
HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use RIVASTIGMINE TARTRATE CAPSULES safely and effectively. See full prescribing information for RIVASTIGMINE TARTRATE CAPSULES.

RIVASTIGMINE TARTRATE capsules, for oral use Initial U.S. Approval: 2000

------ INDICATIONS AND USAGE

Rivastigmine tartrate capsules are an acetylcholinesterase inhibitor indicated for treatment of:

• Mild-to-moderate dementia of the Alzheimer's type (AD) (1.1)

• Mild-to-moderate dementia associated with Parkinson's disease (PD) (1.2)

	DOSAGE AND ADMIN	ISTRATION
Alzheimer's Disease (2.1):	:	

- <u>Initial Dose</u>: Initiate treatment with 1.5 mg twice a day.
- <u>Dose Titration</u>: After a minimum of 2 weeks, if tolerated, increase dose to 3 mg twice a day and further to 4.5 mg twice a day and 6 mg twice a day if tolerated with a minimum of 2 weeks at each dose

Parkinson's Disease Dementia (PDD) (2.2):

- <u>Initial Dose</u>: Initiate treatment with 1.5 mg twice a day.
- <u>Dose Titration</u>: After a minimum of 4 weeks, if tolerated, increase dose to 3 mg twice a day and further to 4.5 mg twice a day and 6 mg twice a day if tolerated with a minimum of 4 weeks at each dose.

Rivastigmine tartrate capsules should be taken with meals in divided doses in the morning and evening (2.1, 2.2). Rivastigmine tartrate oral solution and rivastigmine tartrate capsules may be interchanged at equal doses (2.4).

	DOSAGE FORMS AND STRENGTHS
•	Capsules: 1.5 mg, 3 mg, 4.5 mg, or 6 mg (3.1)

Known hypersensitivity to rivastigmine, other carbamate derivatives or other components of the formulation. (4)

- History of application site reaction with rivastigmine transdermal patch suggestive of allergic contact dermatitis, in the absence of negative allergy testing. (4, 5.2)
- ------ WARNINGS AND PRECAUTIONS ------
- Gastrointestinal adverse reactions may include significant nausea, vomiting, diarrhea, anorexia/decreased appetite, and weight loss, and may necessitate treatment interruption. Dehydration may result from prolonged vomiting or diarrhea and can be associated with serious outcomes. (5.1)
- Discontinue rivastigmine in case of disseminated allergic dermatitis, which may occur after oral or transdermal administration (4, 5.2). In patients with suspected allergic contact dermatitis after transdermal rivastigmine use, switch to oral rivastigmine only after negative allergy testing.

Most common adverse reactions (greater than 5% and 2 times greater than placebo): nausea, vomiting, anorexia, dyspepsia, and asthenia (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Aurobindo Pharma USA, Inc. at 1-866-850-2876 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

Concomitant use with metoclopramide, beta-blockers, or cholinomimetic and anticholinergic drugs is not recommended (7.1, 7.2, 7.3)

See 17 for PATIENT COUNSELING INFORMATION.

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FULL PRESCRIBING INFORMATION: CONTENTS* 1 INDICATIONS AND USAGE

1.1 Alzheimer's Disease

1.2 Parkinson's Disease Dementia

2 DOSAGE AND ADMINISTRATION

- 2.1 Dosing in Alzheimer's Disease
- 2.2 Dosing in Parkinson's Disease Dementia
- 2.3 Interruption of Treatment
- 2.4 Dosing in Specific Populations
- 2.5 Important Administration Instructions

3 DOSAGE FORMS AND STRENGTHS

3.1 Rivastigmine Tartrate Capsules USP

4 CONTRAINDICATIONS

5 WARNINGS AND PRECAUTIONS

- 5.1 Gastrointestinal Adverse Reactions
- 5.2 Allergic Dermatitis
- 5.3 Other Adverse Reactions from Increased Cholinergic Activity
- 5.4 Impairment in Driving or Use of Machinery

6 ADVERSE REACTIONS

- 6.1 Clinical Trials Experience
- 6.2 Postmarketing Experience

7 DRUG INTERACTIONS

- 7.1 Metoclopramide
- 7.2 Cholinomimetic and Anticholinergic Medications
- 7.3 Beta-blockers

8 USE IN SPECIFIC POPULATIONS

- 8.1 Pregnancy
- 8.2 Lactation
- 8.4 Pediatric Use
- 8.5 Geriatric Use
- 8.6 Renal Impairment
- 8.7 Hepatic Impairment
- 8.8 Low or High Body Weight

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

14 CLINICAL STUDIES 16 HOW SUPPLIED/STORAGE AND HANDLING 17 PATIENT COUNSELING INFORMATION

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

FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

1.1 Alzheimer's Disease

Rivastigmine tartrate capsules are indicated for the treatment of mild-to-moderate dementia of the Alzheimer's type (AD).

1.2 Parkinson's Disease Dementia

Rivastigmine tartrate capsules are indicated for the treatment of mild-to-moderate dementia associated with Parkinson's disease (PD).

2 DOSAGE AND ADMINISTRATION

2.1 Dosing in Alzheimer's Disease

Rivastigmine tartrate capsules should be taken with meals in divided doses in the morning and evening.

The recommended dosage of rivastigmine tartrate capsules in Alzheimer's disease (AD) is 6 mg to 12 mg per day, administered twice a day (daily doses of 3 mg to 6 mg twice a day). There is evidence from the clinical trials that doses at the higher end of this range may be more beneficial.

Initial Dose

Initiate treatment with the 1.5 mg twice a day with rivastigmine tartrate capsules.

Dose Titration

After a minimum of 2 weeks and if well tolerated, increase the dose to 3 mg twice a day. Subsequent increases to 4.5 mg twice a day and 6 mg twice a day should be attempted after a minimum of 2 weeks at the previous dose and if well tolerated. The maximum dose is 6 mg twice a day (12 mg per day).

2.2 Dosing in Parkinson's Disease Dementia

Rivastigmine tartrate capsules should be taken with meals in divided doses in the morning and evening.

The dosage of rivastigmine tartrate capsules shown to be effective in the single controlled clinical trial conducted in dementia associated with Parkinson's disease is 3 mg to 12 mg per day, administered twice a day (daily doses of 1.5 mg to 6 mg twice a day).

Initial Dose

Initiate treatment with the 1.5 mg twice a day with rivastigmine tartrate capsules.

Dose Titration

After a minimum of 4 weeks and if well tolerated, increase the dose to 3 mg twice a day. Subsequent increases to 4.5 mg twice a day and 6 mg twice a day should be attempted after a minimum of 4 weeks at the previous dose and if well tolerated. The maximum dose is 6 mg twice a day (12 mg per day).

2.3 Interruption of Treatment

If adverse effects (e.g., nausea, vomiting, abdominal pain, loss of appetite) cause intolerance during treatment, the patient should be instructed to discontinue treatment for several doses and then restart at the same or next lower dose level.

If dosing is interrupted for 3 days or fewer, restart treatment with the same or lower dose of rivastigmine tartrate capsules. If dosing is interrupted for more than 3 days, treatment should be restarted with 1.5 mg twice a day and titrated as described above *[see Warnings and Precautions (5.1)]*.

2.4 Dosing in Specific Populations

Dosing Modifications in Patients with Renal Impairment

Patients with moderate and severe renal impairment may be able to only tolerate lower doses.

Dosing Modifications in Patients with Hepatic Impairment

Patients with mild (Child-Pugh score 5 to 6) and moderate (Child-Pugh score 7 to 9) hepatic impairment may be able to only tolerate lower doses. No data are available on the use of rivastigmine in patients with severe hepatic impairment._

Dosing Modifications in Patients with Low Body Weight

Carefully titrate and monitor patients with low body weight (less than 50 kg) for toxicities (e.g., excessive nausea, vomiting), and consider reducing the dose if such toxicities develop.

2.5 Important Administration Instructions

Rivastigmine tartrate oral solution and rivastigmine tartrate capsules may be interchanged at equal doses.

3 DOSAGE FORMS AND STRENGTHS

3.1 Rivastigmine Tartrate Capsules USP

Capsules, containing rivastigmine tartrate USP equivalent to 1.5 mg, 3 mg, 4.5 mg, or 6 mg of rivastigmine base, are available as follows:

- 1.5 mg capsule yellow cap and yellow body colored size '2' capsules imprinted in black ink with 'H' on cap and '67' on body, containing white to off-white granular powder.
- 3 mg capsule orange cap and orange body colored size '2' capsules imprinted in black ink with 'H' on cap and '68' on body, containing white to off-white granular powder.
- 4.5 mg capsule red cap and red body colored size '2' capsules imprinted in black ink with 'H' on cap and '69' on body, containing white to off-white granular powder.
- 6 mg capsule red cap and orange body colored size '2' capsules imprinted in black ink with 'H' on

cap and '70' on body, containing white to off-white granular powder.

4 CONTRAINDICATIONS

Rivastigmine tartrate capsules are contraindicated in patients with:

- known hypersensitivity to rivastigmine, other carbamate derivatives or other components of the formulation [*see Description* (11)]
- a previous history of application site reaction with rivastigmine transdermal patch suggestive of allergic contact dermatitis, in the absence of negative allergy testing *[see Warnings and Precautions (5.2)]*

Isolated cases of generalized skin reactions have been described in postmarketing experience [see Adverse Reactions (6.2)].

5 WARNINGS AND PRECAUTIONS

5.1 Gastrointestinal Adverse Reactions

Rivastigmine tartrate can cause gastrointestinal adverse reactions, including significant nausea, vomiting, diarrhea, anorexia/decreased appetite, and weight loss. Dehydration may result from prolonged vomiting or diarrhea and can be associated with serious outcomes. The incidence and severity of these reactions are dose-related [see Adverse Reactions (6.1)]. For this reason, patients should always be started at a dose of 1.5 mg twice a day and titrated to their maintenance dose.

