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

Rabeprazole Sodium Delayed-Release Tablets, for oral use

Initial U.S. Approval: 1999

- RECENT MAJOR CHANGES Warnings and Precautions, Clostridium difficile associated diarrhea (5.3) Warnings and Precautions, Concomitant use of rabeprazole sodium with Methotrexate (5.6)

--INDICATIONS AND USAGE--Rabeprazole sodium delayed-release tablet is 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) 20 mg once daily Maintenance of Healing of Erosive or Ulcerative GERD (2.2) 20 mg once daily Treatment of Symptomatic GERD in Adults (2.3) 20 mg once daily Healing of Duodenal Illcers (2.4) 20 mg once daily after morning meal

meals for 7 days

Helicobacter pylori Eradication to Reduce the Risk of Duodenal Ulcer Recurrence (2.5) Three Drug Regimen:

Rabeprazole Sodium Delayed-Release Tablets 20 mg

1 INDICATIONS AND USAGE

Clarithromycin 500 mg

FULL PRESCRIBING INFORMATION: CONTENTS*

1.1 Healing of Erosive or Ulcerative GERD in Adults

1.2 Maintenance of Healing of Erosive or Ulcerative GERD in Adults
1.3 Treatment of Symptomatic GERD in Adults

1.4 Healing of Duodenal Ulcers in Adults

1.5 Helicobacter pylori Eradication to Reduce the Risk of Duodenal Ulcer Recurrence in Adults
 1.6 Treatment of Pathological Hypersecretory Conditions, Including Zollinger-Ellison Syndrome in Adults
 1.7 Short-term Treatment of Symptomatic GERD in Adolescent Patients 12 Years of Age and Older

2. DOSAGE AND ADMINISTRATION

Amoxicillin 1000 mg

2.1 Healing of Erosive or Ulcerative GERD in Adults 2.2 Maintenance of Healing of Erosive or Ulcerative GERD in Adults
2.3 Treatment of Symptomatic GERD in Adults

2.4 Healing of Duodenal Ulcers in Adults

2.5 Helicobacter pylori Eradication to Reduce the Risk of Duodenal Ulcer Recurrence in Adults
 2.6 Treatment of Pathological Hypersecretory Conditions, Including Zollinger-Ellison Syndrome in Adults
 2.7 Short-term Treatment of Symptomatic GERD in Adolescent Patients 12 Years of Age and Older

2.9 Elderly, Renal and Hepatic Impaired Patients

2.10 Administration Recommendations

3. DOSAGE FORMS AND STRENGTHS

4. CONTRAINDICATIONS WARNINGS AND PRECAUTIONS

Presence of Gastric Malignancy

5.2 Concomitant Use with Warfarin Clostridium difficile Associated Diarrhea

5.4 Bone Fracture 5.5 Hypomagnesemia

5.6 Concomitant Use of Rabeprazole Sodium with Methotrexate

6. ADVERSE REACTIONS

6.1 Clinical Studies Experience

6.2 Postmarketing Experience

7. DRUG INTERACTIONS Drugs metabolized by CYP450

7.2 Warfarin

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 may 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

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 DDSAGE AND ADMINISTRATION (2.5)].

In patients who fail therapy, susceptibility testing should be done. If resistance to clarith susceptibility testing is not possible, alternative antimicrobial therapy should be instituted [see (12.2) and the clarithromycin package insert, CLINICAL PHARMACOLOGY (12.2)]. stituted [see CLINICAL PHARMACOLOGY

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

1.7 Short-term Treatment of Symptomatic GERD in Adolescent Patients 12 Years of Age and Older ic GERD in adolescents 12 years of

2 DOSAGE AND ADMINISTRATION 2.1 Healing of Erosive or Ulcerative GERD in Adults

The recommended adult oral dose is one rabeprazole sodium delayed-release tablet, 20 mg 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 ed adult oral dose is one rabeprazole sodium delayed-release tablet, 20 mg to be taken once daily [see INDICATIONS AND USAGE (1.2)].

2.3 Treatment of Symptomatic GERD in Adults

2.3 Freatment of symptomatic GERD in Adults
The recommended adult oral dose is one rabeprazole sodium delayed-release tablet, 20 mg 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 delayed-release tablets 20 mg

to be taken once daily for 8 weeks. 2.4 Healing of Duodenal Ulcers in Adults ded adult oral dose is one rabeprazole sodium delayed-release tablet to be taken once daily after the morning

meal for a period up to four weeks [see INDICATIONS AND USAGE (1.5)]. Most patients with duodenal ulcer heal within fou 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 8

Rabeprazole Sodiun Twice Daily for 7 Day

Delayed-Release Tablet	20g	Three Daily for F Days
Amoxicillin	1000 mg	Twice Daily for 7 Days
Clarithromycin	500 mg	Twice Daily for 7 Days
All three medications should be taken twice d	laily with the morning and ever	ing meals.

^a It is important that patients comply with the full 7-day regimen [see **CLINICAL STUDIES (14.5)**].

 ${\bf 2.6\ Treatment\ of\ Pathological\ Hypersecretory\ Conditions,\ Including\ Zollinger-Ellison\ Syndrome\ in\ Adults}$

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 Olde 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)].

2.9 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 those patients.

TABLE 2

Formulation	Population	Instructions
Delayed-	Adults and	Swallow tablets whole. Do not chew,
Release	adolescents	crush or split tablets.
Tablet	12 years of age and older	Tablets can be taken with or without food.

3 DOSAGE FORMS AND STRENGTHS se tablets are provided in strength of 20 mg.

Rabeprazole is contraindicated in patients with known hypersensitivity to rabeprazole, substituted benzimidazoles or to any component of the formulation. For information about contraindications of antibacterial agents (clarithromycin and amoxicillin) indicated in combination with rabeprazole sodium, refer to the **CONTRAINDICATIONS** section of their package inserts.

5 WARNINGS AND PRECAUTIONS

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 pathologic changes in the gastric mucosa Patients with *H. pylori* infection at baseline (105 of 32b patients) had mild of moderate 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 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. 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

Patients with H. pylori infection at baseline (105 of 326 patients) had mild or moderate inflammation in the gastric body or

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All three medications should be taken twice daily with morning and evening

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

Dublished observational studies suggest that PPI therapy like rabeprazole sodium 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 antibacterial agents. For more nformation specific to antibacterial agents (clarithromycin and amoxicillin) indicated for use in combination with rabeprazole sodium, 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 better that the state of the proposed patients and the proposed patients and the proposed patients and the patients are patients and the patients and the patients and the patients are patients and the patients and the patients are patients are patients and the patients are patients are patients are patients and the patients are patients are patients are patients are patients are patients are patients and the patients are patients. 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)].

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 magnesium levels prior to initiation of PPI treatment and periodically [see **ADVERSE REACTIONS (6.2)**].

