

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use rabeprazole sodium delayed-release tablets safely and effectively. See full prescribing information for rabeprazole sodium delayed-release tablets.

RABEAPROZOLE sodium delayed-release tablets, for oral use

Initial U.S. Approval: 1999

----- RECENT MAJOR CHANGES -----

Warnings and Precautions, *Clostridium difficile* Associated Diarrhea (5.3) 10/2012

Warnings and Precautions, Concomitant Use of Rabeprazole With Methotrexate (5.6) 05/2012

----- INDICATIONS AND USAGE -----

Rabeprazole sodium delayed-release tablets are a proton-pump inhibitor (PPI) indicated in adults for:

- Healing of Erosive or Ulcerative Gastroesophageal Reflux Disease (GERD) (1.1)
- Maintenance of Healing of Erosive or Ulcerative GERD (1.2)
- Treatment of Symptomatic GERD (1.3)
- Healing of Duodenal Ulcers (1.4)
- *Helicobacter pylori* Eradication to Reduce the Risk of Duodenal Ulcer Recurrence (1.5)
- Treatment of Pathological Hypersecretory Conditions, Including Zollinger-Ellison Syndrome (1.6)

In adolescent patients 12 years of age and older for:

• Short-term treatment of Symptomatic GERD (1.7)

----- DOSAGE AND ADMINISTRATION -----

Rabeprazole sodium delayed-release tablets should be swallowed whole. The tablets should not be chewed, crushed or split (2.10).

Healing of Erosive or Ulcerative Gastroesophageal Reflux Disease (GERD) (2.1)

Maintenance of Healing of Erosive or Ulcerative GERD (2.2)

Treatment of Symptomatic GERD in Adults (2.3)

Healing of Duodenal Ulcers (2.4)

***Helicobacter pylori* Eradication to Reduce the Risk of Duodenal Ulcer Recurrence (2.5)**

Three Drug Regimen: Rabeprazole sodium delayed-release 20 mg Amoxicillin 1000 mg Clarithromycin 500 mg

Healing of Duodenal Ulcers (2.4)

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Treatment of Pathological Hypersecretory Conditions, Including Zollinger-Ellison Syndrome (2.6)

Treatment of Symptomatic GERD in Adolescents 12 Years of Age and Older (2.7)

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Treatment of Symptomatic GERD in Adolescents 12 Years of Age and Older (2.7)

--- DOSAGE FORMS AND STRENGTHS ---

Delayed-Release Tablets: 20 mg (3)

----- CONTRAINDICATIONS -----

• History of hypersensitivity to rabeprazole (4)

----- WARNINGS AND PRECAUTIONS -----

• Symptomatic response to therapy with rabeprazole does not preclude the presence of gastric malignancy (5.1)

• Use with warfarin: monitor for increases in INR and prothrombin time (5.2)

• PPI therapy may be associated with increased risk of *Clostridium difficile* associated diarrhea (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)

• Hypomagnesemia has been reported rarely with prolonged treatment with PPIs (5.5)

• Increased INR and prothrombin times have been reported with concomitant use with warfarin. Patients need to be monitored (7.2)

• Rabeprazole has been shown to inhibit cytosolic metabolism of *vitro* (7.3)

• Rabeprazole inhibits gastric acid secretion and may interfere with the absorption of drugs where gastric pH is an important determinant of bioavailability (e.g., ketoconazole, iron salts and digoxin) (7.4)

• Rabeprazole may reduce the plasma levels of atazanavir (7.4)

• Methotrexate: Rabeprazole may increase serum level of methotrexate (7.7)

• Studies conducted do not support the use of rabeprazole sodium delayed-release tablets for the treatment of GERD in pediatric patients younger than 12 years of age (6.4)

• The safety and efficacy of rabeprazole sodium delayed-release tablets for GERD have not been established for pediatric patients less than 12 years of age (8.4).

• See **17 for PATIENT COUNSELING INFORMATION and FDA-approved Medication Guide**

Revised: 10/2013

2. DOSAGE AND ADMINISTRATION

Rabeprazole sodium delayed-release tablets should be swallowed whole. The tablets should not be chewed, crushed or split (2.10).

Healing of Erosive or Ulcerative Gastroesophageal Reflux Disease (GERD) (2.1)

Maintenance of Healing of Erosive or Ulcerative GERD (2.2)

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FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

1.1 Healing of Erosive or Ulcerative GERD in Adults
Rabeprazole sodium delayed-release tablets are indicated for short-term (4 to 8 weeks) treatment in the healing and symptomatic relief of erosive or ulcerative gastroesophageal reflux disease (GERD). For those patients who have not healed after 8 weeks of treatment, an additional 8 week course of rabeprazole sodium delayed-release tablets should be considered.

1.2 Maintenance of Healing of Erosive or Ulcerative GERD in Adults
Rabeprazole sodium delayed-release tablets are indicated for maintaining healing and reduction in relapse rates of heartburn symptoms in patients with erosive or ulcerative gastroesophageal reflux disease (GERD Maintenance). Controlled studies do not extend beyond 12 months.