If treatment is interrupted for longer than 3 days, treatment should be reinitiated with the lowest daily dose *[see Dosage and Administration (2.3)]* to reduce the possibility of severe vomiting and its potentially serious sequelae (e.g., there has been one postmarketing report of severe vomiting with esophageal rupture following inappropriate reinitiation of treatment with a 4.5 mg dose after 8 weeks of treatment interruption).

Inform caregivers to monitor for gastrointestinal adverse reactions and to inform the physician if they occur. It is critical to inform caregivers that if therapy has been interrupted for more than 3 days because of intolerance, the next dose should not be administered without contacting the physician regarding proper retitration.

5.2 Allergic Dermatitis

There have been isolated postmarketing reports of patients experiencing disseminated allergic dermatitis when administered rivastigmine irrespective of the route of administration (oral or transdermal). Treatment should be discontinued if disseminated allergic dermatitis occurs [see *Contraindications (4)*]. Patients and caregivers should be instructed accordingly [see Patient Counseling Information (17)].

In patients who develop application site reactions, suggestive of allergic contact dermatitis to rivastigmine tartrate patch and who still require rivastigmine, treatment should be switched to oral rivastigmine only after negative allergy testing and under close medical supervision. It is possible that some patients sensitized to rivastigmine by exposure to rivastigmine patch may not be able to take rivastigmine in any form.

5.3 Other Adverse Reactions from Increased Cholinergic Activity

Neurologic Effects

Extrapyramidal Symptoms: Cholinomimetics, including rivastigmine may exacerbate or induce extrapyramidal symptoms. Worsening of parkinsonian symptoms, particularly tremor has been observed in patients with dementia associated with Parkinson's disease who were treated with rivastigmine tartrate capsules.

Seizures: Drugs that increase cholinergic activity are believed to have some potential for causing seizures. However, seizure activity also may be a manifestation of Alzheimer's disease.

Peptic Ulcers/Gastrointestinal Bleeding

Cholinesterase inhibitors, including rivastigmine, may be expected to increase gastric acid secretion due to increased cholinergic activity. Monitor patients using rivastigmine tartrate for symptoms of active or occult gastrointestinal bleeding, especially those at increased risk for developing ulcers, e.g., those with a history of ulcer disease or those receiving concurrent nonsteroidal anti-inflammatory drugs (NSAIDs). Clinical studies of rivastigmine have shown no significant increase, relative to placebo, in the incidence of either peptic ulcer disease or gastrointestinal bleeding.

Use with Anesthesia

Rivastigmine, as a cholinesterase inhibitor, is likely to exaggerate succinylcholine-type muscle relaxation during anesthesia.

Cardiac Conduction Effects

Because rivastigmine increases cholinergic activity, use of rivastigmine may have vagotonic effects on heart rate (e.g., bradycardia). The potential for this action may be particularly important in patients with sick sinus syndrome or other supraventricular cardiac conduction conditions. In clinical trials, rivastigmine was not associated with any increased incidence of cardiovascular adverse events, heart rate or blood pressure changes, or electrocardiogram (ECG) abnormalities. Syncopal episodes have been reported in 3% of patients receiving 6 mg to 12 mg per day of rivastigmine tartrate, compared to 2% of placebo patients.

Genitourinary Effects

Although not observed in clinical trials of rivastigmine, drugs that increase cholinergic activity may cause urinary obstruction.

Pulmonary Effects

Drugs that increase cholinergic activity, including rivastigmine, should be used with care in patients with a history of asthma or obstructive pulmonary disease.

5.4 Impairment in Driving or Use of Machinery

Dementia may cause gradual impairment of driving performance or compromise the ability to use machinery. The administration of rivastigmine may also result in adverse reactions that are detrimental to these functions. During treatment with the rivastigmine tartrate, routinely evaluate the patient's ability to continue driving or operating machinery.

6 ADVERSE REACTIONS

The following adverse reactions are described below and elsewhere in the labeling:

- Gastrointestinal Adverse Reactions [see Warnings and Precautions (5.1)]
- Allergic Dermatitis [see Warnings and Precautions (5.2)]
- Other Adverse Reactions from Increased Cholinergic Activity [see Warnings and Precautions (5.3)]

6.1 Clinical Trials Experience

Because clinical trials are conducted under widely 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.

Rivastigmine tartrate has been administered to over 5,297 individuals during clinical trials worldwide. Of these, 4,326 patients have been treated for at least 3 months, 3,407 patients have been treated for at least 6 months, 2,150 patients have been treated for 1 year, 1,250 patients have been treated for 2 years, and 168 patients have been treated for over 3 years. With regard to exposure to the highest dose, 2,809 patients were exposed to doses of 10 mg to 12 mg, 2,615 patients treated for 3 months, 2,328 patients treated for 6 months, 1,378 patients treated for 1 year, 917 patients treated for 2 years, and 129 patients treated for over 3 years.

Mild-to-Moderate Alzheimer's Disease

Most Common Adverse Reactions

The most common adverse reactions, defined as those occurring at a frequency of at least 5% and twice the placebo rate, are largely predicted by rivastigmine tartrate's cholinergic effects. These include nausea, vomiting, anorexia, dyspepsia, and asthenia.

Gastrointestinal Adverse Reactions

Rivastigmine tartrate use is associated with significant nausea, vomiting, and weight loss [see Warnings and Precautions (5.1)].

Discontinuation Rates

The rate of discontinuation due to adverse events in controlled clinical trials of rivastigmine tartrate was 15% for patients receiving 6 mg to 12 mg per day compared to 5% for patients on placebo during forced weekly dose titration. While on a maintenance dose, the rates were 6% for patients on rivastigmine tartrate compared to 4% for those on placebo.

The most common adverse reactions leading to discontinuation, defined as those occurring in at least 2% of patients and at twice the incidence seen in placebo patients, are shown in Table 1.

Table 1: Most Frequent Adverse Reactions Leading to Withdrawal from Clinical Trials During Titration and Maintenance in Patients Receiving 6 mg to 12 mg per day Rivas tigmine Tartrate Using a Forced-Dose Titration

	Rivas tigmine Tartrate ≥ 6 to 12 mg/day (n = 1,189)	Placebo (n = 868)	Rivas tigmine Tartrate ≥ 6 to 12 mg/day (n = 987)	Placebo (n = 788)	Rivas tigmine Tartrate ≥ 6 to 12 mg/day (n = 1,189)	Placebo (n = 868)
Event/%	·					
Discontinuing						
Nausea	8	< 1	1	< 1	8	1
Vomiting	4	< 1	1	< 1	5	< 1
Anorexia	2	0	1	< 1	3	< 1
Dizziness	2	< 1	1	< 1	2	< 1

Adverse Reactions Observed at an Incidence of at Least 2%

Table 2 lists adverse reactions that occurred in at least 2% of patients in placebo-controlled trials, and for which the rate of occurrence was greater for patients treated with rivastigmine tartrate doses of 6 mg to 12 mg per day than for those treated with placebo.

In general, adverse reactions were less frequent later in the course of treatment.

No systematic effect of race or age could be determined from the incidence of adverse reactions in the controlled studies. Nausea, vomiting and weight loss were more frequent in women than men.

Table 2: Proportion of Adverse Reactions Observed with a Frequency of Greater Than or Equalto 2% and at a Rate Greater than Placebo in Clinical Trials

Body System/Adverse Reaction	Rivas tigmine Tartrate (6 to 12 mg/day) (n = 1,189)	Placebo (n = 868)
Percent of Patients with any Adverse Event	92	79
Autonomic Nervous System		
Increased Sweating	4	1
Syncope	3	2
Body as a Whole		
Fatigue	9	5
Asthenia	6	2
Malaise	5	2
Decreased Weight**	3	< 1
Cardiovas cular Disorders, General		
Hypertension	3	2
Central and Peripheral Nervous System		
Dizziness	21	11
Headache	17	12
Somnolence	5	3
Tremor	4	1
Gas trointes tinal Sys tem		
Nausea*	47	12
Vomiting*	31	6
Diarrhea	19	11

Anorexia***	17	3
Abdominal Pain	13	6
Dyspepsia	9	4
Psychiatric Disorders		
Insomnia	9	7
Confusion	8	7
Depression	6	4
Anxiety	5	3
Hallucination	4	3
Aggressive Reaction	3	2
Resistance Mechanism Disorders		
Urinary Tract Infection	7	6

*Nausea and Vomiting: In the controlled clinical trials, 47% of the patients treated with a rivastigmine tartrate dose in the therapeutic range of 6 mg to 12 mg per day (n = 1189) developed nausea (compared with 12% in placebo). A total of 31% of rivastigmine tartrate-treated patients developed at least 1 episode of vomiting (compared with 6% for placebo). The rate of vomiting was higher during the titration phase (24% versus 3% for placebo) than in the maintenance phase (14% versus 3% for placebo). The rates were higher in women than men. Five percent of patients discontinued for vomiting, compared to less than 1% for patients on placebo. Vomiting was severe in 2% of rivastigmine tartrate-treated patients and was rated as mild or moderate each in 14% of patients. The rate of nausea was higher during the titration phase (43% versus 9% for placebo) than in the maintenance phase (17% versus 4% for placebo).

<u>**Weight Decreased:</u> In the controlled trials, approximately 26% of women on high doses of rivastigmine tartrate (greater than 9 mg per day) had weight loss equal to or greater than 7% of their baseline weight compared to 6% in the placebo-treated patients. About 18% of the males in the high-dose group experienced a similar degree of weight loss compared to 4% in placebo-treated patients. It is not clear how much of the weight loss was associated with anorexia, nausea, vomiting, and the diarrhea associated with the drug.