5.6 Concomitant Use of Rabeprazole Sodium 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

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 The data described below reflect exposure to rabeprazole sodium 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 Gastric Ulcers. The population had a mean age of 53 years (range 18 to 89 years)

and had a ratio of approximately 60 % male: 40 % female. The racial distribution was 86 % Caucasian, 8% African American 2% Asian and 5% other. Most patients received either 10 mg, 20 mg or 40 mg/day of rabeprazole sodium. An analysis of adverse reactions appearing in ≥2 % of rabeprazole sodium patients (n=1064) and with a greater frequency than placebo (n=89) in controlled North American and European acute treatment trials, revealed the following adverse reactions: pain (3% vs. 1%), pharyngitis (3 % vs. 2 %), flatulence (3 % vs. 1 %), infection (2 % vs. 1 %), and constipation (2 % vs. 1 %). Three long-term maintenance studies consisted of a total of 740 adult patients; at least 54 % of adult patients were exposed to rabeprazole for 6 months and at least 33% were exposed for 12 months. Of the 740 adult patients, 247 (33%) and 241 (33%) patients received 10 mg and 20 mg of rabeprazole sodium, respectively, while 169 (23%) patients received placebo and 83 (11%) received omeprazole.

The safety profile of rabeprazole in the maintenance studies in adults was consistent with what was observed in the acute Other adverse reactions seen in controlled clinical trials, which do not meet the above criteria (>2 % of rabenrazole sodium

other adverse teachins seem in controlled initial mais, which do nitide the adverse teaching to radeptazole southin treated patients and greater than placebo) and for which there is a possibility of a causal relationship to rabeprazole, include the following: headache, abdominal pain, diarrhea, dry mouth, dizziness, peripheral edema, hepatic enzyme increase, hepatitis, hepatic encephalopathy, myalgia, and arthralgia. Combination Treatment with Amoxicillin and Clarithromycin In clinical trials using combination therapy with rabeprazole plus amoxicillin and clarithromycin (RAC), no adverse reactions unique to this drug combination were observed. In the U.S. multicenter study, the most frequently reported drug related adverse reactions for patients who received RAC therapy for 7 or 10 days were diarrhea (8 % and 7 %) and taste perversion

(6 % and 10 %), respectively No clinically significant laboratory abnormalities particular to the drug combinations were observed. For more information on adverse reactions or laboratory changes with amoxicillin or clarithromycin, refer to their respective package prescribing information, **ADVERSE REACTIONS** section.

In a multicenter, open-label study of adolescent patients 12 to 16 years of age with a clinical diagnosis of symptomatic GERD or endoscopically proven GERD, the adverse event profile was similar to that of adults. The adverse reactions reported without regard to relationship to rabeprazole sodium that occurred in $\geq 2\%$ of 111 patients were headache (9.9 %), diarrhea (4.5 %), ansuse (4.5 %), vomiting (3.6 %), and abdominal pain (3.6 %). The related reported adverse reactions that occurred in $\geq 2\%$ 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. 6.2 Postmarketing Experience The following adverse reactions have been identified during post approval use of rabeprazole sodium. 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 exposure: sudden death; coma, hyperammonemia; jaundice; rhabdomyolysis; disorientation and delirium; anaphylaxis; angioedema; bullous and other drug eruptions of the skin; severe dermatologic reactions, including toxic epidermal necrolysis (some fatal), Stevens-Johnson syndrome, and erythema multiforme; interstitial pneumonia; interstitial nephritis; TSH elevations; bone fractures; hypomagnesemia and Ciostridium difficile associated

diarrhea. In addition, agranulocytosis, hemolytic anemia, leukopenia, pancytopenia, and thrombocytopenia have been reported. Increases in prothrombin time/INR in patients treated with concomitant warfarin have been reported.

7.1 Drugs Metabolized by CYP450

prazole is metabolized by the cytochrome P450 (CYP450) drug metabolizing enzyme system. Studies in healthy subjects have shown that rabeprazole does not have clinically significant interactions with other drugs metabolized by the CYP450 system, such as warfarin and theophylline given as single oral doses, diazepam as a single intravenous dose, and phenytoin given as a single intravenous dose (with supplemental oral dosing). Steady state interactions of rabeprazole and other drugs metabolized by this enzyme system have not been studied in patients.

7.3 Cyclosporine

7.4 Compounds Dependent on Gastric pH for Absorption 7.5 Drugs Metabolized by CYP2C19

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

• PPI therapy may be associated with increased risk of *Clostridium difficile* associated diarrhea (5.3)

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

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

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

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

Rabeprazole has been shown to inhibit cyclosporine metabolism in vitro (7.3)

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

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

See 17 for PATIENT COUNSELING INFORMATION and MEDICATION GUIDE

7.6 Combined Administration with Clarithromycin 7.7 Methotrexate

7.8 Clopidogrel

8. USE IN SPECIFIC POPULATIONS 8.1 Pregnancy

Delayed-Release Tablets: 20 mg (3)

History of hypersensitivity to rabeprazole (4)

8.3 Nursing Mothers 8.4 Pediatric Use 8.5 Geriatric Use

8.6 Gender

10. OVERDOSAGE 11. DESCRIPTION

12. CLINICAL PHARMACOLOGY

12.1 Mechanism of Action 12.2 Pharmacodynamics

12.3 Pharmacokinetics

13. NONCLINICAL TOXICOLOGY 13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

13.2 Animal Toxicology and/or Pharmacology

14. CLINICAL STUDIES

14.1 Healing of Erosive or Ulcerative GERD in Adults 14.2 Long-term Maintenance of Healing of Erosive or Ulcerative GERD in Adults

14.3 Treatment of Symptomatic GERD in Adults 14.4 Healing of Duodenal Ulcers in Adults

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

14.6 Pathological Hypersecretory Conditions, Including Zollinger-Ellison Syndrome 14.7 Pediatric GERD

15 REFERENCES

16 HOW SUPPLIED/STORAGE AND HANDLING

17 PATIENT COUNSELING INFORMATION

* Sections or subsections omitted from the full prescribing information are not listed.

There have been reports of increased NR and prothrombin time in patients receiving proton pump inhibitors, including rabeprazole, and warfarin concomitantly. Increases in INR and prothrombin time may lead to abnormal bleeding and even death [see WARNINGS AND PRECAUTIONS (5.2)]. **7.3 Cyclosporine**In vitro incubations employing human liver microsomes indicated that rabeprazole inhibited cyclosporine metabolism with

an IC_{sq} of 62 micromolar, a concentration that is over 50 times higher than the C_{max} in healthy volunteers following 14 days of dosing with 20 mg of rabeprazole. This degree of inhibition is similar to that by omeprazole at equivalent concentrations. 7.4 Compounds Dependent on Gastric pH for Absorption
Rabeprazole produces sustained inhibition of gastric acid secretion. An interaction with compounds which are dependent on gastric pH for absorption may occur due to the magnitude of acid suppression observed with rabeprazole. For example, in normal subjects, co-administration of rabeprazole 20 mg QD resulted in an approximately 30 % decrease in the bioavailability of ketoconazole and increases in the AUC and C_{mix} for digoxin of 19 % and 29 %, respectively. Therefore, patients may need to be monitored when such drugs are taken concomitantly with rabeprazole. Co-administration of rabeprazole and antacids produced no clinically relevant changes in plasma rabeprazole concentrations.

pump inhibitors is expected to substantially decrease atazanavir plasma concentrations and thereby reduce its therapeutic effect.