1.3 Treatment of Symptomatic GERD in Adults
Rabeprazole sodium delayed-release tablets are indicated for the treatment of daytime and nighttime heartburn and other symptoms associated with GERD in adults.

1.4 Healing of Duodenal Ulcers in Adults
Rabeprazole sodium delayed-release tablets are indicated for short-term (up to four weeks) treatment in the healing and symptomatic relief of duodenal ulcers. Most patients heal within four weeks.

1.5 *Helicobacter pylori* Eradication to Reduce the Risk of Duodenal Ulcer Recurrence in Adults
Rabeprazole sodium delayed-release tablets in combination with amoxicillin and clarithromycin as a three drug regimen, is indicated for the treatment of patients with *H. pylori* infection and duodenal ulcer disease (active or history within the past 5 years) to eradicate *H. pylori*. Eradication of *H. pylori* has been shown to reduce the risk of duodenal ulcer recurrence [see *Clinical Studies* (14.5) and *Dosage and Administration* (2.5)].

In patients who fail therapy, susceptibility testing should be done. If resistance to clarithromycin is demonstrated or susceptibility testing is not possible, alternative antimicrobial therapy should be instituted [see *Clinical Pharmacology* (12.2) and the clarithromycin package insert, *Clinical Pharmacology* (12.2)].

1.6 Treatment of Pathological Hypersecretory Conditions, Including Zollinger-Ellison Syndrome in Adults
Rabeprazole sodium delayed-release tablets are indicated for the long-term treatment of pathological hypersecretory conditions, including Zollinger-Ellison syndrome.

1.7 Short-Term Treatment of Symptomatic GERD in Adolescent Patients 12 Years of Age and Older
Rabeprazole sodium delayed-release tablets are indicated for the treatment of symptomatic GERD in adolescents 12 years of age and above for up to 8 weeks.

2 DOSAGE AND ADMINISTRATION

2.1 Healing of Erosive or Ulcerative GERD in Adults
The recommended adult oral dose is one rabeprazole sodium 20 mg delayed-release tablet to be taken once daily for four to eight weeks [see *Indications and Usage* (1.1)]. For those patients who have not healed after 8 weeks of treatment, an additional 8 week course of rabeprazole sodium delayed-release tablets may be considered.

2.2 Maintenance of Healing of Erosive or Ulcerative GERD in Adults
The recommended adult oral dose is one rabeprazole sodium 20 mg delayed-release tablet to be taken once daily [see *Indications and Usage* (1.2)].

2.3 Treatment of Symptomatic GERD in Adults
The recommended adult oral dose is one rabeprazole sodium 20 mg delayed-release tablet to be taken once daily for 4 weeks [see *Indications and Usage* (1.3)]. If symptoms do not resolve completely after 4 weeks, an additional course of treatment may be considered. The recommended adolescent dosing is one rabeprazole sodium 20 mg delayed-release tablet to be taken once daily for 8 weeks.

2.4 Healing of Duodenal Ulcers in Adults
The recommended adult oral dose is one rabeprazole sodium 20 mg delayed-release tablet to be taken once daily after the morning meal for a period up to four weeks [see *Indications and Usage* (1.4)]. Most patients with duodenal ulcer heal within four weeks. A few patients may require additional therapy to achieve healing.

2.5 *Helicobacter pylori* Eradication to Reduce the Risk of Duodenal Ulcer Recurrence in Adults
TABLE 1: THREE DRUG REGIMEN^a

Rabeprazole Sodium Delayed-Release Tablet 20 mg Twice Daily for 7 Days
Amoxicillin 1000 mg Twice Daily for 7 Days
Clarithromycin 500 mg Twice Daily for 7 Days

All three medications should be taken twice daily with the morning and evening meals.
^a It is important that patients comply with the full 7 day regimen [see *Clinical Studies* (14.5)].

2.6 Treatment of Pathological Hypersecretory Conditions, Including Zollinger-Ellison Syndrome in Adults
The dosage of rabeprazole sodium delayed-release tablets in patients with pathologic hypersecretory-conditions varies with the individual patient. The recommended adult oral starting dose is 60 mg once daily. Doses should be adjusted to individual patient needs and should continue for as long as clinically indicated. Some patients may require divided doses. Doses up to 100 mg QD and 60 mg BID have been administered. Some patients with Zollinger-Ellison syndrome have been treated continuously with rabeprazole sodium delayed-release tablets for up to one year.

2.7 Short-Term Treatment of Symptomatic GERD in Adolescent Patients 12 Years of Age and Older
The recommended oral dose for adolescents 12 years of age and older is one 20 mg delayed-release tablet once daily for up to 8 weeks [see *Use in Specific Populations* (8.4) and *Clinical Studies* (14.7)].