<u>***Anorexia</u>: In the controlled clinical trials, of the patients treated with a rivastigmine tartrate dose of 6 mg to 12 mg per day, 17% developed anorexia compared to 3% of the placebo patients. Neither the time course nor the severity of the anorexia is known.

Mild-to-Moderate Parkinson's Disease Dementia

Rivastigmine tartrate has been administered to 779 individuals during clinical trials worldwide. Of these, 663 patients have been treated for at least 3 months, 476 patients have been treated for at least 6 months, and 313 patients have been treated for 1 year.

Most Common Adverse Reactions

The most common adverse reactions, defined as those occurring at a frequency of at least 5% and twice the placebo rate, are largely predicted by rivastigmine tartrate's cholinergic effects. These include nausea, vomiting, tremor, anorexia, and dizziness.

Discontinuation Rates

The rate of discontinuation due to adverse events in the single placebo-controlled trial of rivastigmine tartrate was 18% for patients receiving 3 mg to 12 mg per day compared to 11% for patients on placebo

during the 24-week study.

The most frequent adverse reactions that led to discontinuation from this study, defined as those occurring in at least 1% of patients receiving rivastigmine tartrate and more frequent than those receiving placebo, were nausea (3.6% rivastigmine tartrate versus 0.6% placebo), vomiting (1.9% rivastigmine tartrate versus 0.6% placebo), and tremor (1.7% rivastigmine tartrate versus 0% placebo).

Adverse Reactions Observed at an Incidence of at Least 2%

Table 3 lists adverse reactions that occurred in at least 2% of patients in a single placebo-controlled trial and during the first 24 weeks of a 76-week open-label active-controlled trial for which the rate of occurrence was greater for patients treated with rivastigmine tartrate doses of 3 mg to 12 mg per day than for those treated with placebo in the placebo-controlled trial.

In general, adverse reactions were less frequent later in the course of treatment.

Table 3: Proportion of Adverse Reactions Observed at a Frequency Greater Than or Equal to2% and Occurring at Rate Greater than Placebo in Clinical Trials

	Active-Controlled Study	Placebo-Controlled Study	
Body System/Adverse Reaction	Rivas tigmine Tartrate (3 to 12 mg/day) (n = 294)	Rivas tigmine Tartrate (3 to 12 mg/day) (n = 362)	Placebo (n = 179)
Percent of Patients with any Adverse Event	88	84	71
Gas trointes tinal Disorders			
Nausea	38	29	11
Vomiting	13	17	2
Diarrhea	8	7	4
Upper Abdominal Pain	4	4	1
Salivary hypersecretion	2	1	0
General Disorders and Administrative Site			
Conditions			
Fall	10	6	6
Fatigue	5	4	3
Asthenia	4	2	1
Metabolism and Nutritional Disorders			
Anorexia	-	6	3
Decreased Appetite	5	8	5
Dehydration	1	2	1
Nervous System Disorders			
Tremor	23	10	4
Dizziness	8	6	1
Headache	4	4	3
Somnolence	6	4	3
Parkinson's Disease (worsening)	_*	3	1
Bradykinesia	3	3	2
Dyskinesia	3	1	1
Cogwheel rigidity	3	1	0

Hypokinesia	2	1	0
Parkinsonism	-	2	1
Psychiatric Disorders			
Anxiety	4	4	1
Insomnia	2	3	2
Restlessness	1	3	2
Skin and Subcutaneous Tissue Disorders			
Increased Sweating	2	2	1

*Parkinson's disease (worsening) in the active-controlled study was assessed by reported pre-identified adverse events (tremor, cogwheel rigidity, fall), each of them listed with corresponding frequencies.

6.2 Postmarketing Experience

The following adverse reactions have been identified during post approval use of rivastigmine tartrate capsules. 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.

Cardiac Disorders: Tachycardia

Hepatobiliary Disorders: Abnormal liver function tests, hepatitis

Nervous System Disorders: seizure

Psychiatric Disorders: Aggression, nightmares

Skin and Subcutaneous Tissue Disorders: Allergic dermatitis, application site hypersensitivity (patch), blister, disseminated allergic dermatitis, Stevens-Johnson syndrome, urticaria

7 DRUG INTERACTIONS

7.1 Metoclopramide

Due to the risk of additive extrapyramidal adverse reactions, the concomitant use of metoclopramide and rivastigmine tartrate is not recommended.

7.2 Cholinomimetic and Anticholinergic Medications

Rivastigmine tartrate may increase the cholinergic effects of other cholinomimetic medications and may also interfere with the activity of anticholinergic medications (e.g., oxybutynin, tolterodine). Concomitant use of rivastigmine tartrate with medications having these pharmacologic effects is not recommended unless deemed clinically necessary [see Warnings and Precautions (5.3)].

7.3 Beta-blockers

Additive bradycardic effects resulting in syncope may occur when rivastigmine tartrate is used concomitantly with beta-blockers, especially cardioselective beta-blockers (including atenolol). Concomitant use of rivastigmine tartrate with beta-blockers is not recommended.

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

<u>Risk Summary</u>

There are no adequate data on the developmental risks associated with the use of rivastigmine tartrate in pregnant women. In animals, no adverse effects on embryo-fetal development were observed at oral doses 2 to 4 times the maximum recommended human dose (MRHD) (*see Data*).

The background risk of major birth defects and miscarriage for the indicated population is unknown. In the U.S. general population, the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2% to 4% and 15% to 20%, respectively.

<u>Data</u>

Animal Data

Oral administration of rivastigmine to pregnant rats and rabbits throughout organogenesis produced no adverse effects on embryo-fetal development up to the highest dose tested (2.3 mg/kg/day), which is 2 and 4 times, respectively, the MRHD of 12 mg per day on a body surface area (mg/m²) basis.

8.2 Lactation

Risk Summary

There are no data on the presence of rivastigmine in human milk, the effects on the breastfed infant, or the effects of rivastigmine on milk production. Rivastigmine and its metabolites are excreted in rat milk following oral administration of rivastigmine; levels of rivastigmine plus metabolites in rat milk are approximately 2 times that in maternal plasma.

The developmental and health benefits of breastfeeding should be considered along with the mother's clinical need for rivastigmine tartrate and any potential adverse effects on the breastfed infant from rivastigmine tartrate or from the underlying maternal condition.

8.4 Pediatric Use

Safety and effectiveness in pediatric patients have not been established. The use of rivastigmine tartrate in pediatric patients (below 18 years of age) is not recommended.

8.5 Geriatric Use

Of the total number of patients in clinical studies of rivastigmine tartrate, 86% were 65 years and older while 46% were 75 years and older. No overall differences in safety or effectiveness were observed between these patients and younger patients, 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.

8.6 Renal Impairment

Patients with moderate to severe renal impairment may be able to only tolerate lower doses [see Dosage and Administration (2.4), Clinical Pharmacology (12.3)].

8.7 Hepatic Impairment

Patients with mild or moderate hepatic impairment may be able to only tolerate lower doses [see Dosage and Administration (2.4), Clinical Pharmacology (12.3)]. No data are available on the use of rivastigmine tartrate in patients with severe hepatic impairment.

8.8 Low or High Body Weight

Because rivastigmine blood levels vary with weight, careful titration and monitoring should be performed in patients with low or high body weights [see Dosage and Administration (2.4), Clinical Pharmacology (12.3)].

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.

As rivastigmine has a short plasma half-life of about 1 hour and a moderate duration of acetylcholinesterase inhibition of 8 to 10 hours, it is recommended that in cases of asymptomatic overdoses, no further dose of rivastigmine tartrate should be administered for the next 24 hours.

As in any case of overdose, general supportive measures should be utilized.

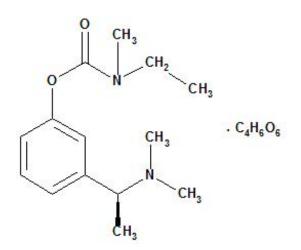
Overdosage with cholinesterase inhibitors can result in cholinergic crisis characterized by severe nausea, vomiting, salivation, sweating, bradycardia, hypotension, respiratory depression, collapse and convulsions. Increasing muscle weakness is a possibility and may result in death if respiratory muscles are involved. Atypical responses in blood pressure and heart rate have been reported with other drugs that increase cholinergic activity when coadministered with quaternary anticholinergics such as glycopyrrolate. Additional symptoms associated with rivastigmine overdose are diarrhea, abdominal pain, dizziness, tremor, headache, somnolence, confusional state, hyperhidrosis, hypertension, hallucinations and malaise. Due to the short half-life of rivastigmine, dialysis (hemodialysis, peritoneal dialysis, or hemofiltration) would not be clinically indicated in the event of an overdose.

In overdoses accompanied by severe nausea and vomiting, the use of antiemetics should be considered. A fatal outcome has been rarely reported with rivastigmine.

11 DESCRIPTION

Rivastigmine tartrate is a reversible cholinesterase inhibitor and is known chemically as (S)-N-Ethyl-N-methyl-3-[1-(dimethylamino)ethyl]-phenyl carbamate hydrogen-(2R,3R)-tartrate. Rivastigmine tartrate is commonly referred to in the pharmacological literature as SDZ ENA 713 or ENA 713. It has a molecular formula of $C_{14}H_{22}N_2O_2 \cdot C_4H_6O_6$ (hydrogen tartrate salt–hta salt) and a molecular weight of 400.43 g/mol (hta salt). Rivastigmine tartrate USP is a white to off-white powder that is very soluble in water, soluble in ethanol and acetonitrile, slightly soluble in n-octanol and very slightly soluble in ethyl acetate.

The distribution coefficient at 37°C in n-octanol/phosphate buffer solution pH 7 is 3.0.