7.5 Drugs Metabolized by CYP2C19

7.3 brigs metabolized by GYP2C19 [In a clinical study in Japan evaluating rabeprazole in adult patients categorized by CYP2C19 genotype (n=6 per genotype category), gastric acid suppression was higher in poor metabolizers as compared to extensive metabolizers. This could be due to higher rabeprazole plasma levels in poor metabolizers. Whether or not interactions of rabeprazole sodium with other drugs metabolized by CYP2C19 would be different between extensive metabolizers and poor metabolizers has not been studied. 7 6 Combined Administration with Clarithromycin Combined administration consisting of rabeprazole, amoxicillin, and clarithromycin resulted in increases in plasma concentrations of rabeprazole and 14-hydroxyclarithromycin [see CLINICAL PHARMACOLOGY (12.3)].

Concomitant administration of clarithromycin with other drugs can lead to serious adverse reactions due to drug interactions [see WARNINGS AND PRECAUTIONS in prescribing information for clarithromycin]. Because of these drug interactions, clarithromycin is contraindicated for co-administration with certain drugs [see CONTRAINDICATIONS in prescribing information for clarithromycin] [see **DRUG INTERACTIONS** in prescribing information for amoxicillin Case reports, published population pharmacokinetic studies, and retrospective analyses suggest that concomitan

administration of PPIs and methotrexate (primarily at high dose; see methotrexate prescribing information) may elevate and prolong serum levels of methotrexate and/or its metabolite hydroxymethotrexate. However, no formal drug interaction studies of methotrexate with PPIs have been conducted [see WARNINGS AND PRECAUTIONS (5.6)].

Concomitant administration of rabeprazole and clopidogrel in healthy subjects had no clinically meaningful effect on exposure to the active metabolite of clopidogrel [see **CLINICAL PHARMACOLOGY (12.3)**]. No dose adjustment of clopidogrel is necessary when administered with an approved dose of rabeprazole sodium.

8 USE IN SPECIFIC POPULATIONS 8.1 Pregnancy

Pregnancy Category B

Risk Summary

There are no adequate and well-controlled studies with rabeprazole sodium in pregnant women. No evidence of teratogenicity was seen in animal reproduction studies with rabeprazole at 13 and 8 times the human exposure at the recommended dose for GERD, in rats and rabbits, respectively. Because animal reproduction studies are not always predictive of human response, this data behalf by the data behalf the processors with its data behalf to be a second to the production of the p this drug should be used during pregnancy only if clearly needed. Embryo-fetal developmental studies have been performed in rats at intravenous doses of rabeprazole up to 50 mg/kg/

Embryo-letal developmental studies have been performed in rats at intravenous doses of radeprazole up to 50 mg/kg/day (plasma AUC of 11.8 mcg+hr/mL, about 13 times the human exposure at the recommended oral dose for GERD) and rabbits at intravenous doses up to 30 mg/kg/day (plasma AUC of 7.3 mcg+hr/mL, about 8 times the human exposure at the recommended oral dose for GERD) and have revealed no evidence of harm to the fetus due to rabeprazole. Administration of rabeprazole to rats in late gestation and during lactation at an oral dose of 400 mg/kg/day (about 195-times the human oral dose based on mg/m^2) resulted in decreases in body weight gain of the pups. It is not known if rabeprazole sodium 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 sodium is administered to a nursing woma 8.4 Pediatric Use ptomatic 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 sodium 10 mg or rabeprazole sodium 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

8.5 Geriatric Use Of the total number of subjects in clinical studies of rabeprazole sodium, 19% were 65 years and over, while 4% were 75 years and over. No overall differences in safety or effectiveness were observed between these subjects and younger subjects, and other reported clinical experience has not identified differences in responses between the elderly and younger patients, but greater sensitivity of some older individuals cannot be ruled out.

10 OVERDOSAGE Because strategies for the management of overdose are continually evolving, it is advisable to contact a Poison Control Center to determine the latest recommendations for the management of an overdose of any drug. There has been no experience with large overdoses with rabeprazole. Seven reports of accidental overdosage with rabeprazole have been received. The maximum reported overdose was 80 mg. There were no clinical signs or symptoms associated with any

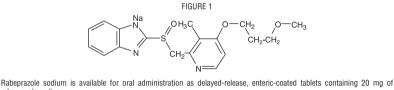
reported overdose. Patients with Zollinger-Ellison syndrome have been treated with up to 120 mg rabeprazole QD. No specific

denal ulcer and erosive esophagitis healing rates in women are similar to those in men. Adverse reactions and laboratory

antidote for rabeprazole is known. Rabeprazole is extensively protein bound and is not readily dialyzable. In the event of overdosage, treatment should be symptomatic and supportive Single oral doses of rabeprazole at 786 mg/kg and 1024 mg/kg were lethal to mice and rats, respectively. The single oral dose of 2000 mg/kg was not lethal to dogs. The major symptoms of acute toxicity were hypoactivity, labored respiration, lateral or prone position and convulsion in mice and rats and watery diarrhea, tremor, convulsion and coma in dogs.

studies that were not previously observed in adults

The active ingredient in rabeprazole sodium delayed-release tablets is rabeprazole sodium, which is a proton pump inhibitor. It is a substituted benzimidazole known chemically as $2 \cdot [[[4 \cdot (3methoxypropoxy) - 3-methyl - 2-pyridinyl] - methyl]sulfinyl] - 1H-benzimidazole sodium salt. It has an empirical formula of <math>\mathbb{Q}_n^{\mathsf{H}_{2N}} \mathbb{N}_n \mathbb{Q}_n \mathbb{Q}_n$ and a molecular weight of 381.43. Rabeprazole sodium is a white to slightly yellowish-white solid. It is very sofuble in water and methanol, freely soluble in ethanol, chloroform and ethyl acetate and insoluble in ether and n-hexane. The stability of rabeprazole sodium is a function of pH; it is rapidly degraded in acid media, and is more stable under alkaline conditions. The structural formula is



Starting dose 60 mg once daily then adjust to patient needs

Revised: September 2013

20 mg once daily

DOSAGE FORMS AND STRENGTHS----

- CONTRAINDICATIONS -

-- WARNINGS AND PRECAUTIONS

-- ADVERSE REACTIONS ---

• In the adult studies (4 to 8 weeks), adverse reactions that occurred at a rate greater than 2% and greater than placebo included pain, pharyngitis, flatulence, infection and constipation (6.1).

