MAGNESIUM delayed-release capsules, for oral use

Initial U.S. Approval: 1989 (esomeprazole)

INDICATIONS AND USAGE

Esomeprazole magnesium is a proton pump inhibitor (PPI). Esomeprazole magnesium delayed-release capsules are indicated for the:

- Short-term treatment in the healing of erosive esophagitis (EE) in adults and pediatric patients 12 years to 17 years of age. (1.1)
- Maintenance of healing of EE in adults. (1.2)
- Short-term treatment of heartburn and other symptoms associated GERD in adults and pediatric patients 12 years to 17 years of age. (1.3)
- Risk reduction of nonsteroidal anti-inflammatory drugs (NSAID)-associated gastric ulcer in adults at risk for developing gastric ulcers due to age (60 years and older) and/or documented history of gastric ulcers. (1.4)
- Helicobacter pylori eradication in adult patients to reduce the risk of duodenal ulcer recurrence in combination with amoxicillin and clarithromycin. (1.5)
- Long-term treatment of pathological hypersecretory conditions, including Zollinger-Ellison syndrome in adults. (1.6)

DOSE AND ADMINISTRATION

Population Recommended Adult (2.1) and Pediatric Dosage (2.2)

Healing of EE (1 year and older)
EE due to Acid-Mediated GERD (1 month to less than 1 year)

Adults 20 mg or 40 mg^a once daily for 4 to 8 weeks; some patients may require an additional 4 to 8 weeks

12 years to 17 years 20 mg or 40 mg^a once daily for 4 to 8 weeks

1 month to 11 years see full prescribing information for weight-based dosing and duration of treatment (2.2)

Maintenance of Healing of EE
Adults 20 mg once daily. Controlled studies do not extend beyond 6 months

Treatment of Symptomatic GERD
Adults 20 mg once daily once daily for 4 weeks some patients may require an additional 4 weeks

12 years to 17 years 20 mg once daily for 4 weeks

1 year to 11 years 10 mg once daily for up to 8 weeks

Risk Reduction of NSAID-Associated Gastric Ulcer
Adults 20 mg or 40 mg^a once daily for up to 6 months^b

H. pylori Eradication to Reduce the Risk of Duodenal Ulcer Recurrence
Adults Esomeprazole magnesium 40 mg^a once daily for 10 days

Amoxicillin 1000 mg twice daily for 10 days^c

Clarithromycin 500 mg twice daily for 10 days^c

Pathological Hypersecretory Conditions Including Zollinger-Ellison Syndrome
Adults Starting dosage is 40 mg twice daily (varies with the individual patient) as long as clinically indicated.

^a A maximum dosage of 20 mg once daily is recommended for patients with severe liver impairment (Child-Pugh Class C).

^b Controlled studies do not extend beyond 6 months.

^c Refer to the amoxicillin and clarithromycin prescribing information for dosage adjustments in elderly and renal-impaired patients.

^d A starting dosage of 20 mg twice daily is recommended for patients with severe liver impairment (Child-Pugh Class C).

Preparation and Administration Information

Swallow capsules whole, do not crush or chew. For patients who cannot swallow intact capsules, the capsule can be opened, and the contents mixed with applesauce. (2.3)

Opened capsules can be administered through a nasogastric tube. (2.3)

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FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

1.1 Healing of Erosive Esophagitis (EE)

Adults Esomeprazole magnesium delayed-release capsules are indicated for the short-term treatment (4 to 8 weeks) in the healing and symptomatic resolution of diagnostically confirmed EE in adults. For those patients who have not healed after 4 to 8 weeks of treatment, an additional 4 to 8 weeks of esomeprazole magnesium delayed-release capsules may be considered.

Pediatric Patients 12 Years to 17 Years of Age

Esomeprazole magnesium delayed-release capsules are indicated for the short-term treatment (4 to 8 weeks) for the healing of EE in pediatric patients 12 years to 17 years of age.

1.2 Maintenance of Healing of EE

Esomeprazole magnesium delayed-release capsules are indicated for the maintenance of healing of EE in adults. Controlled studies do not extend beyond 6 months.