2.8 Elderly, Renal and Hepatic Impaired Patients
No dosage adjustment is necessary in elderly patients, in patients with renal disease or in patients with mild to moderate hepatic impairment. Administration of rabeprazole to patients with mild to moderate liver impairment resulted in increased exposure and decreased elimination. Due to the lack of clinical data on rabeprazole in patients with severe hepatic impairment, caution should be exercised in these patients.

2.9 Postmarketing Experience
The following adverse reactions have been identified during postapproval use of rabeprazole. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug effects. The most common adverse reactions are: headache (9.9%), diarrhea (4.5%), nausea (4.5%), vomiting (3.6%), and abdominal pain (3.6%). The related reported adverse reactions that occurred in ≥ 2% of patients were headache (5.4%) and nausea (1.8%). There were no adverse reactions reported in this study that were not previously observed in adults.

2.10 Administration Recommendations
TABLE 2: Formulation Population Instructions

Delayed-Release Tablet Adults and adolescents Swallow tablets whole. Do not chew, crush or split tablets. Tablets can be taken with or without food.

3 DOSAGE FORMS AND STRENGTHS
Rabeprazole sodium delayed-release tablets are provided in strength of 20 mg.

4 CONTRAINDICATIONS

Rabeprazole is contraindicated in patients with known hypersensitivity to rabeprazole, substituted benzimidazoles or to any component of the formulation.

For information about contraindications of antibiogram agents (clarithromycin and amoxicillin) indicated in combination with rabeprazole sodium delayed-release tablets, refer to the *Contraindications* section of their package inserts.

5 WARNINGS AND PRECAUTIONS

5.1 Presence of Gastric Malignancy
Symptomatic response to therapy with rabeprazole does not preclude the presence of gastric malignancy.

Patients with healed GERD were treated for up to 40 months with rabeprazole and monitored with serial gastric biopsies. Patients without *H. pylori* infection (221 of 326 patients) had no clinically important pathological changes in the gastric mucosa. Patients with *H. pylori* infection at baseline (105 of 326 patients) had mild or moderate inflammation in the gastric body or mild inflammation in the gastric antrum. Patients with mild grades of infection or inflammation in the gastric body tended to change to moderate, whereas those graded moderate at baseline tended to remain stable. Patients with mild grades of infection or inflammation in the gastric antrum tended to remain stable. At baseline 8% of patients had atrophy of glands in the gastric body and 15% had atrophy in the gastric antrum. At endpoint, 15% of patients had atrophy of glands in the gastric body and 11% had atrophy in the gastric antrum. Approximately 4% of patients had intestinal metaplasia at some point during follow-up, but no consistent changes were seen.

5.2 Concomitant Use With Warfarin
Steady state interactions of rabeprazole and warfarin have not been adequately evaluated in patients. There have been reports of increased INR and prothrombin time in patients receiving a proton pump inhibitor and warfarin concomitantly. Increases in INR and prothrombin time may lead to abnormal bleeding and even death. Patients treated with a proton pump inhibitor and warfarin concomitantly may need to be monitored for increases in INR and prothrombin time.

5.3 *Clostridium difficile* Associated Diarrhea
Published observational studies suggest that PPI therapy like rabeprazole may be associated with an increased risk of *Clostridium difficile* associated diarrhea, especially in hospitalized patients. This diagnosis should be considered for diarrhea that does not improve [see *Adverse Reactions* (6.2)].

Patients should use the lowest dose and shortest duration of PPI therapy appropriate to the condition being treated.

Clostridium difficile associated diarrhea (CDAD) has been reported with use of nearly all antibiogram agents. For more information specific to antibiogram agents (clarithromycin and amoxicillin) indicated for use in combination with rabeprazole, refer to *Warnings and Precautions* sections of those package inserts.

5.4 Bone Fracture

Several published observational studies in adults suggest that PPI therapy may be associated with an increased risk for osteoporosis-related fractures of the hip, wrist, or spine. The risk of fracture was increased in patients who received high-dose, defined as multiple daily doses, and long-term PPI therapy (a year or longer). Patients should use the lowest dose and shortest duration of PPI therapy appropriate to the condition being treated. Patients at risk for osteoporosis-related fractures should be managed according to established treatment guidelines [see *Dosage and Administration* (2) and *Adverse Reactions* (6.2)].

5.5 Hypomagnesemia
Hypomagnesemia, symptomatic and asymptomatic, has 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. 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), healthcare professionals may consider monitoring serum magnesium levels prior to initiation of PPI treatment and periodically [see *Adverse Reactions* (6.2)].

5.6 Concomitant Use of Rabeprazole With Methotrexate
Literature suggests that concomitant use of PPIs with methotrexate (primarily at high dose; see *Methotrexate prescribing information*) may elevate and prolong serum levels of methotrexate and/or its metabolite, possibly leading to methotrexate toxicities. In high-dose methotrexate administration, a temporary withdrawal of the PPI may be considered in some patients [see *Drug Interactions* (7.7)].

6 ADVERSE REACTIONS
Worldwide, over 2900 patients have been treated with rabeprazole in Phase II-III clinical trials involving various dosages and durations of treatment.