---- DRUG INTERACTIONS --

Rabeprazole sodium 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

---- USE IN SPECIFIC POPULATIONS ---

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)

To report SUSPECTED ADVERSE REACTIONS, contact Lupin Pharmaceuticals Inc. at 1-800-399-2561 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch

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

• The safety and efficacy of rabeprazole sodium for the other adult indications have not been established for pediatric patients (8.4)

Inactive ingredients of 20 mg tablets are black iron oxide, carnauba wax, crospovidone, diacetylated monoglycerides, ethyl industry ingredients of 20 mg daylets are based in toxide, call adda was, crosportatine, diabetyrated infolloglycelloes, hydroxypropyl cellulose, hypromellose phthalate, lecithin, light magnesium oxide, magnesium stearate, mani polyethylene glycol, polyvinyl alcohol, shellac, sodium stearyl fumarate, talc, titanium dioxide and yellow iron oxide. 12 CLINICAL PHARMACOLOGY

Rabeprazole belongs to a class of antisecretory compounds (substituted benzimidazole proton-pump inhibitors) that do not exhibit anticholinergic or histamine H_x-receptor antagonist properties, but suppress gastric acid secretion by inhibiting the gastric H_x-receptor antagonist properties, but suppress gastric acid secretion by inhibiting the gastric parties are surface of the gastric partiel cell. Because this enzyme is regarded as the acid (proton) pump within the parietal cell, rabeprazole has been characterized as a gastric proton-pump inhibitor. Rabeprazole blocks the final step of gastric acid secretion. In gastric parietal cells, rabeprazole is protonated, accumulates, and is transformed to an active sulfenamide. When studied in vitro, rabeprazole is chemically activated at pH 1.2 with a half-life of 78 seconds. It inhibits acid transport in porcine gastric

vesicles with a half-life of 90 seconds. 12.2 Pharmacodynamics

12.2 Pharmacodynamics
Antisseretory Activity
The antisecretory effect begins within one hour after oral administration of 20 mg rabeprazole sodium. The median inhibitory effect of rabeprazole sodium on 24 hour gastric acidity is 88% of maximal after the first dose. Rabeprazole sodium 20 mg inhibits basal and peptone meal-stimulated acid secretion versus placebo by 86% and 95%, respectively, and increases the percent of a 24-hour period that the gastric pH>3 from 10% to 65% (see table below). This relatively prolonged mic action compared to the short pharmacokinetic half-life (1 to 2 hours) reflects the sustained inactivation of the H+, K+ATPase

Table 3 Gastric Acid Parameters Rabeprazole Sodium versus Placebo after 7 Days of Once Daily Dosing Rabeprazole Sodium

1 didilictor	(20 mg QD)	1 lacebo
Basal Acid Output (mmol/hr)	0.4*	2.8
Stimulated Acid Output (mmol/hr)	0.6*	13.3
% Time Gastric pH>3	65*	10
*(p<0.01 versus placebo) Compared to placebo, rabeprazole sodium, 10 mg, 20 mg,	and 40 mg, administered onc	e daily for 7 days significantly

decreased intragastric acidity with all doses for each of four meal-related intervals and the 24-hour time period overall. In this study, there were no statistically significant differences between doses; however, there was a significant dose-re ase in intragastric acidity. The ability of rabeprazole to cause a dose-related decrease in mean intragastric acidity is

AUC Acidity (mmol*hr/L)
Rabeprazole Sodium versus Placebo on Day 7 of Once Daily Dosing (Mean ± SD) Treatment

AUC interval (hrs)	10 mg RBP (N=24)	20 mg RBP (N=24)	40 mg RBP (N=24)	(N=24)
08:00 - 13:00	19.6±21.5*	12.9±23*	7.6±14.7*	91.1±39.7
13:00 - 19:00	5.6±9.7*	8.3±29.8*	1.3±5.2*	95.5±48.7
19:00 - 22:00	0.1±0.1*	0.1±0.06*	0.0±0.02*	11.9±12.5
22:00 - 08:00	129.2±84 *	109.6±67.2*	76.9±58.4*	479.9±165
AUC 0-24 hours	155.5±90.6*	130.9±81*	85.8±64.3*	678.5±216
*(p<0.001 versus placebo)				

pH > 3 or gastric pH > 4 after a single dose (Day 1) and multiple doses (Day 8) was significantly greater than placebo (see table below). The decrease in gastric acidity and the increase in gastric pH observed with 20 mg rabeprazole sodium tablets administered once daily for eight days were compared to the same parameters for placebo, as illustrated below: Gastric Acid Parameters

After administration of 20 mg rabeprazole sodium tablets once daily for eight days, the mean percent of time that gastric

Rabeprazole Sodium Once Daily Dosing Versus Placebo on Day 1 and Day 8 Rabeprazole Sodium Placeho Day 1 Day 8 Mean AUC Acidity 340.8* 176.9* 925.5 862.4 Median trough pH (23-hr)^a 3.77 1.27 1.38 3.51 % Time Gastric pH > 3b 54.6* 68.7 19.1 21.7 % Time Gastric pH > 4b 44.1* 60.3* 7.6 11.0

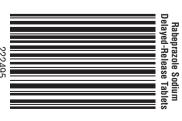
Gastric pH was measured every hour over a 24-hour period.

a No inferential statistics conducted for this parameter

(p<0.001 versus placebo)

Effects on Esophageal Acid Exposure
In patients with gastroesophageal reflux disease (GERD) and moderate to severe esophageal acid exposure, rabeprazole sodium 20 mg and 40 mg tablets per day decreased 24-hour esophageal acid exposure. After seven days of treatment, the percentage of time that esophageal pH < 4 decreased from baselines of 24.7% for 20 mg and 23.7% for 40 mg, to 5.1 % and 2.0 %, respectively. Normalization of 24-hour intraesophageal acid exposure was correlated to gastric pH > 4 for at least 35% of the 24-hour period; this level was achieved in 90% of subjects receiving rabeprazole sodium 20 mg and in 100% of subjects receiving rabeprazole sodium 40 mg. With rabeprazole sodium 20 mg and 40 mg per day, significant effects on gastric and esophageal pH were noted after one day of treatment, and more pronounced after seven days of treatment. In patients given daily doses of rabeprazole sodium for up to eight weeks to treat ulcerative or erosive esophagitis and in patients treated for up to 52 weeks to prevent recurrence of disease the median fasting gastrin level increased in a dose-related

manner. The group median values staved within the normal range.



In a group of subjects treated daily with rabeprazole sodium 20 mg tablets for 4 weeks a doubling of mean serum gastrin concentrations were observed. Approximately 35% of these treated subjects developed serum gastrin concentrations above the upper limit of normal. In a study of CYP2C19 genotyped subjects in Japan, poor metabolizers developed statistically significantly higher serum gastrin concentrations than extensive metabolizers.