1.3 Treatment of Symptomatic GERD

Adults Esomeprazole magnesium delayed-release capsules are indicated for short-term treatment (4 to 8 weeks) of heartburn and other symptoms associated with GERD in adults.

Pediatric Patients 12 Years to 17 Years of Age

Esomeprazole magnesium delayed-release capsules are indicated for short-term treatment (4 weeks) of heartburn and other symptoms associated with GERD in pediatric patients 12 years to 17 years of age.

1.4 Risk Reduction of Nonsteroidal Anti-Inflammatory Drugs (NSAID)-Associated Gastric Ulcer

Esomeprazole magnesium delayed-release capsules are indicated for the reduction in the occurrence of gastric ulcers associated with continuous NSAID therapy in adult patients at risk for developing gastric ulcers. Patients are considered to be at risk due to their age (60 years and older) and/or documented history of gastric ulcers. Controlled studies do not extend beyond 6 months.

1.5 Helicobacter pylori Eradication to Reduce the Risk of Duodenal Ulcer Recurrence

Eradication of *H. pylori* has been shown to reduce the risk of duodenal ulcer recurrence. Triple Therapy.

Esomeprazole magnesium delayed-release capsules in combination with amoxicillin and clarithromycin is indicated for the treatment of adult patients with *H. pylori* infection and duodenal ulcer disease (active or history of) within the past 5 years to eradicate *H. pylori*.

In patients who fail therapy, susceptibility testing should be done. In resistance to clarithromycin is demonstrated or susceptibility testing is not possible, alternative antimicrobial therapy should be considered. See Clinical Pharmacology (12.4) and the prescribing information for clarithromycin.

1.6 Pathological Hypersecretory Conditions Including Zollinger-Ellison Syndrome

Esomeprazole magnesium delayed-release capsules are indicated for the long-term treatment of pathological hypersecretory conditions, including Zollinger-Ellison Syndrome, in adults.

2 DOSAGE AND ADMINISTRATION

2.1 Recommended Dosage in Adults by Indication

Table 1 shows the recommended adult dosage of esomeprazole magnesium delayed-release capsules by indication.

The duration of esomeprazole magnesium delayed-release capsules treatment should be based on available safety and efficacy data specific to the defined indication and dosing frequency and individual patient characteristics. Esomeprazole magnesium delayed-release capsules should only be initiated and continued if the benefits outweigh the risks of treatment.

Table 1. Recommended Dosage of Esomeprazole Magnesium Delayed-Release Capsules in Adults by Indication

Adult Indication **Recommended Dosage of Esomeprazole Magnesium Delayed-Release Capsules** **Treatment Duration**

Healing of EE 20 mg or 40 mg^a once daily 4 to 8 Weeks^b

Maintenance of Healing of EE 20 mg once daily Controlled studies do not extend beyond 6 months

Treatment of Symptomatic GERD 20 mg once daily 4 weeks^c if symptoms do not resolve completely, consider an additional 4 weeks^c

Risk Reduction of NSAID-Associated Gastric Ulcer 20 mg or 40 mg^a once daily Controlled studies do not extend beyond 6 months

H. pylori Eradication to Reduce the Risk of Duodenal Ulcer Recurrence (Triple Therapy) Esomeprazole magnesium delayed-release capsules 40 mg once daily^d Amoxicillin 1000 mg twice daily^d Clarithromycin 500 mg twice daily^d 10 days

Pathological Hypersecretory Conditions Including Zollinger-Ellison Syndrome Starting dosage is 40 mg twice daily^d, individualize the regimen to patient needs. Dosages up to 240 mg/day have been administered. (See Clinical Studies (14.1)).

^a A maximum dosage of 20 mg once daily is recommended for patients with severe liver impairment (Child-Pugh Class C). (See Use in Specific Populations (8.6)).

^b Most patients are healed within 4 to 8 weeks for those who do not after 4 to 8 weeks, an additional 4 to 8 weeks of treatment may be required to achieve healing. (See Clinical Studies (14.1)).