Rivastigmine tartrate capsules, USP contain rivastigmine tartrate USP, equivalent to 1.5 mg, 3 mg, 4.5 mg, and 6 mg of rivastigmine base for oral administration. Inactive ingredients are colloidal silicon dioxide, hypromellose, magnesium stearate, and microcrystalline cellulose. Each hard-gelatin capsule contains gelatin, iron oxide red, iron oxide yellow, sodium lauryl sulfate, and titanium dioxide. The capsules are printed with edible ink containing black iron oxide, potassium hydroxide, propylene glycol, shellac and strong ammonia solution.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

Although the precise mechanism of action of rivastigmine is unknown, it is thought to exert its therapeutic effect by enhancing cholinergic function. This is accomplished by increasing the concentration of acetylcholine through reversible inhibition of its hydrolysis by cholinesterase. Therefore, the effect of rivastigmine may lessen as the disease process advances and fewer cholinergic neurons remain functionally intact. There is no evidence that rivastigmine alters the course of the underlying dementing process.

12.2 Pharmacodynamics

After a 6 mg dose of rivastigmine, anticholinesterase activity is present in cerebrospinal fluid (CSF) for about 10 hours, with a maximum inhibition of about 60% 5 hours after dosing.

In vitro and *in vivo* studies demonstrate that the inhibition of cholinesterase by rivastigmine is not affected by the concomitant administration of memantine, an N-methyl-D-aspartate receptor antagonist.

12.3 Pharmacokinetics

Rivastigmine shows linear pharmacokinetics up to 3 mg twice a day but is nonlinear at higher doses. Doubling the dose from 3 mg to 6 mg twice a day results in a 3-fold increase in area under the curve (AUC). The elimination half-life is about 1.5 hours, with most elimination as metabolites via the urine.

Absorption

Rivastigmine is rapidly and completely absorbed. Peak plasma concentrations are reached in

approximately 1 hour. Absolute bioavailability after a 3 mg dose is about 36%. Administration of rivastigmine tartrate with food delays absorption (T_{max}) by 90 minutes lowers C_{max} by approximately 30% and increases AUC by approximately 30%.

Distribution

Rivastigmine is weakly bound to plasma proteins (approximately 40%) over the therapeutic range. It readily crosses the blood-brain barrier, reaching CSF peak concentrations in 1.4 to 2.6 hours. It has an apparent volume of distribution (V_D) in the range of 1.8 to 2.7 L/kg.

<u>Metabolism</u>

Rivastigmine is rapidly and extensively metabolized, primarily via cholinesterase-mediated hydrolysis to the decarbamylated metabolite. Based on evidence from *in vitro* and animal studies, the major cytochrome P450 isozymes are minimally involved in rivastigmine metabolism. Consistent with these observations is the finding that no drug interactions related to cytochrome P450 have been observed in humans.

<u>Elimination</u>

The major pathway of elimination is via the kidneys. Following administration of ¹⁴C-rivastigmine to 6 healthy volunteers, total recovery of radioactivity over 120 hours was 97% in urine and 0.4% in feces. No parent drug was detected in urine. The sulfate conjugate of the decarbamylated metabolite is the major component excreted in urine and represents 40% of the dose. Mean oral clearance of rivastigmine is 1.8 ± 0.6 L/min after 6 mg twice a day.

<u>Age</u>

Following a single 2.5 mg oral dose to elderly volunteers (60 years and older, n = 24) and younger volunteers (n = 24), mean oral clearance of rivastigmine was 30% lower in elderly (7 L/min) than in younger subjects (10 L/min).

Gender and Race

Population pharmacokinetic analysis of oral rivastigmine indicated that neither gender (n = 277 males and 348 females) nor race (n = 575 Caucasian, 34 Black, 4 Asian, and 12 Other) affected clearance of the drug.

Body Weight

A relationship between drug exposure at steady-state (rivastigmine and metabolite NAP226-90) and body weight was observed in Alzheimer's dementia patients. Rivastigmine exposure is higher in subjects with low body weight. Compared to a patient with a body weight of 65 kg, the rivastigmine steady-state concentrations in a patient with a body weight of 35 kg would be approximately doubled, while for a patient with a body weight of 100 kg the concentrations would be approximately halved.

<u>Renal Impairment</u>

Following a single 3 mg dose, mean oral clearance of rivastigmine is 64% lower in moderately impaired renal patients (n = 8, GFR = 10 to 50 mL/min) than in healthy subjects (n = 10, GFR greater than or equal to 60 mL/min); CL/F=1.7 L/min and 4.8 L/min, respectively. In patients with severe renal impairment (n = 8, GFR less than 10 mL/min), mean oral clearance of rivastigmine is 43% higher than in healthy subjects (n = 10, GFR greater than or equal to 60 mL/min); CL/F = 6.9 L/min and 4.8 L/min,

respectively. For unexplained reasons, the severely impaired renal patients had a higher clearance of rivastigmine than moderately impaired patients.

Hepatic Impairment

Following a single 3 mg dose, mean oral clearance of rivastigmine was 60% lower in hepatically impaired patients (n = 10, biopsy proven) than in healthy subjects (n = 10). After multiple 6 mg twice a day oral dosing, the mean clearance of rivastigmine was 65% lower in mild (n = 7, Child-Pugh score 5 to 6), and moderate (n = 3, Child-Pugh score 7 to 9) hepatically impaired patients (biopsy proven, liver cirrhosis) than in healthy subjects (n = 10).

<u>Smoking</u>

Following oral rivastigmine administration (up to 12 mg per day) with nicotine use, population pharmacokinetic analysis showed increased oral clearance of rivastigmine by 23% (n = 75 smokers and 549 nonsmokers).

Drug Interaction Studies

Effect of Rivastigmine on the Metabolism of Other Drugs

Rivastigmine is primarily metabolized through hydrolysis by esterases. Minimal metabolism occurs via the major cytochrome P450 isoenzymes. Based on *in vitro* studies, no pharmacokinetic drug interactions with drugs metabolized by the following isoenzyme systems are expected: CYP1A2, CYP2D6, CYP3A4/5, CYP2E1, CYP2C9, CYP2C8, CYP2C19, or CYP2B6.

No pharmacokinetic interaction was observed between rivastigmine taken orally and digoxin, warfarin, diazepam or fluoxetine in studies in healthy volunteers. The increase in prothrombin time induced by warfarin is not affected by administration of rivastigmine.

Effect of Other Drugs on the Metabolism of Rivastigmine

Drugs that induce or inhibit CYP450 metabolism are not expected to alter the metabolism of rivastigmine.

Population pharmacokinetic analysis with a database of 625 patients showed that the pharmacokinetics of rivastigmine taken orally were not influenced by commonly prescribed medications such as antacids (n = 77), antihypertensives (n = 72), beta-blockers (n = 42), calcium channel blockers (n = 75), antidiabetics (n = 21), NSAIDs (n = 79), estrogens (n = 70), salicylate analgesics (n = 177), antianginals (n = 35) and antihistamines (n = 15).

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Carcinogenesis

In oral carcinogenicity studies conducted at doses up to 1.1 mg/kg/day in rats and 1.6 mg/kg/day in mice, rivastigmine was not carcinogenic. These doses are less than the maximum recommended human dose (MRHD) of 12 mg per day on an mg/m² basis.

<u>Mutagenesis</u>

Rivastigmine was clastogenic in *in vitro* chromosomal aberration assays in mammalian cells in the presence, but not the absence, of metabolic activation. Rivastigmine was negative in an *in vitro* bacterial reverse mutation (Ames) assay, an *in vitro* HGPRT assay, and in an *in vivo* mouse micronucleus test.

Impairment of Fertility

Rivastigmine had no effect on fertility or reproductive performance in rats at oral doses up to 1.1 mg/kg/day, a dose less than the MRHD on an mg/m² basis.

14 CLINICAL STUDIES

Mild-to-Moderate Alzheimer's Disease

The effectiveness of rivastigmine tartrate as a treatment for Alzheimer's disease is demonstrated by the results of 2 randomized, double-blind, placebo-controlled clinical investigations (*Study 1 and Study 2*) in patients with Alzheimer's disease [diagnosed by NINCDS-ADRDA and DSM-IV criteria, Mini-Mental State Examination (MMSE) greater than or equal to 10 and less than or equal to 26, and the Global Deterioration Scale (GDS)]. The mean age of patients participating in rivastigmine tartrate trials was 73 years with a range of 41 to 95. Approximately 59% of patients were women and 41% were men. The racial distribution was Caucasian 87%, Black 4%, and other races 9%.

In each study, the effectiveness of rivastigmine tartrate was evaluated using a dual outcome assessment strategy.

The ability of rivastigmine tartrate to improve cognitive performance was assessed with the cognitive subscale of the Alzheimer's Disease Assessment Scale (ADAS-cog), a multi-item instrument that has been extensively validated in longitudinal cohorts of Alzheimer's disease patients. The ADAS-cog examines selected aspects of cognitive performance including elements of memory, orientation, attention, reasoning, language, and praxis. The ADAS-cog scoring range is from 0 to 70, with higher scores indicating greater cognitive impairment. Elderly normal adults may score as low as 0 or 1, but it is not unusual for non-demented adults to score slightly higher.

The patients recruited as participants in each study had mean scores on ADAS-cog of approximately 23 units, with a range from 1 to 61. Experience gained in longitudinal studies of ambulatory patients with mild-to-moderate Alzheimer's disease suggests that they gain 6 to 12 units a year on the ADAS-cog. Lesser degrees of change, however, are seen in patients with very mild or very advanced disease because the ADAS-cog is not uniformly sensitive to change over the course of the disease. The annualized rate of decline in the placebo patients participating in rivastigmine tartrate trials was approximately 3 to 8 units per year.