Because clinical trials are conducted under varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

6.1 Clinical Studies Experience
Adults
The data described below reflect exposure to rabeprazole in 1064 adult patients exposed for up to 8 weeks. The studies were primarily placebo- and active-controlled trials in adult patients with Erosive or Ulcerative Gastroesophageal Reflux Disease (GERD), Duodenal Ulcers, and Symptomatic GERD. In the placebo-controlled studies, patients received 20 mg once daily for up to 8 weeks for the evaluation of safety and efficacy. The adverse event profile in adolescent patients was similar to that of adults. The related reported adverse reactions that occurred in ≥ 2% of patients were headache (5.4%) and nausea (1.8%). There were no adverse reactions reported in these studies that were not previously observed in adults.

6.2 Nursing Mothers
It is not known if rabeprazole is excreted in human milk; however, rabeprazole is present in rat milk. Because many drugs are excreted in milk, caution should be exercised when rabeprazole is administered to a nursing woman.

6.4 Pediatric Use
Symptomatic GERD in Adolescent Patients Greater or Equal to 12 Years of Age
In a multicenter, randomized, open-label, parallel-group study, 111 adolescent patients 12 to 16 years of age with a clinical diagnosis of symptomatic GERD, or suspected or endoscopically proven GERD, were randomized and treated with either rabeprazole 10 mg or rabeprazole 20 mg once daily for up to 8 weeks for the

	Rabeprazole 10 mg	Rabeprazole 20 mg	Placebo
Study 1	N = 66	N = 67	N = 70
Week 4	83% ^a	96% ^a	44%
Week 13	79% ^a	93% ^a	39%
Week 26	77% ^a	93% ^a	31%
Week 39	76% ^a	91% ^a	30%
Week 52	73% ^a	90% ^a	29%
Study 2	N = 93	N = 93	N = 99
Week 4	89% ^a	94% ^a	40%
Week 13	86% ^a	91% ^a	33%
Week 26	85% ^a	89% ^a	30%
Week 39	84% ^a	88% ^a	29%
Week 52	77% ^a	86% ^a	29%
COMBINED STUDIES	N = 159	N = 160	N = 169
Week 4	87% ^a	94% ^a	42%
Week 13	83% ^a	92% ^a	36%
Week 26	82% ^a	91% ^a	31%
Week 39	81% ^a	89% ^a	30%
Week 52	75% ^a	87% ^a	29%

^a (p < 0.001 versus placebo)

TABLE 10: PERCENT OF PATIENTS WITHOUT RELAPSE IN HEARTBURN FREQUENCY AND DAYTIME AND NIGHTTIME HEARTBURN SEVERITY AT WEEK 52

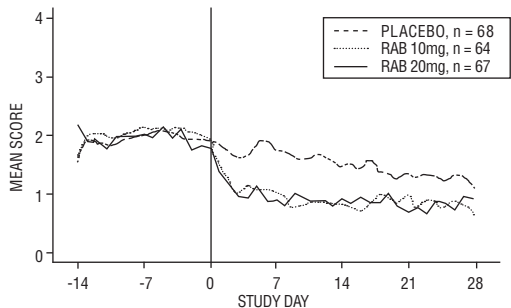
	Rabeprazole 10 mg	Rabeprazole 20 mg	Placebo
Heartburn Frequency			
Study 1	46/55 (84%) ^a	48/52 (92%) ^a	17/45 (38%)
Study 2	50/72 (69%) ^a	57/72 (79%) ^a	22/79 (28%)
Daytime Heartburn Severity			
Study 1	61/64 (95%) ^a	60/62 (97%) ^a	42/61 (69%)
Study 2	73/84 (87%) ^b	82/87 (94%) ^a	67/90 (74%)
Nighttime Heartburn Severity			
Study 1	57/61 (93%) ^a	60/61 (98%) ^a	37/56 (66%)
Study 2	67/80 (84%)	79/87 (91%) ^b	64/87 (74%)

^a p ≤ 0.001 versus placebo
^b 0.001 < p < 0.05 versus placebo

14.3 Treatment of Symptomatic GERD in Adults

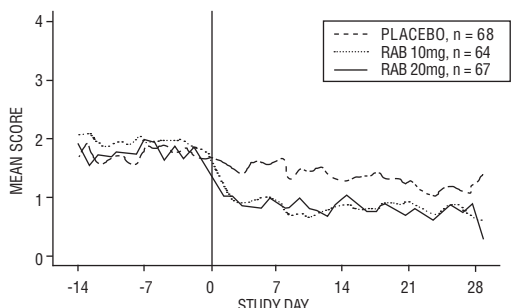
Two U.S., multicenter, double-blind, placebo controlled studies were conducted in 316 adult patients with daytime and nighttime heartburn. Patients reported 5 or more periods of moderate to very severe heartburn during the placebo treatment phase the week prior to randomization. Patients were confirmed by endoscopy to have no esophageal erosions.