^c Refer to the amoxicillin and clarithromycin prescribing information for dosage adjustments in elderly and renal-impaired patients.

^d A starting dosage of 20 mg twice daily is recommended for patients with severe liver impairment (Child-Pugh Class C). (See Use in Specific Populations (8.6)).

2.2 Recommended Dosage in Pediatric Patients by Indication

Table 2 shows the recommended dosage of esomeprazole magnesium delayed-release capsules in pediatric patients by indication.

Table 2. Recommended Dosage of Esomeprazole Magnesium Delayed-Release Capsules in Pediatric Patients by Indication

Indication **Patient Age** **Recommended Dosage** **Duration**

Healing of EE 12 years to 17 years Esomeprazole magnesium delayed-release capsules of 20 mg or 40 mg once daily 4 to 8 Weeks

Treatment of Symptomatic GERD 12 years to 17 years Esomeprazole magnesium delayed-release capsules: 20 mg once daily 4 weeks

^a Dosages over 1 mg/kg/day have not been studied

^b Dosages over 1 mg/kg/day have not been studied

2.3 Preparation and Administration Instructions

Take esomeprazole magnesium delayed-release capsules at least one hour before meals. (See Clinical Pharmacology (12.3)).

Antacids may be used concomitantly with esomeprazole magnesium delayed-release capsules.

Take a missed dose as soon as possible. If it is almost time for the next dose, skip

DOSAGE FORMS AND STRENGTHS

Delayed-Release Capsules: 20 mg and 40 mg esomeprazole. (3)

CONTRAINDICATIONS

Known hypersensitivity to substituted benzimidazoles or any component of the formulation. (4)

Patients receiving rilpivirine-containing products. (4, 7)

Refer to the Contraindications section of the prescribing information for amoxicillin and clarithromycin, when administered in combination with esomeprazole magnesium. (4)

WARNINGS AND PRECAUTIONS

5.1 Presence of Gastric Malignancy: In adults, symptomatic response does not preclude the presence of gastric malignancy. Consider additional follow-up and diagnostic testing. (5.1)

Acute Tubulointerstitial Nephritis: Discontinue treatment and evaluate patients. (5.2)

Clostridium difficile-Associated Diarrhea: PPI therapy may be associated with increased risk. (5.3)

Bone Fracture: Long-term and multiple daily dose PPI therapy may be associated with an increased risk for osteoporosis-related fractures of the hip, wrist, or spine. (5.4)

Severe Cutaneous Adverse Reactions: Discontinue at the first signs or symptoms of severe cutaneous adverse reactions or other signs of hypersensitivity and consider further evaluation. (5.5)

Cutaneous and Systemic Lupus Erythematosus: Mostly cutaneous; new onset or exacerbation of existing disease; discontinue esomeprazole magnesium and refer to specialist for evaluation. (5.6)

Interaction with Clopidogrel: Avoid concomitant use of esomeprazole magnesium. (5.7)

Cyanoacetalamin (Vitamin B-12) Deficiency: Daily long-term use (e.g., longer than 5 years) may lead to malabsorption of a deficiency of cyanoacetalamin. (5.8)

Hypomagnesemia and Mineral Metabolism: Reported rarely with prolonged treatment with PPIs. (5.9)

Interaction with St. John's Wort or Rifampin: Avoid concomitant use of esomeprazole magnesium. (5.10, 11)

Interactions with Diagnostic Investigations for Neuroendocrine Tumors: Increased chromogranin A (CgA) levels may interfere with diagnostic investigations for neuroendocrine tumors, temporarily suppress esomeprazole magnesium at least 14 days before assessing CgA levels. (5.11, 12.2)

Interaction with Methotrexate: Concomitant use with PPIs may elevate and/or prolong serum concentrations of methotrexate and/or its metabolite, possibly leading to toxicity. With high-dose methotrexate administration, consider temporary withdrawal of esomeprazole magnesium. (5.12, 7)

Fungic Gland Polyps: Risk increases with long-term use, especially beyond one year. Use the shortest duration of therapy. (5.13)

ADVERSE REACTIONS

Most common adverse reactions (≥10%) in patients treated with esomeprazole magnesium are:

Adults (≥18 years) (≥10%) are: headache, diarrhea, nausea, flatulence, abdominal pain, constipation, and dry mouth.