The ability of rivastigmine tartrate to produce an overall clinical effect was assessed using a Clinician's Interview-Based Impression of Change (CIBIC) that required the use of caregiver information, the CIBIC-Plus. The CIBIC-Plus is not a single instrument and is not a standardized instrument like the ADAS-cog. Clinical trials for investigational drugs have used a variety of CIBIC formats, each different in terms of depth and structure. As such, results from a CIBIC-Plus reflect clinical experience from the trial or trials in which it was used and cannot be compared directly with the results of CIBIC-Plus evaluations from other clinical trials. The CIBIC-Plus used in the rivastigmine tartrate trials was a structured instrument based on a comprehensive evaluation at baseline and subsequent time-points of 3 domains: patient cognition, behavior and functioning, including assessment of activities of daily living. It represents the assessment of a skilled clinician using validated scales based on his/her observation at interviews conducted separately with the patient and the caregiver familiar with the behavior of the patient over the interval rated. The CIBIC-Plus is scored as a 7-point categorical rating, ranging from a score of 1, indicating "markedly improved," to a score of 4, indicating "no change" to a score of 7,

indicating "marked worsening." The CIBIC-Plus has not been systematically compared directly to assessments not using information from caregivers or other global methods.

U.S. 26-Week Study of Rivastigmine Tartrate in Mild-to-Moderate Alzheimer's Disease (Study 1)

In a study of 26 weeks duration, 699 patients were randomized to either a dose range of 1 mg to 4 mg or 6 mg to 12 mg of rivastigmine tartrate per day or to placebo, each given in divided doses. The 26-week study was divided into a 12-week forced-dose titration phase and a 14-week maintenance phase. The patients in the active treatment arms of the study were maintained at their highest tolerated dose within the respective range.

Figure 1 illustrates the time course for the change from baseline in ADAS-cog scores for all 3 dose groups over the 26 weeks of the study. At 26 weeks of treatment, the mean differences in the ADAS-cog change scores for the rivastigmine tartrate-treated patients compared to the patients on placebo were 1.9 and 4.9 units for the 1 mg to 4 mg and 6 mg to 12 mg treatments, respectively. Both treatments were statistically significantly superior to placebo and the 6 mg to 12 mg per day range was significantly superior to the 1 mg to 4 mg per day range.

Figure 1: Time-course of the Change from Baseline in ADAS-cog Score for Patients Completing 26 Weeks of Treatment in Study 1

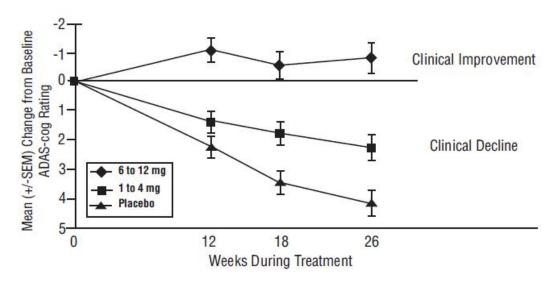


Figure 2 illustrates the cumulative percentages of patients from each of the 3 treatment groups who had attained at least the measure of improvement in ADAS-cog score shown on the x-axis. Three change scores, (7-point and 4-point reductions from baseline or no change in score) have been identified for illustrative purposes, and the percent of patients in each group achieving that result is shown in the inset table.

The curves demonstrate that both patients assigned to rivastigmine tartrate and placebo have a wide range of responses, but that the rivastigmine tartrate groups are more likely to show the greater improvements. A curve for an effective treatment would be shifted to the left of the curve for placebo, while an ineffective or deleterious treatment would be superimposed upon, or shifted to the right of the curve for placebo, respectively.

Figure 2: Cumulative Percentage of Patients Completing 26 Weeks of Double-blind Treatment with Specified Changes from Baseline ADAS-cog Scores. The Percentages of Randomized Patients who Completed the Study were: Placebo 84%, 1 mg to 4 mg 85%, and 6 mg to 12 mg 65%.

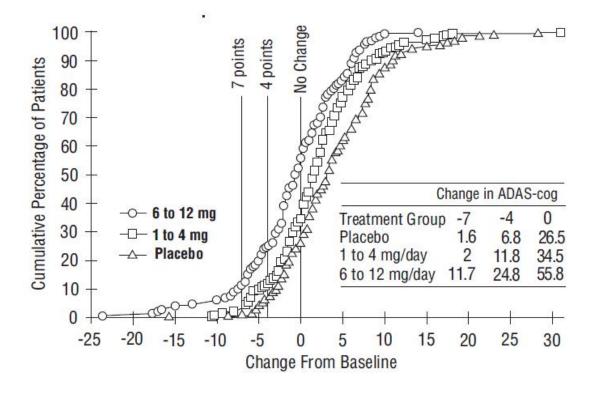
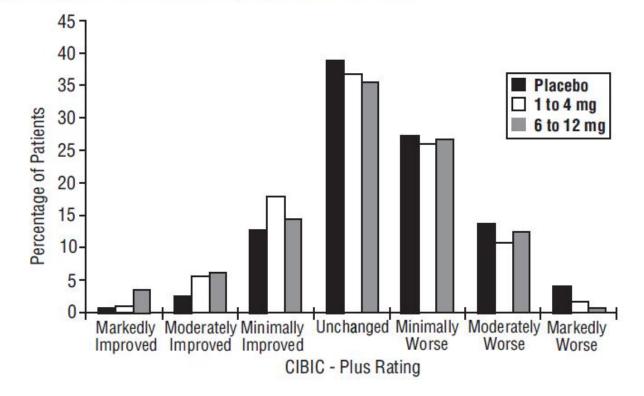


Figure 3 is a histogram of the frequency distribution of CIBIC-Plus scores attained by patients assigned to each of the 3 treatment groups who completed 26 weeks of treatment. The mean rivastigmine tartrateplacebo differences for these groups of patients in the mean rating of change from baseline were 0.32 units and 0.35 units for 1 mg to 4 mg and 6 mg to 12 mg of rivastigmine tartrate, respectively. The mean ratings for the 6 mg to 12 mg per day and 1 mg to 4 mg per day groups were statistically significantly superior to placebo. The differences between the 6 mg to 12 mg per day and the 1 mg to 4 mg per day groups were statistically significant.

Figure 3: Frequency Distribution of CIBIC-Plus Scores at Week 26 in Study 1



Global 26-Week Study in Mild-to-Moderate Alzheimer's Disease (Study 2)

In a second study of 26 weeks duration, 725 patients were randomized to either a dose range of 1 mg to 4 mg or 6 mg to 12 mg of rivastigmine tartrate per day or to placebo, each given in divided doses. The 26-week study was divided into a 12-week forced-dose titration phase and a 14-week maintenance phase. The patients in the active treatment arms of the study were maintained at their highest tolerated dose within the respective range.

Figure 4 illustrates the time course for the change from baseline in ADAS-cog scores for all 3 dose groups over the 26 weeks of the study. At 26 weeks of treatment, the mean differences in the ADAS-cog change scores for the rivastigmine tartrate-treated patients compared to the patients on placebo were 0.2 and 2.6 units for the 1 mg to 4 mg and 6 mg to 12 mg treatments, respectively. The 6 mg to 12 mg per day group was statistically significantly superior to placebo, as well as to the 1 mg to 4 mg per day group. The difference between the 1 mg to 4 mg per day group and placebo was not statistically significant.

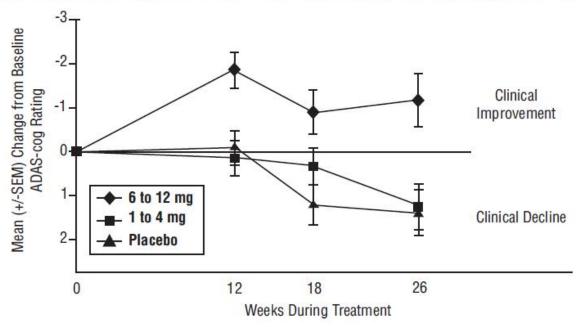


Figure 5 illustrates the cumulative percentages of patients from each of the 3 treatment groups who had attained at least the measure of improvement in ADAS-cog score shown on the x-axis. Similar to the U.S. 26-week study, the curves demonstrate that both patients assigned to rivastigmine tartrate and placebo have a wide range of responses, but that the 6 mg to 12 mg per day rivastigmine tartrate group is more likely to show the greater improvements.

Figure 5: Cumulative Percentage of Patients Completing 26 Weeks of Double-blind Treatment with Specified Changes from Baseline ADAS-cog Scores. The Percentages of Randomized Patients who Completed the Study were: Placebo 87%, 1 mg to 4 mg 86%, and 6 mg to 12 mg 67%.