The percentage of heartburn free daytime and/or nighttime periods was greater with rabeprazole 20 mg compared to placebo over the 4 weeks of study in Study RAB-USA-2 (47% vs. 23%) and Study RAB-USA-3 (52% vs. 28%). The mean decreases from baseline in average daytime and nighttime heartburn scores were significantly greater for rabeprazole 20 mg as compared to placebo at week 4. Graphical displays depicting the daily mean daytime and nighttime scores are provided in **Figures 2 to 5**.



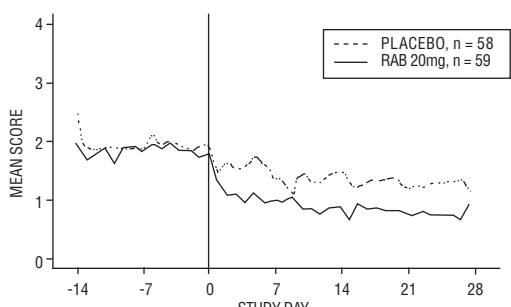
Heartburn Scores: 0 = None, 1 = Slight, 2 = Moderate, 3 = Severe, 4 = Very Severe.

FIGURE 2: MEAN DAYTIME HEARTBURN SCORES RAB-USA-2



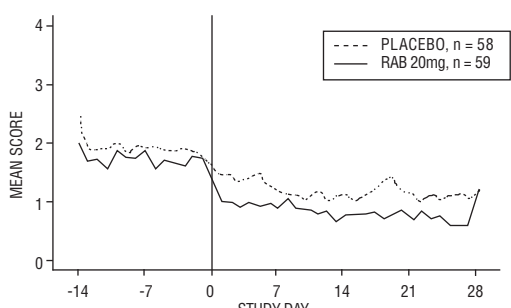
Heartburn Scores: 0 = None, 1 = Slight, 2 = Moderate, 3 = Severe, 4 = Very Severe.

FIGURE 3: MEAN NIGHTTIME HEARTBURN SCORES RAB USA-2



Heartburn Scores: 0 = None, 1 = Slight, 2 = Moderate, 3 = Severe, 4 = Very Severe.

FIGURE 4: MEAN DAYTIME HEARTBURN SCORES RAB USA-3



Heartburn Scores: 0 = None, 1 = Slight, 2 = Moderate, 3 = Severe, 4 = Very Severe.

FIGURE 5: MEAN NIGHTTIME HEARTBURN SCORES RAB USA-3

In addition, the combined analysis of these two studies showed rabeprazole 20 mg significantly improved other GERD-associated symptoms (regurgitation, belching and early satiety) by week 4 compared with placebo (all p values < 0.005).

Rabeprazole 20 mg also significantly reduced daily antacid consumption versus placebo over 4 weeks (p < 0.001).

14.4 Healing of Duodenal Ulcers in Adults

In a U.S., randomized, double-blind, multicenter study assessing the effectiveness of 20 mg and 40 mg of rabeprazole OD versus placebo for healing endoscopically defined duodenal ulcers, 100 patients were treated for up to four weeks. Rabeprazole was significantly superior to placebo in producing healing of duodenal ulcers. The percentages of patients with endoscopic healing are presented below:

Week	Rabeprazole 20 mg OD	Rabeprazole 40 mg OD	Placebo
	N = 34	N = 33	N = 33
2	44%	42%	21%
4	79% ^a	91% ^a	39%

^a p ≤ 0.001 versus placebo

At Weeks 2 and 4, significantly more patients in the rabeprazole 20 and 40 mg groups reported complete resolution of ulcer pain frequency (p ≤ 0.016), daytime pain severity (p ≤ 0.023), and nighttime pain severity (p ≤ 0.035) compared with placebo patients. The only exception was the rabeprazole 40 mg group versus placebo at Week 2 for duodenal ulcer pain frequency (p = 0.094). Significant differences in resolution of daytime and nighttime pain were noted in both rabeprazole groups relative to placebo by the end of the first week of the study. Significant reductions in daily antacid use were also noted in both rabeprazole groups compared to placebo at Weeks 2 and 4 (p < 0.001).

An international randomized, double-blind, active-controlled trial was conducted in 205 patients comparing 20 mg rabeprazole OD with 20 mg omeprazole OD. The study was designed to provide at least 80% power to exclude a difference of at least 10% between rabeprazole and omeprazole, assuming four-week healing response rates of 93% for both groups. In patients with endoscopically defined duodenal ulcers treated for up to four weeks, rabeprazole was comparable to omeprazole in producing healing of duodenal ulcers. The percentages of patients with endoscopic healing at two and four weeks are presented below:

Week	Rabeprazole 20 mg OD	Omeprazole 20 mg OD	95% Confidence Interval for the Treatment Difference (Rabeprazole - Omeprazole)
	N = 102	N = 103	
2	69%	61%	(-6%, 22%)
4	98%	93%	(-3%, 15%)

Rabeprazole and omeprazole were comparable in providing complete resolution of symptoms.

