

DRUG STUDY

MEDICATION	DRUG CLASSIFICATION	INDICATION / CONTRAINDICATION	MECHANISM OF ACTION	DOSING & ADMINISTRATION	ADVERSE EFFECTS	NURSING RESPONSIBILITIES
esomeprazole magnesium (Nexium)	Proton Pump Inhibitor	<p><u>Indications:</u></p> <ul style="list-style-type: none"> -Treatment of GERD-heartburn and other symptoms -Short-term treatment for erosive esophagitis -As part of combination treatment for duodenal ulcer associated with <i>Helicobacter pylori</i> <p><u>Contraindications:</u></p> <ul style="list-style-type: none"> -Contraindicated with hypersensitivity to omeprazole, esomeprazole, or other proton pump inhibitors. -Use cautiously with hepatic dysfunction, pregnancy, and lactation. 	Suppresses gastric acid secretion by specific inhibition of the hydrogen-potassium ATPase enzyme system at the secretory surface of the gastric parietal cells; blocks the final step of the acid production.	<u>tablet:</u> 20 mg PO OD (for healing of symptomatic gastroesophageal reflux disease)	<p><u>CNS:</u> Headache, vertigo Dizziness, insomnia Apathy, anxiety Paresthesias Dream abnormalities</p> <p><u>Respiratory:</u> URI symptoms Sinusitis Cough, epistaxis</p> <p><u>Dermatologic:</u> Rash, inflammation Urticaria, pruritus Alopecia, dry skin</p> <p><u>GI:</u> Diarrhea, nausea Abdominal pain Vomiting Constipation Dry mouth Tongue atrophy Flatulence</p>	<p>Assess for hypersensitivity to any proton pump inhibitor or hepatic impairment.</p> <p>Obtain baseline liver function tests and monitor periodically during the course of therapy.</p> <p>Instruct patient to take drug at least 1 hr before meals.</p> <p>Instruct patient to report severe headache, worsening of symptoms, fever, chills, darkening of the skin, changes in color of urine or stool.</p> <p>For GI symptoms such as nausea and vomiting, instruct patient to have small, frequent meals.</p> <p>Instruct patient to limit activities to those that do not require alertness and precision as the drug may cause vertigo and dizziness.</p>

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