Effects on Enterochromaffin-like (ECL) Cells Increased serum gastrin secondary to antisecretory agents stimulates proliferation of gastric ECL cells which, over time, may result in ECL cell hyperplasia in rats and mice and gastric carcinoids in rats, especially in females [see NONCLINICAL TOXICOLOGY (13 1)]

In over 400 patients treated with rabeprazole sodium tablets (10 or 20 mg/day) for up to one year, the incidence of ECL cell hyperplasia increased with time and dose, which is consistent with the pharmacological action of the proton-pump inhibitor. No patient developed the adenomatoid, dysplastic or neoplastic changes of ECL cells in the gastric mucosa. No patient eloped the carcinoid tumors observed in rats. **Endocrine Effects**

Studies in humans for up to one year have not revealed clinically significant effects on the endocrine system. In healthy male volunteers treated with rabeprazole sodium for 13 days, no clinically relevant changes have been detected in the following endocrine parameters examined: 17 β -estradiol, thyroid stimulating hormone, tri-iodothyronine, thyroxine, thyroxine-binding protein, parathyroid hormone, insulin, glucagon, renin, aldosterone, follicle-stimulating hormone, luteotrophic hormone, prolactin, somatotrophic hormone, dehydroepiandrosterone, cortisol-binding globulin, and urinary 6β -hydroxycortisol, serum testestores and eigenful activates and the second control of the se

In humans treated with rabeprazole sodium for up to one year, no systemic effects have been observed on the central nervous, lymphoid, hematopoietic, renal, hepatic, cardiovascular, or respiratory systems. No data are available on long-term treatment with rabeprazole sodium and ocular effects.

Microbiology The following in vitro data are available but the clinical significance is unknown.

Rabeprazole sodium, amoxicillin and clarithromycin as a three drug regimen has been shown to be active against most strains of Helicobacter pylori in vitro and in clinical infections as described in the CLINICAL STUDIES (14) and INDICATIONS AND USAGE (1) sections Helicobacter pylori

Susceptibility testing of *H. pylori* isolates was performed for amoxicillin and clarithromycin using agar dilution methodology¹, and minimum inhibitory concentrations (MICs) were determined. Standardized susceptibility test procedures require the use of laboratory control microorganisms to control the technical

aspects of the laboratory procedures. Incidence of Antibiotic-Resistant Organisms Among Clinical Isolates

Pretreatment Resistance: Clarithromycin pretreatment resistance rate (M C \geq 1 mcg/mL) to H. pylori was 9 % (51/560) at baseline in all treatment groups combined. A total of > 99% (558/560) of patients had *H. pylori* isolates which were considered to be susceptible (MIC \leq 0.25 mcg/mL) to amoxicillin at baseline. Two patients had baseline *H. pylori* isolates with an amoxicillin MIC of 0.5 mcg/mL. For susceptibility testing information about Helicobacter pylori, see Microbiology section in prescribing information for

Table 6 Clarithromycin Susceptibility Test Results and Clinical/Bacteriologic Outcomes* for a Three Drug Regimen (Rabeprazole 20 mg Twice Daily, Amoxicillin 1000 mg Twice Daily, And Clarithromycin 500 mg Twice Daily For 7 or 10 Days)

Days of RAC Therapy	Clarithromycin Pretreatment Results	Total Number	H. pylori Number Negative (Eradicated)			ve (Persist sceptibility	
Пістару	rieneannem nesuns			Sb	I b	Rb	No MIC
7	Susceptible b	129	103	2	0	1	23
7	Intermediate ^b	0	0	0	0	0	0
7	Resistant ^b	16	5	2	1	4	4
10	Susceptible ^b	133	111	3	1	2	16
10	Intermediate ^b	0	0	0	0	0	0
10	Resistant b	9	1	0	0	5	3

a Includes only patients with pretreatment and post-treatment clarithromycin susceptibility test re ^b Susceptible (S) M C ≤ 0.25 mcg/mL, Intermediate (I) M C = 0.5 mcg/mL, Resistant (R) M C ≥ 1 mcg/mL

Patients with persistent *H. pylori* infection following rabeprazole, amoxicillin, and clarithromycin therapy will likely have clarithromycin resistant clinical isolates. Therefore, clarithromycin susceptibility testing should be done when possible. If resistance to clarithromycin is demonstrated or susceptibility testing is not possible, alternative antimicrobial therapy should

macokinetics of rabeprazole is not altered by multiple dosing.

Amoxicillin Susceptibility Test Results and Clinical/Bacteriological Outcomes: In the U.S. multicenter study, a total of >99% (558/560) of patients had H. pylori isolates which were considered to be susceptible (MIC $\leq 0.25 \text{ mcg/mL}$) to amoxicillin at baseline. The other 2 patients had baseline H. pylori isolates with an amoxicillin MIC of 0.5 mcg/mL, and both isolates were clarithromycin-resistant at baseline; in one case the H- pylori was eradicated. In the 7- and 10-day treatment groups 75% (107/145) and 79% (112/142), respectively, of the patients who had pretreatment amoxicillin susceptible M Cs (\leq 0.25 mcg/mL) were eradicated of H- pylori. No patients developed amoxicillin-resistant H*pylori* during therapy. 12.3 Pharmacokinetics

Rabeprazole sodium delayed-release tablets are enteric-coated to allow rabeprazole sodium, which is acid labile, to pass through the stomach relatively intact. After oral administration of 20 mg rabeprazole sodium delayed-release tablet, peak plasma concentrations (C_{max}) of rabeprazole occur over a range of 2.0 to 5.0 hours (T_{max}). The rabeprazole C_{max} and AUC are linear over an oral dose range of 10 mg to 40 mg. There is no appreciable accumulation when doses of 10 mg to 40 mg are administered every 24 hours; the

Absolute bioavailability for a 20 mg oral tablet of rabeprazole (compared to intravenous administration) is approximately 52%. When rabeprazole sodium delayed-release tablets are administered with a high fat meal, Tmm is variable; which concomitant food intake may delay the absorption up to 4 hours or longer. However, the Cmm and the extent of rabeprazole absorption (AUC) are not significantly altered. Thus rabeprazole sodium delayed-release tablets may be taken without regard to timing

Distribution Rabeprazole is 96.3% bound to human plasma proteins.

Rabeprazole is extensively metabolized. A significant portion of rabeprazole is metabolized via systemic nonenzymatic reduction to a thioether compound. Rabeprazole is also metabolized to sulphone and desmethyl compounds via cytochrome P450 in the liver. The thioether and sulphone are the primary metabolites measured in human plasma. These metabolites were not observed to have significant antisecretory activity. *In vitro* studies have demonstrated that rabeprazole is metabolized in the liver primarily by cytochromes P450 3A (CYP3A) to a sulphone metabolite and cytochrome P4502C19 (CYP2C19) to desmethyl rabeprazole. CYP2C19 exhibits a known genetic polymorphism due to its deficiency in some sub-populations (e.g. 3 to 5% of Caucasians and 17 to 20% of Asians). Rabeprazole metabolism is slow in these sub-populations, therefore, they are referred to as poor metabolizers of the drug.