14.5 Helicobacter pylori Eradication in Patients With Peptic Ulcer Disease or Symptomatic Non-Ulcer Disease in Adults

The U.S. multicenter study was a double-blind, parallel-group comparison of rabeprazole, amoxicillin, and clarithromycin for 3, 7, or 10 days vs. omeprazole, amoxicillin and clarithromycin for 10 days. Therapy consisted of rabeprazole 20 mg twice daily, amoxicillin 1000 mg twice daily, and clarithromycin 500 mg twice daily (RAC) or omeprazole 20 mg twice daily, amoxicillin 1000 mg twice daily, and clarithromycin 500 mg twice daily (OAC). Patients with *H. pylori* infection were stratified in a 1:1 ratio for those with peptic ulcer disease (active or a history of ulcer in the past five years) [PUD] and those who were symptomatic but without peptic ulcer disease (NPUO), as determined by upper gastrointestinal endoscopy. The overall *H. pylori* eradication rates, defined as negative ¹³C-UBT for *H. pylori* at 6 weeks from the end of the treatment are shown in the following table. The eradication rates in the 7 day and 10 day RAC regimens were found to be similar to 10 day OAC regimen using either the Intent-to-Treat (ITT) or Per-Protocol (PP) populations. Eradication rates in the RAC 3 day regimen were inferior to the other regimens.

	Treatment Group Percent (%) of Patients Cured (Number of Patients)	Difference (RAC - OAC) [95% Confidence Interval]	
7-day RAC^a	10-day OAC		
Per Protocol ^b	84.3% (N = 166)	81.6% (N = 179)	2.8 [-5.2, 10.7]
Intent-to-Treat ^c	77.3% (N = 194)	73.3% (N = 206)	4.0 [-4.4, 12.5]
10-day RAC^a	10-day OAC		
Per Protocol ^b	86.0% (N = 171)	81.6% (N = 179)	4.4 [-3.3, 12.1]
Intent-to-Treat ^c	78.1% (N = 196)	73.3% (N = 206)	4.8 [-3.6, 13.2]
3-day RAC	10-day OAC		
Per Protocol ^b	29.9% (N = 167)	81.6% (N = 179)	-51.6 [-60.6, -42.6]
Intent-to-Treat ^c	27.3% (N = 187)	73.3% (N = 206)	-46.0 [-54.8, -37.2]

^a The 95% confidence intervals for the difference in eradication rates for 7 day RAC minus 10 day RAC are (-9.3, 6.0) in the PP population and (-9.0, 7.5) in the ITT population.

^b Patients were included in the analysis if they had *H. pylori* infection documented at baseline, defined as a positive ¹³C-UBT plus rapid urease test or culture and were not protocol violators. Patients who dropped out of the study due to an adverse event related to the study drug were included in the evaluable analysis as failures of therapy.

^c Patients were included in the analysis if they had documented *H. pylori* infection at baseline as defined above and took at least one dose of study medication. All dropouts were included as failures of therapy.

14.6 Pathological Hypersecretory Conditions, Including Zollinger-Ellison Syndrome in Adults

Twelve patients with idiopathic gastric hypersecretion or Zollinger-Ellison syndrome have been treated successfully with rabeprazole at doses from 20 to 120 mg for up to 12 months. Rabeprazole produced satisfactory inhibition of gastric acid secretion in all patients and complete resolution of signs and symptoms of acid-peptic disease where present. Rabeprazole also prevented recurrence of gastric hypersecretion and manifestations of acid-peptic disease in all patients. The high doses of rabeprazole used to treat this small cohort of patients with gastric hypersecretion were well tolerated.

14.7 Pediatric GERD

Symptomatic GERD in Adolescents 12 to 16 Years of Age

In a multicenter, randomized, open-label, parallel-group study, 111 adolescent patients 12 to 16 years of age with a clinical diagnosis of symptomatic GERD or suspected or endoscopically proven GERD were randomized and treated with either rabeprazole 10 mg or rabeprazole 20 mg once daily for up to 8 weeks for the evaluation of safety and efficacy.

15 REFERENCES

1. National Committee for Clinical Laboratory Standards. *Methods for Dilution Antimicrobial Susceptibility Tests for Bacteria That Grow Aerobically*—Fifth Edition. Approved Standard NCCLS Document M7-A5, Vol. 20, No. 2. NCCLS, Wayne, PA, January 2000.

16 HOW SUPPLIED/STORAGE AND HANDLING

Rabeprazole sodium delayed-release tablets, 20 mg are supplied as enteric-coated, delayed-release, yellow, round tablets, imprinted on one side of the tablet with black ink “93” “64”. They are available in bottles of 30 and 90.

Dispense in a tight, light-resistant container as defined in the USP, with a child-resistant closure (as required).

Store at 20° to 25°C (68° to 77°F) [See USP Controlled Room Temperature]. Protect from moisture.

17 PATIENT COUNSELING INFORMATION

See FDA-approved patient labeling (Medication Guide).