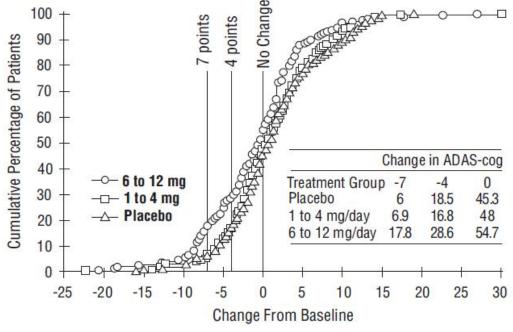


Figure 6 is a histogram of the frequency distribution of CIBIC-Plus scores attained by patients assigned to each of the 3 treatment groups who completed 26 weeks of treatment. The mean rivastigmine tartrate-placebo differences for these groups of patients for the mean rating of change from baseline were 0.14 units and 0.41 units for 1 mg to 4 mg and 6 mg to 12 mg of rivastigmine tartrate, respectively. The mean ratings for the 6 mg to 12 mg per day group were statistically significantly superior to placebo. The comparison of the mean ratings for the 1 mg to 4 mg per day group and placebo group was not

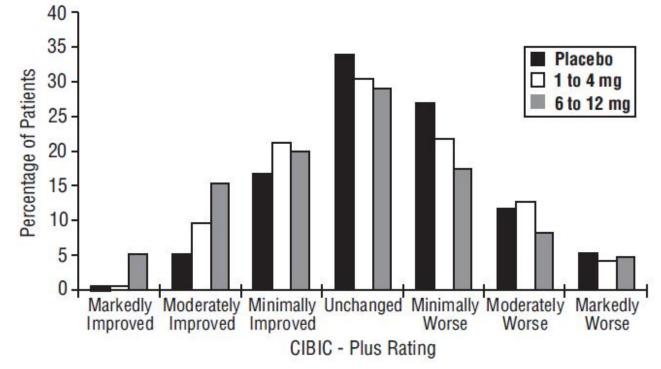


Figure 6: Frequency Distribution of CIBIC-Plus Scores at Week 26 in Study 2

U.S. Fixed-Dose Study in Mild-to-Moderate Alzheimer's Disease (Study 3)

In a study of 26 weeks duration, 702 patients were randomized to doses of 3 mg, 6 mg, or 9 mg per day of rivastigmine tartrate or to placebo, each given in divided doses. The fixed-dose study design, which included a 12-week forced-dose titration phase and a 14-week maintenance phase, led to a high dropout rate in the 9 mg per day group because of poor tolerability. At 26 weeks of treatment, significant differences were observed for the ADAS-cog mean change from baseline for the 9 mg per day and 6 mg per day groups, compared to placebo. No significant differences were observed between any of the rivastigmine tartrate-dose groups and placebo for the analysis of the CIBIC-Plus mean rating of change. Although no significant differences were observed between rivastigmine tartrate treatment groups, there was a trend toward numerical superiority with higher doses.

<u>Mild-to-Moderate Parkinson's Disease Dementia</u> _International 24-Week Study (Study 4)

The effectiveness of rivastigmine tartrate as a treatment for dementia associated with Parkinson's disease is demonstrated by the results of 1 randomized, double-blind, placebo-controlled clinical investigation in patients with mild-to-moderate dementia, with onset at least 2 years after the initial diagnosis of idiopathic Parkinson's disease. The diagnosis of idiopathic Parkinson's disease was based on the United Kingdom Parkinson's Disease Society Brain Bank clinical criteria. The diagnosis of dementia was based on the criteria stipulated under the DSM-IV category "Dementia Due To Other General Medical Condition" (code 294.1x), but patients were not required to have a distinctive pattern of cognitive deficits as part of the dementia. Alternate causes of dementia were excluded by clinical history, physical and neurological examination, brain imaging, and relevant blood tests. Patients enrolled in the study had a MMSE score greater than or equal to 10 and less than or equal to 24 at entry. The mean age of patients participating in this trial was 72.7 years with a range of 50 to 91 years. Approximately, 35.1% of patients were women and 64.9% of patients were men. The racial distribution

was 99.6% Caucasian and other races 0.4%.

This study used a dual outcome assessment strategy to evaluate the effectiveness of rivastigmine tartrate.

The ability of rivastigmine tartrate to improve cognitive performance was assessed with the ADAS-cog.

The ability of rivastigmine tartrate to produce an overall clinical effect was assessed using the Alzheimer's Disease Cooperative Study – Clinician's Global Impression of Change (ADCS-CGIC). The ADCS-CGIC is a more standardized form of CIBIC-Plus and is also scored as a 7-point categorical rating, ranging from a score of 1, indicating "markedly improved," to a score of 4, indicating "no change" to a score of 7, indicating "marked worsening".

In this study, 541 patients were randomized to a dose range of 3 mg to 12 mg of rivastigmine tartrate per day or to placebo in a ratio of 2:1, given in divided doses. The 24-week study was divided into a 16-week titration phase and an 8-week maintenance phase. The patients in the active treatment arm of the study were maintained at their highest tolerated dose within the specified dose range.

Figure 7 illustrates the time course for the change from baseline in ADAS-cog scores for both treatment groups over the 24-week study. At 24 weeks of treatment, the mean difference in the ADAS-cog change scores for the rivastigmine tartrate-treated patients compared to the patients on placebo was 3.8 points. This treatment difference was statistically significant in favor of rivastigmine tartrate when compared to placebo.



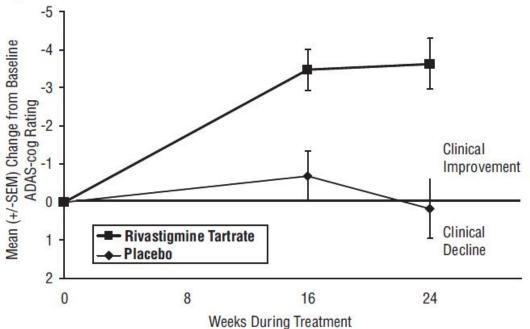
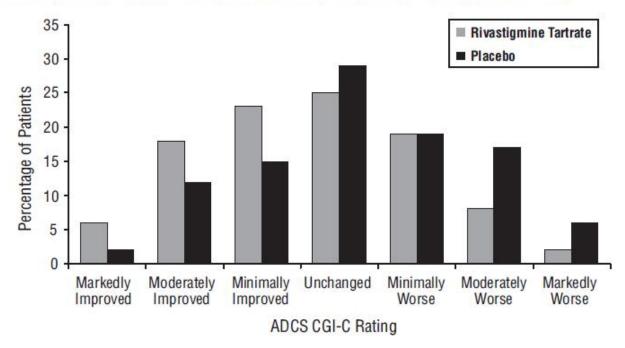


Figure 8 is a histogram of the distribution of patients' scores on the ADCS-CGIC (Alzheimer's Disease Cooperative Study - Clinician's Global Impression of Change) at 24 weeks. The mean difference in change scores between the rivastigmine tartrate and placebo groups from baseline was 0.5 points. This difference was statistically significant in favor of rivastigmine tartrate treatment.

Figure 8: Distribution of ADCS-CGIC Scores for Patients Completing 24 Weeks of Treatment in Study 4



Patients' age, gender, or race did not predict clinical outcome of rivastigmine tartrate treatment.

16 HOW SUPPLIED/STORAGE AND HANDLING

Rivastigmine tartrate capsules, USP equivalent to 1.5 mg, 3 mg, 4.5 mg, or 6 mg of rivastigmine base are available as follows:

Rivas tigmine Tartrate Capsules USP, 1.5 mg are yellow cap and yellow body colored size '2' capsules imprinted in black ink with 'H' on cap and '67' on body, containing white to off-white granular powder.

Bottles of 60	NDC 65862-648-60
Bottles of 500	NDC 65862-648-05
10 x 10 Unit-dose Capsules	NDC 65862-648-78

Rivas tigmine Tartrate Capsules USP, 3 mg are orange cap and orange body colored size '2' capsules imprinted in black ink with 'H' on cap and '68' on body, containing white to off-white granular powder.

Bottles of 60	NDC 65862-649-60
Bottles of 500	NDC 65862-649-05
10 x 10 Unit-dose Capsules	NDC 65862-649-78

Rivas tigmine Tartrate Capsules USP, 4.5 mg are red cap and red body colored size '2' capsules imprinted in black ink with 'H' on cap and '69' on body, containing white to off-white granular powder.

Bottles of 60	NDC 65862-650-60
Bottles of 500	NDC 65862-650-05
10 x 10 Unit-dose Capsules	NDC 65862-650-78

Rivas tigmine Tartrate Capsules USP, 6 mg are red cap and orange body colored size '2' capsules imprinted in black ink with 'H' on cap and '70' on body, containing white to off-white granular powder.

Bottles of 60	NDC 65862-651-60
Bottles of 500	NDC 65862-651-05
10 x 10 Unit-dose Capsules	NDC 65862-651-78

Store at 20° to 25°C (68° to 77°F) [see USP Controlled Room Temperature]. Store in a tight container.

17 PATIENT COUNSELING INFORMATION

Advise the patient to read the FDA-approved patient labeling.

Gastrointestinal Adverse Reactions

Caregivers should be advised of the high incidence of nausea and vomiting associated with the use of the drug along with the possibility of anorexia and weight loss. Caregivers should be encouraged to monitor for these adverse events and inform the physician if they occur. It is critical to inform caregivers that if therapy has been interrupted for more than several days, the next dose should not be administered until they have discussed this with the physician [see Warnings and Precautions (5.1)].

Skin Reactions

Caregivers and patients should be advised that allergic skin reactions have been reported in association with rivastigmine tartrate regardless of formulation (capsules, oral solution or transdermal patch). In case of skin reaction while taking rivastigmine tartrate, patients should consult with their physician immediately [see Warnings and Precautions (5.2)].

Concomitant Use of Drugs with Cholinergic Action

Caregivers and patients should be advised that cholinomimetics, including rivastigmine, may exacerbate or induce extrapyramidal symptoms. Worsening in patients with Parkinson's disease, including an increased incidence or intensity of tremor, has been observed [see Warnings and Precautions (5.3)].

Pregnancy

Advise patients to notify their healthcare provider if they are pregnant or plan to become pregnant.

