

Amoxicillin (750mg) + Clarithromycin (500mg) + Esomeprazole (40mg)

Esoable HP Kit Tablet

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Composition:

Each tablet contains:

- **Amoxicillin (as Amoxicillin Trihydrate): 750 mg**
- **Clarithromycin: 500 mg**
- **Esomeprazole Magnesium (Enteric Coated): 40 mg**

Pharmacological Class:

- **Amoxicillin: Penicillin-class Antibiotic**
- **Clarithromycin: Macrolide Antibiotic**
- **Esomeprazole: Proton Pump Inhibitor (PPI)**

Indications:

This combination is primarily used for the eradication of *Helicobacter pylori* infection in:

- **Peptic ulcers**
- **Gastritis associated with *H. pylori***
- **Duodenal ulcers**

Mechanism of Action:

- **Amoxicillin:** Acts by inhibiting bacterial cell wall synthesis, leading to bacterial cell death.
- **Clarithromycin:** Inhibits bacterial protein synthesis by binding to the 50S ribosomal subunit, preventing bacterial growth.
- **Esomeprazole:** Suppresses gastric acid secretion by inhibiting the H⁺/K⁺ ATPase pump in gastric parietal cells, creating an environment conducive to bacterial eradication and ulcer healing.

Dosage and Administration:

- **Adults:** One tablet twice daily, preferably 1 hour before meals, for 7–14 days, as prescribed by a healthcare provider.
- **Swallow the tablet whole with water; do not chew or crush.**

Contraindications:

- **Hypersensitivity to Amoxicillin, Clarithromycin, Esomeprazole, or any component of the tablet.**
- **Patients with a history of cholestatic jaundice or hepatic dysfunction associated with Clarithromycin.**
- **Severe renal or liver impairment.**
- **Concomitant use with drugs like ergotamine, dihydroergotamine, or drugs that prolong the QT interval.**

Warnings and Precautions:

- **Allergic Reactions:** Monitor for hypersensitivity reactions such as rash, swelling, or difficulty breathing.
- **QT Prolongation:** Clarithromycin may prolong QT interval; use cautiously in patients with cardiovascular disorders.
- **Clostridioides difficile Infection:** Antibiotics may disrupt gut flora, leading to severe diarrhea; monitor for symptoms.
- **Renal and Hepatic Impairment:** Dose adjustments may be necessary in patients with compromised kidney or liver function.
- **Long-Term PPI Use:** Esomeprazole may cause hypomagnesemia, bone fractures, and Vitamin B12 deficiency with prolonged use.
- **Pregnancy and Breastfeeding:**
 - **Pregnancy Category C:** Use only if benefits outweigh potential risks.
 - **Breastfeeding:** Consult a healthcare provider before use, as the components may pass into breast milk.

Side Effects:

Common side effects:

- **Nausea**
- **Diarrhea or constipation**
- **Abdominal pain**
- **Headache**
- **Altered taste sensation**

Rare but serious side effects:

- **Severe allergic reactions (anaphylaxis)**
- **QT prolongation and arrhythmias**

- **Hepatotoxicity**
- **Severe diarrhea caused by *Clostridioides difficile***

Drug Interactions:

- **Warfarin: Increased risk of bleeding; monitor INR closely.**
- **Theophylline: Clarithromycin may increase its levels, leading to toxicity.**
- **Clopidogrel: Reduced efficacy with Esomeprazole.**
- **Oral Contraceptives: Amoxicillin may reduce contraceptive efficacy; consider additional contraceptive methods.**

Storage:

- **Store below 25°C in a cool, dry place, protected from light and moisture.**
- **Keep out of reach of children.**

Packaging:

- **Available in blister packs of 7, 10, or 14 tablets, designed for short-term therapy.**

Manufacturer:

- **[Manufacturer Name]**

Note:

This combination therapy should be used only under medical supervision. Ensure adherence to the full course to maximize eradication of *H. pylori* and prevent resistance. If symptoms persist or severe side effects occur, consult a healthcare provider immediately.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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