How to Take Rabeprazole Sodium Delayed-Release Tablets

Patients should be cautioned that rabeprazole sodium delayed-release tablets should be swallowed whole. The tablets should not be chewed, crushed, or split. Rabeprazole sodium delayed-release tablets can be taken with or without food.

Advise patient to immediately report and seek care for diarrhea that does not improve. This may be a sign of *Clostridium difficile* associated diarrhea [see *Warnings and Precautions* (5.3)].

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MEDICATION GUIDE

Rabeprazole Sodium Delayed-Release Tablets

Read the Medication Guide that comes with rabeprazole sodium delayed-release tablets before you start taking them and each time you get a refill. There may be new information. This Medication Guide does not take the place of talking to your doctor about your medical condition or treatment.

What is the most important information I should know about rabeprazole sodium delayed-release tablets? Rabeprazole sodium delayed-release tablets may help your acid-related symptoms, but you could still have serious stomach problems. Talk with your doctor.

Rabeprazole sodium delayed-release tablets can cause serious side effects, including:

- **Diarrhea.** Rabeprazole sodium delayed-release tablets may increase your risk of getting severe diarrhea. This diarrhea may be caused by an infection (*Clostridium difficile*) in your intestines. Call your doctor right away if you have watery stool, stomach pain, and fever that does not go away.
- **Bone fractures.** People who take multiple daily doses of Proton Pump Inhibitor (PPI) medicines for a long period of time (1 year or longer) may have an increased risk of fractures of the hip, wrist, or spine. You should take rabeprazole sodium delayed-release tablets exactly as prescribed, at the lowest dose possible for your treatment and for the shortest time needed. Talk to your doctor about your risk of bone fracture if you take rabeprazole sodium delayed-release tablets.

Rabeprazole sodium delayed-release tablets can have other serious side effects. See “What are the possible side effects of rabeprazole sodium delayed-release tablets?”

What are rabeprazole sodium delayed-release tablets? Rabeprazole sodium delayed-release tablets are a prescription medicine called a Proton Pump Inhibitor (PPI). Rabeprazole sodium delayed-release tablets reduce the amount of acid in your stomach.

Rabeprazole sodium delayed-release tablets are used in adults:

- for up to 8 weeks to heal acid-related damage to the lining of the esophagus (called erosive esophagitis or EE) and to relieve symptoms, such as heartburn pain. If needed, your doctor may decide to prescribe another 8 weeks of rabeprazole sodium delayed-release tablets.
- to maintain the healing of the esophagus and relief of symptoms related to EE. It is not known if rabeprazole sodium delayed-release tablets are safe and effective if used longer than 12 months (1 year).
- for 4 weeks to treat daytime and nighttime heartburn and other symptoms that happen with Gastroesophageal Reflux Disease (GERD). GERD happens when acid in your stomach backs up into the tube (esophagus) that connects your mouth to your stomach. This may cause a burning feeling in your chest or throat, sour taste, or burping.
- for up to 4 weeks for the healing and relief of duodenal ulcers. The duodenal area is the area where food passes when it leaves the stomach.
- for 7 days with certain antibiotic medicines to treat an infection caused by bacteria called *H. pylori*. Sometimes *H. pylori* bacteria can cause duodenal ulcers. The infection needs to be treated to prevent the ulcers from coming back.
- for the long-term treatment of conditions where your stomach makes too much acid. This includes a rare condition called Zollinger-Ellison syndrome.

Rabeprazole sodium delayed-release tablets are used in adolescents 12 years of age and older to treat symptoms of Gastroesophageal Reflux Disease (GERD) for up to 8 weeks.

Who should not take rabeprazole sodium delayed-release tablets? Do not take rabeprazole sodium delayed-release tablets if you:

- are allergic to rabeprazole or any of the other ingredients in rabeprazole sodium delayed-release tablets. See the end of this Medication Guide for a complete list of ingredients in rabeprazole sodium delayed-release tablets.
- are allergic to any other Proton Pump Inhibitor (PPI) medicine.

What should I tell my doctor before taking rabeprazole sodium delayed-release tablets? Before you take rabeprazole sodium delayed-release tablets tell your doctor if you:

- have been told that you have low magnesium levels in your blood
- have liver problems
- have any allergies
- have any other medical conditions

- are pregnant or planning to become pregnant. It is not known if rabeprazole sodium delayed-release tablets can harm your unborn baby.
- are breastfeeding. It is not known if rabeprazole passes into your breast milk. Talk to your doctor about the best way to feed your baby if you take rabeprazole sodium delayed-release tablets.

Tell your doctor about all the medicines you take, including prescription and non-prescription medicines, vitamins and herbal supplements. Rabeprazole sodium delayed-release tablets may affect how other medicines work, and other medicines may affect how rabeprazole sodium delayed-release tablets work. Especially tell your doctor if you take:

- atazanavir (Reyataz[®])
- cyclosporine (Sandimmune[®], Neoral[®])
- digoxin (Lanoxin[®])
- ketoconazole (Nizoral[®])
- warfarin (Coumadin[®])
- theophylline (THEO-24[®] Thelair)
- diazepam (Valium[®])
- phenytoin (Dilantin[®])
- an antibiotic that contains amoxicillin or clarithromycin
- a “water pill” (diuretic)
- methotrexate

Ask your doctor or pharmacist for a list of these medicines, if you are not sure.