Following a single 20 mg oral dose of ¹⁴C-labeled rabeprazole, approximately 90% of the drug was eliminated in the urine, primarily as thioether carboxylic acid; its glucuronide, and mercapturic acid metabolites. The remainder of the dose was recovered in the feces. Total recovery of radioactivity was 99.8%. No unchanged rabeprazole was recovered in the urine or

In 20 healthy elderly subjects administered 20 mg rabeprazole tablet once daily for seven days, AUC values approximately doubled and the C_{\max} increased by 60% compared to values in a parallel younger control group. There was no evidence of drug accumulation after once daily administration [see **USE IN SPECIFIC POPULATION (8.5)**].

The pharmacokinetics of rabeprazole was studied in 12 adolescent patients with GERD 12 to 16 years of age, in a multicenter study. Patients received rabeprazole 20 mg tablets once daily for five or seven days. An approximate 40 % increase in exposure was noted following 5 to 7 days of dosing compared with the exposure after 1 day dosing. Pharmacokinetic parameters in adolescent patients with GERD 12 to 16 years of age were within the range observed in healthy adult volunteers Gender and Race

In analyses adjusted for body mass and height, rabeprazole pharmacokinetics showed no clinically significant differences between male and female subjects. In studies that used different formulations of rabeprazole, AUC_{p.-} values for healthy Japanese men were approximately 50 to 60 % greater than values derived from pooled data from healthy men in the United

Renal Disease In 10 patients with stable end-stage renal disease requiring maintenance hemodialysis (creatinine clearance <5 mL/min/1.73 m²), no clinically significant differences were observed in the pharmacokinetics of rabeprazole after a single 20 mg oral dose when compared to 10 healthy volunteers [see **DOSAGE AND ADMINISTRATION (2.9)**]. Henatic Disease

In a single dose study of 10 patients with chronic mild to moderate compensated cirrhosis of the liver who were administered a 20 mg dose of rabeprazole, AUC ₆₂₈ was approximately doubled, the elimination half-life was 2- to 3-fold higher, and total body clearance was decreased to less than half compared to values in healthy men. In a multiple dose study of 12 patients with mild to moderate benatic impairment add for eight days, $AUC_{0-\infty}$ and C_{max} values increased approximately 20 % compared to values in healthy age- and gender-matched

subjects. These increases were not statistically significant. No information exists on rabeprazole disposition in patients with severe hepatic impairment. Please refer to the **DOSAGE AND**

ADMINISTRATION (2.9) for information on dosage adjustment in patients with hepatic impairment Combined Administration with Antimicrobials Commined Administration with Antimicronials Sixteen healthy volunteers genotyped as extensive metabolizers with respect to CYP2C19 were given 20 mg rabeprazole sodium, 1000 mg amoxicillin, 500 mg clarithromycin, or all 3 drugs in a four-way crossover study. Each of the four regimens was administered twice daily for 6 days. The AUC and C_{\max} for clarithromycin and amoxicillin were not different following combined administration compared to values following single administration. However, the rabeprazole AUC and C_{\max}

increased by 11% and 34%, respectively, following combined administration. The AUC and C_{\max} for 14-hydroxyclarithromycin (active metabolite of clarithromycin) also increased by 42% and 46%, respectively. This increase in exposure to rabeprazole and 14-hydroxyclarithromycin is not expected to produce safety concerns. Concomitant Use with Clopidogrel
Clopidogrel is metabolized to its active metabolite in part by CYP2C19. A study of healthy subjects including CYP2C19

extensive and intermediate metabolizers receiving once daily administration of clopidogrel 75 mg concomitantly with placebo or with rabeprazole sodium 20 mg (n=36), for 7 days was conducted. The mean AUC of the active metabolite of clopidogrel was reduced by approximately 12% (mean AUC ratio was 88 %, with 90% CI of 81.7 to 95.5%) when rabeprazole sodium was tration of clopidogrel with placebo

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility
In a 88/104-week carcinogenicity study in CD-1 mice, rabeprazole at oral doses up to 100 mg/kg/day did not produce any increased tumor occurrence. The highest tested dose produced a systemic exposure to rabeprazole (AUC) of 1.40 mcg-hr/mL which is 1.6 times the human exposure (plasma AUC, = 0.88 mcg-hr/mL) at the recommended dose for GERD (20 mg/day). In a 28week carcinogenicity study in p53th transgenic mice, rabeprazole at oral doses of 20, 60, and 200 mg/kg/day did not cause an increase in the incidence rates of tumors but produced gastric mucosal hyperplasia at all doses. The systemi exposure to rabeprazole at 200 mg/kg/day is about 17 to 24 times the human exposure at the recommended dose for GERD exposure to rabeprazole at 200 mg/kg/day is about 17 to 24 times the human exposure at the recommended close for GEHD. In a 104-week carcinopenicity study in Sprague-Dawley rats, males were treated with oral doses of 5, 15, 30 and 60 mg/kg/day and females with 5, 15, 30, 60 and 120 mg/kg/day. Rabeprazole produced gastric enterochromaffin-like (ECL) cell hyperplasia in male and female rats and ECL cell carcinoid tumors in female rats at all doses including the lowest tested dose. The lowest dose (5 mg/kg/day) produced a systemic exposure to rabeprazole (AUC) of about 0.1 mg/hr/mL which is about 0.1 times the human exposure at the recommended dose for GERD. In male rats, no treatment related tumors were observed at doses up to 60 mg/kg/day producing a rabeprazole plasma exposure (AUC) of about 0.2 mcg•hr/mL (0.2 times the human exposure at the recommended dose for GERD)

Rabeprazole was positive in the Ames test, the Chinese hamster ovary cell (CHO/HGPRT) forward gene mutation test and the mouse lymphoma cell (L5178Y/Tk+/-) forward gene mutation test. Its demethylated-metabolite was also positive in the Ames test. Rabeprazole was negative in the *in vitro* Chinese hamster lung cell chromosome aberration test, the *in vivo* mouse micronucleus test, and the *in vivo* and *ex vivo* rat hepatocyte unscheduled DNA synthesis (UDS) tests.

Rabeprazole at intravenous doses up to 30 mg/kg/day (plasma AUC of 8.8 mcg+hr/mL. about 10 times the human exposure at the recommended dose for GERD) was found to have no effect on fertility and reproductive performance of male and

13.2 Animal Toxicology and/or Pharmacology

Studies in juvenile and young adult rats and dogs were performed. In juvenile animal studies rabeprazole sodium was administered orally to rats for up to 5 weeks and to dogs for up to 13 weeks, each commencing on Day 7 postpartum and followed by a 13-week recovery period. Rats were dosed at 5, 25 or 150 mg/kg/day and dogs were dosed at 3, 10 or 30 mg/kg/day. The data from these studies were comparable to those reported for young adult animals. Pharmacologically mediated changes, including increased serum gastrin levels and stomach changes, were observed all dose levels in both rats and dogs. These observations were reversible over the 13-week recovery periods. Although body weights and/or crown-rump lengths were minimally decreased during dosing, no effects on the development parameters were noted in either juvenile rats or dogs. rats or dogs.