Pediatrics (12 to 17 years) (≥2%) are: headache, dizziness, abdominal pain, nausea, and constipation.

To report SUSPECTED ADVERSE REACTIONS, contact Sun Pharmaceutical Industries Inc. at 1-800-818-6555 or FDA at 1-800-FDA-1088 or visit www.fda.gov/medwatch.

DRUG INTERACTIONS

See full prescribing information for a list of clinically important drug interactions. (7)

USE IN SPECIFIC POPULATION

Pediatrics: Use is not recommended for the treatment of symptomatic GERD in patients 12 years to less than 1 year of age. Safety was not demonstrated. (8-11)

See 17 for PATIENT COUNSELING INFORMATION and Medication Guide.

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^aSections or subsections omitted from the full prescribing information are not listed.

the missed dose and take the next dose at the regular scheduled time. Do not take 2 doses at the same time.

Esomeprazole Magnesium Delayed-Release Capsules

Administer esomeprazole magnesium delayed-release capsules orally or via a nasogastric tube, as described below.

Oral Administration

Following potential clinically significant laboratory changes in clinical trials, irrespective of relationship to esomeprazole magnesium, were reported in 1% or less of patients:

Increased creatinine, urea, total bilirubin, alkaline phosphatase, ALT, aspartate aminotransferase (AST), total protein, and serum albumin.

Decreases were seen in hemoglobin, white blood cell count, platelets, potassium, sodium, magnesium, and calcium.

One of the most frequently reported adverse reactions for patients who received esomeprazole magnesium, amoxicillin and clarithromycin for 10 days were diarrhea (4%), headache (4%), and abdominal pain (4%).

Two placebo-controlled studies were conducted in 710 adult patients for the treatment of symptomatic GERD. The most common adverse reactions that were reported were:

Diarrhea (4%), headache (4%), and abdominal pain (4%).

Combination Treatment with Esomeprazole Magnesium, Amoxicillin and Clarithromycin

In clinical trials of *H. pylori* eradication to reduce duodenal ulcer recurrence, no adverse reactions were reported in patients receiving esomeprazole magnesium delayed-release capsules, amoxicillin and clarithromycin were observed and were not different in types of adverse reactions seen during maintenance treatment up to 12 months compared to short-term treatment.

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use with concomitant medications, such as esomeprazole, that inhibit CYP2C19 activity. Concomitant use of clopidogrel with 40 mg esomeprazole reduces the pharmacological activity of clopidogrel. When using esomeprazole magnesium consider alternative antiplatelet therapy. (See Drug Interactions (7)).

5.8 Cyanoacetalamin (Vitamin B-12) Deficiency

Daily treatment with any acid-suppressing medications over a long period of time (e.g., longer than 3 years) may lead to malabsorption of cyanoacetalamin (vitamin B-12) caused by hypo- or achlorhydria. Rare reports of cyanoacetalamin deficiency occurring with acid-suppressing therapy have been reported in the literature. This diagnosis should be considered if clinical symptoms consistent with cyanoacetalamin deficiency are observed.

5.9 Hypomagnesemia and Mineral Metabolism

Hypomagnesemia symptoms and signs have been reported rarely in patients treated with PPIs for at least three months, in most cases after a year of therapy. Serious adverse events include tetany, arrhythmias, and seizures. Hypomagnesemia may lead to hypocalcemia and/or hypokalemia and may exacerbate underlying hypocalcemia in at-risk patients. In most patients, treatment of hypomagnesemia required magnesium replacement and discontinuation of the PPI.

For patients expected to be on prolonged treatment or who take PPIs with medications such as digoxin or drugs that may cause hypomagnesemia (e.g., diuretics), health care professionals may consider monitoring magnesium levels prior to initiation of PPI treatment and periodically (see Adverse Reactions (5.9)).