Distributed by: **Aurobindo Pharma USA, Inc.** 279 Princeton-Hightstown Road East Windsor, NJ 08520

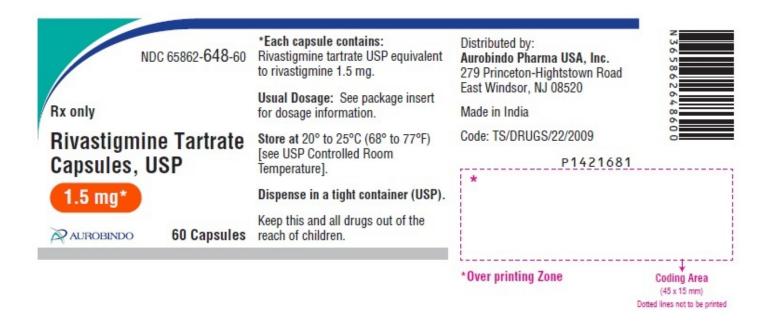
Manufactured by: **Aurobindo Pharma Limited** Hyderabad-500 038, India

Revised: 04/2019

PACKAGE LABEL-PRINCIPAL DISPLAY PANEL - 1.5 mg (60 Capsules Bottle)

NDC 65862-648-60 Rx only Rivas tigmine Tartrate Capsules, USP





PACKAGE LABEL-PRINCIPAL DISPLAY PANEL - 1.5 mg Blister Carton (10 x 10 Unit-dose)

NDC 65862-648-78 Rx only Rivastigmine Tartrate Capsules, USP 1.5 mg* AUROBINDO 100 (10 x 10) Unit-dose Capsules



PACKAGE LABEL-PRINCIPAL DISPLAY PANEL - 3 mg (60 Capsules Bottle)

NDC 65862-649-60 Rx only Rivas tigmine Tartrate

Capsules, USF AUROBINDO	0	les		
	NDC 65862-649-60	*Each capsule contains: Rivastigmine tartrate USP equivalent to rivastigmine 3 mg.	Distributed by: Aurobindo Pharma USA, Inc. 279 Princeton-Hightstown Road East Windsor, NJ 08520	N 3 6 5 8 6 2 6
Rx only		Usual Dosage: See package insert for dosage information.	Made in India	6496
Rivastigmine Tartrate Capsules, USP		Store at 20° to 25°C (68° to 77°F) [see USP Controlled Room Temperature].	Code: TS/DRUGS/22/2009 P1421683	3
3 mg*		Dispense in a tight container (USP).		
AUROBINDO	60 Capsules	Keep this and all drugs out of the reach of children.		
			*Over printing Zone	Coding Area (45 x 15 mm) Dotted lines not to be printed

PACKAGE LABEL-PRINCIPAL DISPLAY PANEL - 3 mg Blister Carton (10 x 10 Unit-dose)

NDC 65862-649-78 Rx only Rivastigmine Tartrate Capsules, USP 3 mg* AUROBINDO 100 (10 x 10) Unit-dose Capsules



PACKAGE LABEL-PRINCIPAL DISPLAY PANEL - 4.5 mg (60 Capsules Bottle)

NDC 65862-650-60 Rx only Rivas tigmine Tartrate Capsules, USP 4.5 mg* AUROBINDO 60 Capsules

	NDC 65862-650-60	to rivastigmine 4.5 mg.	Distributed by: Aurobindo Pharma USA, Inc. 279 Princeton-Hightstown Road East Windsor, NJ 08520	N 3 6 5 8 6 2
Rx only		Usual Dosage: See package insert for dosage information.	Made in India	6506
Rivastigmi Capsules,	ine Tartrate USP	Store at 20° to 25°C (68° to 77°F) [see USP Controlled Room Temperature].	Code: TS/DRUGS/22/2009	Q Q
4.5 mg*		Dispense in a tight container (USP).		
AUROBINDO	60 Capsules	Keep this and all drugs out of the reach of children.		
			*Over printing Zone	Coding Area (45 x 15 mm) Dotted lines not to be p

PACKAGE LABEL-PRINCIPAL DISPLAY PANEL - 4.5 mg Blister Carton (10 x 10 Unit-dose)

NDC 65862-650-78 Rx only Rivastigmine Tartrate Capsules, USP 4.5 mg* AUROBINDO 100 (10 x 10) Unit-dose Capsules



PACKAGE LABEL-PRINCIPAL DISPLAY PANEL - 6 mg (60 Capsules Bottle)

NDC 65862-651-60 Rx only Rivas tigmine Tartrate Capsules, USP

AUROBINDO 60 Caps	sules		
NDC 65862-651-60	*Each capsule contains: Rivastigmine tartrate USP equivalent to rivastigmine 6 mg. Usual Dosage: See package insert	Distributed by: Aurobindo Pharma USA, Inc. 279 Princeton-Hightstown Road East Windsor, NJ 08520	N 3 6 5 8 6 2 6 5
Rx only Rivastigmine Tartrate Capsules, USP	for dosage information. Store at 20° to 25°C (68° to 77°F) [see USP Controlled Room Temperature].	Made in India Code: TS/DRUGS/22/2009 P1421687	
6 mg*	Dispense in a tight container (USP). Keep this and all drugs out of the reach of children.		
		*Over printing Zone	Coding Area (45 x 15 mm) Dotted lines not to be printed

PACKAGE LABEL-PRINCIPAL DISPLAY PANEL - 6 mg Blister Carton (10 x 10 Unit-dose)

NDC 65862-651-78 Rx only Rivastigmine Tartrate Capsules, USP 6 mg* AUROBINDO 100 (10 x 10) Unit-dose Capsules

6 mg*



RIVASTIGMINE TARTRATE

rivastigmine tartrate capsule

Product Information

Product Type		HUMAN PRESCRIPT	ON DRUG	Item Code (So	ource)	NDC:65	862-648
Route of Administra	ation	ORAL					
Active Ingredier	nt/Active Moi	ety					
	I	ngredient Name			Basis of S	Strength	Strengt
RIVASTIGMINE TAR	TRATE (UNII: 91	Y2357JPE) (RIVASTIG	MINE - UNII:PKI06N	M3IW0)	RIVASTIGM	INE	1.5 mg
Inactive Ingredi	ents						
		Ingredient N	ame			St	rength
SILICON DIOXIDE (U	JNII: ETJ7Z6 XBU	(4)					
HYPROMELLOSE 29)10 (5 MPA.S) (U	JNII: R75537T0T4)					
MAGNESIUM STEAR	ATE (UNII: 7009	7M6I30)					
MICRO CRYSTALLIN	NE CELLULO SE	(UNII: OP1R32D61U)					
GELATIN, UNSPECIE	F IED (UNII: 2G86	QN327L)					
FERRIC OXIDE RED	(UNII: 1K09F3G6	75)					
FERRIC OXIDE YELI	L OW (UNII: EX43	8O2MRT)					
SODIUM LAURYL SU	ULFATE (UNII: 30	58GB5141J)					
TITANIUM DIO XIDE	(UNII: 15FIX9V2J	P)					
FERROSOFERRIC O	XIDE (UNII: XM0	M87F357)					
PO TASSIUM HYDRO	XIDE (UNII: WZH	E3C48M4T)					
PROPYLENE GLYCO	DL (UNII: 6DC9Q	167V3)					
SHELLAC (UNII: 46 N	107B71O)						
AMMONIA (UNII: 513	8Q19F1X)						
Product Charact	eristics						
Color	YELLO	W	Score		n	o score	
Shape	CAPSU	LE	Size		18	8 m m	
Flavor			Imprint Code		Н	l;6 7	
Contains							
Packaging							
# Item Code		Package Descript	ion	Marketing S	Start Date	Marketin	g End Da
1 NDC:65862-648-	60 in 1 BOTTLI	E; Type 0: Not a Comb		03/25/2016			

l	#	Item Code	Package Description	Marketing Start Date	Marketing End Date
	1	NDC:65862-648- 60	60 in 1 BOTTLE; Type 0: Not a Combination Product	03/25/2016	
	2	NDC:65862-648-05	500 in 1 BOTTLE; Type 0: Not a Combination Product	03/25/2016	
	3	NDC:65862-648-78	10 in 1 CARTON	03/25/2016	
	3	NDC:65862-648-10	10 in 1 BLISTER PACK; Type 0: Not a Combination Product		
I					

Marketing Info	rmation		
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANDA	ANDA204572	03/25/2016	
ANDA	ANDA204572	03/25/2016	

RIVASTIGMINE TARTRATE rivastigmine tartrate capsule Product Information

Product T ype	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:65862-649
Route of Administration	ORAL		
Active Ingredient/Active Moi	etv		

Ingredient Name	Basis of Strength	Strength
RIVASTIGMINE TARTRATE (UNII: 91Y2357JPE) (RIVASTIGMINE - UNII:PKI06M3IW0)	RIVASTIGMINE	3 mg

Inactive Ingredients Ingredient Name Strength SILICON DIO XIDE (UNII: ETJ7Z6 XBU4) HYPROMELLOSE 2910 (5 MPA.S) (UNII: R75537T0T4) MAGNESIUM STEARATE (UNII: 70097M6I30) MICROCRYSTALLINE CELLULOSE (UNII: OP1R32D61U) **GELATIN, UNSPECIFIED** (UNII: 2G86QN327L) FERRIC OXIDE RED (UNII: 1K09F3G675) FERRIC OXIDE YELLOW (UNII: EX438O2MRT) **SODIUM LAURYL SULFATE** (UNII: 368GB5141J) TITANIUM DIO XIDE (UNII: 15FIX9V2JP) FERROSOFERRIC OXIDE (UNII: XM0 M87F357) POTASSIUM HYDRO XIDE (UNII: WZH3C48 M4T) PROPYLENE GLYCOL (UNII: 6DC9Q167V3) **SHELLAC** (UNII: 46 N107B710) AMMONIA (UNII: 5138Q19F1X)

Product Characteristics

Color	ORANGE	Score	no score
Shape	CAPSULE	Size	18 mm
Flavor		Imprint Code	H;68
Contains			