14 CLINICAL STUDIES
14.1 Healing of Erosive or Ulcerative GERD in Adults

14.1 Healing of Erosive of Ulcerative GEHD in Adults
In a U.S., multicenter, randomized, double-blind, placebo-controlled study, 103 patients were treated for up to eight weeks with placebo, 10 mg, 20 mg or 40 mg rabeprazole sodium QD. For this and all studies of GERD healing, only patients with GERD symptoms and at least grade 2 esophagitis (modified Hetzel-Dent grading scale) were eligible for entry. Endoscopic healing was defined as grade 0 or 1. Each rabeprazole dose was significantly superior to placebo in producing endoscopic healing after four and eight weeks of treatment. The percentage of patients demonstrating endoscopic healing was as follows:

o (CEDD) Do

neaning of	g of Liusive of Orcefative dash desophagear Hemax Disease (aLHD) I elventage of I alterns Healeu			
Week	10 mg Rabeprazole Sodium QD N=27	20 mg Rabeprazole Sodium QD N=25	40 mg Rabeprazole Sodium QD N=26	Placebo N=25
4	63 %*	56 %*	54 %*	0 %
8	93 %*	84 %*	85 %*	12 %

*(p<0.001 versus placebo)

In addition, there was a statistically significant difference in favor of the rabeprazole sodium 10 mg, 20 mg, and 40 mg dose compared to placebo at Weeks 4 and 8 regarding complete resolution of GERD heartburn frequency (p<0.026). All rabeprazole sodium groups reported significantly greater rates of complete resolution of GERD daytime heartburn severity compared to placebo at Weeks 4 and 8 (p≤0.036). Mean reductions from baseline in daily antacid dose were statistically significant for all rabeprazole sodium groups when compared to placebo at both Weeks 4 and 8 (p<0.007).

In a North American multicenter, randomized, double-blind, active-controlled study of 336 patients, rabeprazole sodium was statistically superior to ranitidine with respect to the percentage of patients healed at endoscopy after four and eight weeks

Table 8

Healing of Erosi	Healing of Erosive or Ulcerative Gastroesophageal Reflux Disease (GERD) Percentage of Patients Healed				
Week	Rabeprazole Sodium 20 mg QD N=167	Ranitidine 150 mg QID N=169			
4	59 %*	36 %			
8	87 %*	66 %			
*(p<0.001 versus ranitid	ine)				

Rabeprazole sodium 20 mg once daily was significantly more effective than ranitidine 150 mg QID in the percentage of patients

with complete resolution of heartburn at Weeks 4 and 8 (p<0.001). Rabeprazole sodium 20 mg once daily was also more effective in complete resolution of daytime heartburn (p \leq 0.025), and nighttime heartburn (p \leq 0.012) at both Weeks 4 and 8, with significant differences by the end of the first week of the study.

14.2 Long-term Maintenance of Healing of Erosive or Ulcerative GERD in Adults The long-term maintenance of healing in patients with erosive or ulcerative GERD previously healed with gastric antisecretory therapy was assessed in two U.S., multicenter, randomized, double-blind, placebo-controlled studies of identical design of Energy was assessed in two U.S., multicenter, randomized, double-blind, placebo-controlled studies of identical design of 52 weeks duration. The two studies randomized 209 and 285 patients, respectively, to receive either 10 mg or 20 mg of rabeprazole sodium QD or placebo. As demonstrated in the tables below, rabeprazole sodium was significantly superior to placebo in both studies with respect to the maintenance of healing of GERD and the proportions of patients remaining free of heartburn symptoms at 52 weeks:

Table 9
Percent of Patients in Endoscopic Remission

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

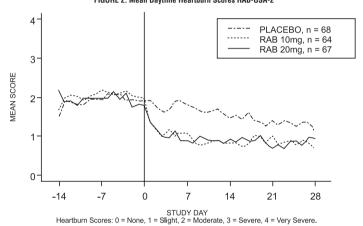
	Rabeprazole Sodium 10 mg	Rabeprazole Sodium 20 mg	Placebo
Heartburn Frequency			
Study 1	46/55	48/52	17/45
	(84 %)*	(92 %)*	(38 %)
Study 2	50/72	57/72	22/79
	(69 %)*	(79 %)*	(28 %)
Daytime Heartburn Severity			
Study 1	61/64	60/62	42/61
	(95 %)*	(97 %)*	(69 %)
Study 2	73/84	82/87	67/90
	(87 %)†	(94 %)*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

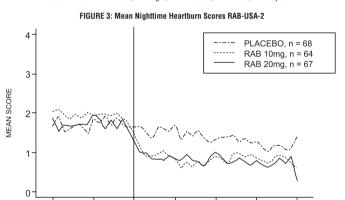
† 0.001<p<0.05 versus placebo

14.3 Treatment of Symptomatic GERD in Adults

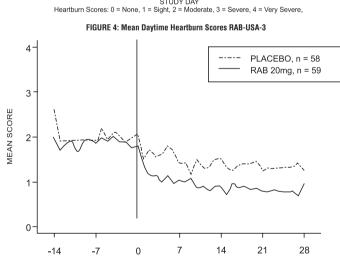
Two U.S., multicenter, double-blind, placebo controlled studies were conducted in 316 adult patients with daytime and nighttime heartburn. Patients reported 5 or more periods of moderate to very severe heartburn during the placebo treatment phase the week prior to randomization. Patients were confirmed by endoscopy to have no esophageal erosions. The percentage of heartburn free daytime and/or nighttime periods was greater with rabeprazole sodium 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 sodiun 20 mg as compared to placebo at week 4. Graphical displays depicting the daily mean daytime and nighttime scores are ided in Figures 2 to 5.