Know the medicines that you take. Keep a list of them to show your doctor and pharmacist when you get a new medicine.

How should I take rabeprazole sodium delayed-release tablets?

- Take rabeprazole sodium delayed-release tablets exactly as prescribed. Your doctor will prescribe the dose that is right for you and your medical condition. Do not change your dose or stop taking rabeprazole sodium delayed-release tablets unless you talk to your doctor. Take rabeprazole sodium delayed-release tablets for as long as it is prescribed even if you feel better.
- Rabeprazole sodium delayed-release tablets are usually taken one time each day. Your doctor will tell you the time of day to take rabeprazole sodium delayed-release tablets, based on your medical condition.
- **Rabeprazole sodium delayed-release tablets** can be taken with or without food. Your doctor will tell you whether to take this medicine with or without food based on your medical condition.
- Swallow each **rabeprazole sodium delayed-release tablet** whole with water. **Do not chew, crush, or split rabeprazole sodium delayed-release tablets.** Tell your doctor if you cannot swallow tablets whole.
- **If you miss a dose of rabeprazole sodium delayed-release tablets, take it as soon as possible. If it is almost time for your next dose, skip the missed dose and go back to your normal schedule. Do not take 2 doses at the same time.**
- If you take too many rabeprazole sodium delayed-release tablets, call your doctor or Poison Control Center right away, or go to the nearest hospital emergency room.
- Your doctor may prescribe antibiotic medicines with rabeprazole sodium delayed-release tablets to help treat a stomach infection and heal stomach (duodenal) ulcers that are caused by bacteria called *H. pylori*. Make sure you read the patient information that comes with an antibiotic before you start taking it.

What are the possible side effects of rabeprazole sodium delayed-release tablets? Rabeprazole sodium delayed-release tablets can cause serious side effects, including:

- See “What is the most important information I should know about rabeprazole sodium delayed-release tablets?”
- **Low magnesium levels in your body.** This problem can be serious. Low magnesium can happen in some people who take a Proton Pump Inhibitor (PPI) medicine for at least 3 months. If low magnesium levels happen, it is usually after a year of treatment. You may or may not have symptoms of low magnesium.

Tell your doctor right away if you have any of these symptoms:

- seizures
- dizziness
- abnormal or fast heart beat
- jitteriness
- jerking movements or shaking (tremors)
- muscle weakness
- spasms of the hands and feet
- cramps or muscle aches
- spasm of the voice box

Your doctor may check the level of magnesium in your body before you start taking rabeprazole sodium delayed-release tablets, during treatment, or if you will be taking rabeprazole sodium delayed-release tablets for a long period of time.

The most common side effects with rabeprazole sodium delayed-release tablets include:

- headache
- pain
- sore throat
- gas
- infection
- constipation

Other side effects:

Serious allergic reactions. Tell your doctor if you get any of the following symptoms with rabeprazole sodium delayed-release tablets.

- rash
- face swelling
- throat tightness
- difficulty breathing

Your doctor may stop rabeprazole sodium delayed-release tablets if these symptoms happen.

Tell your doctor if you have any side effect that bothers you or that does not go away. These are not all the side effects of rabeprazole sodium delayed-release tablets. For more information, ask your doctor or pharmacist.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

How should I store rabeprazole sodium delayed-release tablets?

- Store rabeprazole sodium delayed-release tablets in a dry place at room temperature between 20° to 25°C (68° to 77°F).

Keep rabeprazole sodium delayed-release tablets and all medicines out of the reach of children.

General Information about rabeprazole sodium delayed-release tablets

Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. Do not use rabeprazole sodium delayed-release tablets for a condition for which they were not prescribed. Do not give rabeprazole sodium delayed-release tablets to other people, even if they have the same symptoms that you have. They may harm them.

This Medication Guide summarizes the most important information about rabeprazole sodium delayed-release tablets. If you would like more information, talk to your doctor. You can also ask your doctor or pharmacist for information about rabeprazole sodium delayed-release tablets that is written for healthcare professionals. For more information, call 1-888-838-2872.

What are the ingredients in rabeprazole sodium delayed-release tablets?

Active ingredient: rabeprazole sodium
Inactive ingredients: antifoam DC 1510, D&C Yellow #10 Lake, FD&C Yellow #6 Lake, hydroxypropyl cellulose, hypromellose, hypromellose phthalate, iron oxide black, lactose monohydrate, lecithin, low-substituted hydroxypropyl cellulose, magnesium oxide, magnesium stearate, mannitol, microcrystalline cellulose, polyethylene glycol, shellac glaze, stearic acid, titanium dioxide, and triethyl citrate.

This Medication Guide has been approved by the U.S. Food and Drug Administration.

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