FIGURE 2: Mean Daytime Heartburn Scores RAB-USA-2

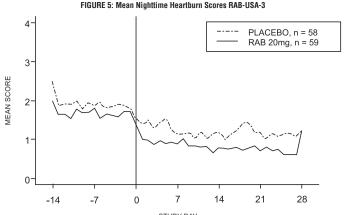




-7 0 21 STUDY DAY
Heartburn Scores: 0 = None, 1 = Sight, 2 = Moderate, 3 = Severe, 4 = Very Severe



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



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

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

Rabeprazole sodium 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 sodium QD versus placebo for healing endoscopically defined duodenal ulcers, 100 patients were treated for up to four weeks. Rabeprazole sodium was significantly superior to placebo in producing healing of duodenal ulcers. The percentages of patients with endoscopic healing are presented below:

Table 11 Healing of Duodenal Ulcers Percentage of Patients Healed

Week	Rabeprazole Sodium 20 mg QD N=34	Rabeprazole Sodium 40 mg QD N=33	Placebo N=33
2	44 %	42 %	21 %
4	79 %*	91 %*	39 %

* p≤0.001 versus placebo

inferior to the other regimens

At Weeks 2 and 4, significantly more patients in the rabeprazole sodium 20 and 40 mg groups reported complete resolution of ulcer pain frequency (p<0.018), daytime pain severity (p<0.023), and nighttime pain severity (p<0.035) compared with placebo patients. The only exception was the rabeprazole sodium 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 sodium 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 sodium 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 rabegrazole An international randomized, double-billing, active-controlled that was conducted in 205 patients comparing 20 mig rabelprazole sodium QD with 20 mg omeprazole QD. The study was designed to provide at least 80% power to exclude a difference of at least 10% between rabeprazole sodium 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 sodium 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

Table 12
Healing of Duodenal Ulcers Percentage of Patients Healed

nealing of Duouellal Olcels Felcentage of Fatients nealed					
Rabeprazole Sodium 20 mg QD N=102	Omeprazole 20 mg QD N=103	95% Confidence Interval for the Treatment Difference (Rabeprazole Sodium - Omeprazole)			
69 %	61 %	(-6%, 22%)			
98 %	93 %	(-3%, 15%)			
	Rabeprazole Sodium 20 mg QD N=102	Rabeprazole Sodium 20 mg			

Rabeprazole sodium 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
or 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 amount of 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 [NPUD], as determined by upper gastrointestinal endoscopy. The overall *H. pylori* eradication rates, defined as negative "Pc-UBT for *H. pylori*" > 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

> Table 13 Helicobacter Pylori Eradication at ≥ 6 Weeks after the End of Treatment

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

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. 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. 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

Patients were included in the analysis if they had H. pylori infection documented at baseline, defined as a positive 13C-UBT

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 sodium at doses from 20 to 120 mg for up to 12 months. Rabeprazole sodium produced satisfactory inhibition
of gastric acid secretion in all patients and complete resolution of signs and symptoms of acid-peptic disease where present.

Rabeprazole sodium also prevented recurrence of gastric hypersecretion and manifestations of acid-peptic disease in all patients. The high doses of rabeprazole sodium used to treat this small cohort of patients with gastric hypersecretion were

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 sodium 10 mg or rabeprazole sodium 20 mg once daily for up to 8 weeks for the evaluation of safety and efficacy. 15 REFERENCES ittee 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,

16 HOW SUPPLIED/STORAGE AND HANDLING
Rabeprazole sodium delayed-release tablets, 20 mg are supplied as yellow, round, biconvex, coated tablets, imprinted with "L020" (black ink) on one side.

Bottles of 30 (NDC# 68180-220-06) Bottles of 90 (NDC# 68180-220-09 Store at 25°C (77°F); excursions permitted to 15 to 30°C (59 to 86°F). [see USP Controlled Room Temperature]. Protect

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)]

Lupin Pharmaceuticals, Inc. Baltimore, Maryland 21202 United States Manufactured by Lupin Limited Goa 403722

Manufactured for:

September 2013

about your medical condition or treatment.

ID#: 222495

MEDICATION GUIDE Rabeprazole Sodium Delayed-Release Tablet

Rx Only Read the Medication Guide that comes with rabeprazole sodium delayed-release tablets before you start taking it 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

What is the most important information I should know about rabenrazole sodium delayed-release tablets?

What is the most important mornaturing mount know about rabepracties soluting the layer lease tablets. Rabepracole sodium delayed-release tablets may help your acid-related symptoms, but you could still have serious stomach problems. Talk with your doctor.
Rabepracole sodium delayed-release tablets can cause serious side effects, including:

Diarrhea. Rabeprazole sodium delayed-release tablet 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 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 tablet 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 tablet 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 tablet is a prescription medicine called a proton pump inhibitor (PPI). Rabeprazole sodium delayed-release tablet reduces 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 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 tablet is 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

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 stormach. 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 tablet is used in adolescents 12 years of age and older:

• for up to 8 weeks to treat daytime and nighttime heartburn and other symptoms that happen with Gastroesophageal Reflux

Disease (GERD). It is not known if rabeprazole sodium delayed-release tablets are safe and effective in children under the age of 12.

Who should not take rabeprazole sodium delayed-release tablets?

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

Indicate rateprazion sulfain derayeur-release labiles if you.

are allergic to rabeprazole or any of the other ingredients in rabeprazole sodium delayed-release tablet. See the end of this Medication Guide for a complete list of ingredients in rabeprazole sodium delayed-release tablet. 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

are pregnant or planning to become pregnant. It is not known if rabeprazole sodium delayed-release tablet can harm your inborn baby. are breastfeeding. It is not known if rabeprazole sodium passes into your breast milk. You and your doctor should decide if you will take rabeprazole sodium delayed-release tablet or breasfeed. You should not do both. Talk to your doctor about the best way to feed your baby if you take rabeprazole sodium delayed-release tablet.

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

atazanavir (Revataz) volosporine (Sandimmune Meoral

digoxin (Lanoxin) ketoconazole (Nizoral)

warfarin (Coumadin) theophylline (THEO-24 Thelair)

phenytoin (Dilantin) an antibiotic that contain a "water pill" (diuretic) ains amoxicillin or clarithromycir

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 rabenrazole 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

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 tablets whole with water. Do not chew, crush, or split rabeprazole sodium delayed-release tablets. Tell your doctor if you cannot swallow tablets whole. You may need a different medicine. 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 much rabeprazole sodium delayed-release tablets, call your doctor or Poison Control Center right away, Your hear dose, shall be intered dose and go dark to your hornest schedule. Do not take 2 doses at the same time. If you take too much 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?

aberprazole 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 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:

abnormal or fast heart beat

ierking 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 rabe prazole 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 have any of the following symptoms with rabeprazole sodium delayed-release tablets.

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 25° C (77° F); excursions permitted to 15 to 30°C (59 to 86°F) [see USP Controlled Room Temperature.] Protect from moisture.

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 it was not prescribed. Do not give rabeprazole sodium delayedrelease tablets to other people, even if they have the same symptoms that you have. It 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, go to http://www.lupinpharmaceuticals.com/ or call the toll free number 1-800-399-2561.

What are the ingredients in rabeprazole sodium delayed-release tablets? Active Ingredient: rabeprazole sodium Inactive ingredients of the 20 mg tablet are black iron oxide, carnauba wax, crospovidone, diacetylated monoglycerides, ethyl

cellulose, hydroxypropyl cellulose, hypromellose phthalate, lecithin, light magnesium oxide, magnesium stearate, mannitol, polyethylene glycol, polyvinyl alcohol, shellac, sodium stearyl fumarate, talc, titanium dioxide and yellow iron oxide. This Medication Guide has been approved by the U.S. Food and Drug Administration

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