Packaging

1NDC:65862-649- 6060 in 1 BOTTLE; Type 0: Not a Combination Product03/25/20162NDC:65862-649-05500 in 1 BOTTLE; Type 0: Not a Combination Product03/25/20163NDC:65862-649-7810 in 1 CARTON03/25/20163NDC:65862-649-1010 in 1 BLISTER PACK; Type 0: Not a Combination Product03/25/2016	#	Item Code	Package Description	Marketing Start Date	Marketing End Date
3 NDC:65862-649-78 10 in 1 CARTON 03/25/2016 3 NDC:65862-649-10 10 in 1 BLISTER PACK; Type 0: Not a Combination	1		60 in 1 BOTTLE; Type 0: Not a Combination Product	03/25/2016	
3 NDC:65862-649-10 10 in 1 BLISTER PACK; Type 0: Not a Combination	2	NDC:65862-649-05	500 in 1 BOTTLE; Type 0: Not a Combination Product	0 3/25/20 16	
3 NDU: 05807-049-10	3	NDC:65862-649-78	10 in 1 CARTON	0 3/25/20 16	
	3	NDC:65862-649-10	, 51		

	Annliest	ion Number or Mono	graph Citation	Markating 6	taxt Data	Marketin	g End Date
Marketing Category ANDA	ANDA20457		graph Citation	Marketing S 03/25/2016	lart Dale	Markeun	g End Date
RIVASTIGMIN	NE TART	RATE					
rivastigmine tartrate	capsule						
Product Informat	ion						
Product Type		HUMAN PRESCRIPTI	ION DRUG	Item Code (S	ource)	NDC:65	862-650
Route of Administra	tion	ORAL			· · · · ,		
Route of Administra	uon	UKAL					
Active Ingredient	/Active Mo	iety					
]	ngredient Name			Basis of S	Strength	Strengtl
RIVASTIGMINE TART		0	MINE - UNII:PKI06N	//3IW0)	RIVASTIGM	U	4.5 mg
Inactive Ingredie	nts						
		Ingredient N	ame			St	rength
SILICON DIO XIDE (U	NII: ETJ7Z6XB	U4)					
HYPROMELLOSE 291							
MAGNESIUM STEARA							
MICROCRYSTALLIN	E CELLULOSI	E (UNII: OP1R32D61U)					
GELATIN, UNSPECIFI							
FERRIC OXIDE RED (
FERRIC OXIDE YELL							
SODIUM LAURYL SU		,					
TITANIUM DIO XIDE (
FERROSOFERRIC OX							
POTASSIUM HYDRO PROPYLENE GLYCO							
SHELLAC (UNII: 46 N10	,	210/03)					
AMMO NIA (UNII: 5138							
AMINO MA (UMI. 5158	Q19F1X)						
Product Characte	ristics						
Color	RED		Score		n	o score	
Shape	CAPSU	ILE	Size			8mm	
Flavor	0/11/00		Imprint Code			;69	
Contains			Imprint Coue			,00	
Packaging							

2 NDC:65862-650-05	500 in 1 BOTTI	LE; Type 0: Not a Combination Product	03/25/2016	
3 NDC:65862-650-78	l0 in 1 CARTO	N	03/25/2016	
) N /U.00002-00U-10	l0 in 1 BLISTEI Product	RPACK; Type 0: Not a Combination		
1	founct			
Marketing Info	rmation			
Marketing Category	Applicatio	on Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANDA	ANDA204572		03/25/2016	
RIVASTIGMIN	E TARTI	RATE		
rivastigmine tartrate o	apsule			
Product Informati	on			
Product Type		HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:65862-651
Route of Administrat	on	ORAL		
Active Ingredient/	Active Moi	ety		
	Iı	ety ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06		0
RIVASTIGMINE TARTI	II RATE (UNII: 91	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredier	In RATE (UNII: 91 Its	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06 Ingredient Name		
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN	ם RATE (UNII: 91 Its II: ETJ7Z6 XBU	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06) Ingredient Name 14)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPRO MELLO SE 2910	In RATE (UNII: 91 hts II: ETJ7Z6 XBU D (5 MPA.S) (U	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06 Ingredient Name [4] JNII: R75537T0T4)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPRO MELLO SE 2910 MAGNESIUM STEARAT	I1 RATE (UNII: 91 hts II: ETJ7Z6 XBU 0 (5 MPA.S) (U FE (UNII: 7009	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06) Ingredient Name (4) JNII: R75537T0T4) 7M6I30)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPRO MELLO SE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE	In RATE (UNII: 91 hts II: ETJ7Z6 XBU 0 (5 MPA.S) (U FE (UNII: 7009 CELLULO SE	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06 Ingredient Name (4) JNII: R75537T0T4) 7M6I30) (UNII: OP1R32D61U)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredier SILICON DIOXIDE (UN HYPROMELLOSE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE	In RATE (UNII: 91 Ints II: ETJ7Z6 XBU O (5 MPA.S) (U TE (UNII: 7009 CELLULOSE ED (UNII: 2G86)	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06) Ingredient Name (4) UNII: R75537T0T4) 7M6I30) (UNII: OP1R32D61U) QN327L)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPROMELLO SE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U	In RATE (UNII: 91 II: ETJ7Z6 XBU 0 (5 MPA.S) (U FE (UNII: 7009 CELLULOSE ED (UNII: 2G86) NII: 1K09F3G6	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06 Ingredient Name (4) JNII: R75537T0T4) 7M6I30) (UNII: OP1R32D61U) QN327L) 75)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPRO MELLO SE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U FERRIC O XIDE YELLO	In RATE (UNII: 91 Ints II: ETJ7Z6 XBU O (5 MPA.S) (U FE (UNII: 7009 CELLULOSE ED (UNII: 2G866 NII: 1K09F3G6 OW (UNII: EX43	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06) Ingredient Name (4) UNII: R75537T0T4) 7M6I30) (UNII: OP1R32D61U) QN327L) 75)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPRO MELLO SE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U FERRIC O XIDE YELLO SODIUM LAURYL SUL	In RATE (UNII: 91 Its II: ETJ7Z6 XBU 0 (5 MPA.S) (U FE (UNII: 7009 CELLULOSE ED (UNII: 2G866 NII: 1K09F3G6 W (UNII: EX43 FATE (UNII: 34	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI063 Ingredient Name (4) JNII: R75537T0T4) 7M6I30) (UNII: OP1R32D61U) QN327L) 75) 8802MRT) 58GB5141J)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPRO MELLO SE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U FERRIC O XIDE RED (U SO DIUM LAURYL SUL TITANIUM DIO XIDE (U	In RATE (UNII: 91 Ints II: ETJ7Z6 XBU O (5 MPA.S) (U FE (UNII: 7009 CELLULOSE ED (UNII: 2G86) NII: 1K09F3G6 OW (UNII: EX43 FATE (UNII: 30 UNII: 15FIX9 V2J	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06) Ingredient Name (4) UNII: R75537T0T4) 7M6I30) (UNII: OP1R32D61U) QN327L) 75) 8802MRT) 58GB5141J)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPRO MELLO SE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U FERRIC O XIDE YELLO SO DIUM LAURYL SUL TITANIUM DIO XIDE (U FERRO SO FERRIC O XI	In RATE (UNII: 91 Its II: ETJ7Z6 XBU 0 (5 MPA.S) (U TE (UNII: 7009 CELLULOSE ED (UNII: 2G866 NII: 1K09F3G6 OW (UNII: EX43 FATE (UNII: 34 INII: 15FIX9V2J DE (UNII: XM0	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI063 Ingredient Name IA) JNII: R75537T0T4) 7M6130) (UNII: OP1R32D61U) QN327L) 75) 802MRT) 58GB5141J) P) M87F357)		MINE 6 mg
Active Ingredient/ RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPRO MELLO SE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U FERRIC O XIDE RED (U FERRIC O XIDE YELLO SO DIUM LAURYL SUL TITANIUM DIO XIDE (U FERROSO FERRIC O XI PO TASSIUM HYDRO X PRO PYLENE GLYCO L	In RATE (UNII: 91 Ints II: ETJ7Z6 XBU 0 (5 MPA.S) (U FE (UNII: 7009 CELLULOSE ED (UNII: 2G86) NII: 1K09F3G6 OW (UNII: EX43 FATE (UNII: 234 FATE (UNII: 34 UNII: 15FIX9V2J DE (UNII: WZH	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06 Y2457JPE) (RIVASTIGMINE - UNII:PKI06 Y2557JPE) (RIVASTIGMINE - UNII:PKI06 <td></td> <td>MINE 6 mg</td>		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPRO MELLO SE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U FERRIC O XIDE RED (U FERRIC O XIDE YELLO SO DIUM LAURYL SUL TITANIUM DIO XIDE (U FERRO SO FERRIC O XI PO TASSIUM HYDRO X PRO PYLENE GLYCO L	In RATE (UNII: 91 Ints II: ETJ7Z6 XBU 0 (5 MPA.S) (U CELLULOSE CELLULOSE D (UNII: 7009 CELLULOSE D (UNII: 2G866 W (UNII: 2G866 W (UNII: EX43 FATE (UNII: 8X43 FATE (UNII: 33 UNII: 15FIX9 V23 DE (UNII: XM0 IDE (UNII: WZH (UNII: 6DC9Q	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06 Y2457JPE) (RIVASTIGMINE - UNII:PKI06 Y2557JPE) (RIVASTIGMINE - UNII:PKI06 <td></td> <td>MINE 6 mg</td>		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPRO MELLO SE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U FERRIC O XIDE YELLO SO DIUM LAURYL SUL TITANIUM DIO XIDE (U FERRO SO FERRIC O XI PO TASSIUM HYDRO X PRO PYLENE GLYCO L SHELLAC (UNII: 46 N10	In RATE (UNII: 91 Ats II: ETJ7Z6 XBU 0 (5 MPA.S) (U FE (UNII: 7009 CELLULOSE 2D (UNII: 2G86) NII: 1K09F3G6 2D (UNII: 2G86) MII: 1K09F3G6 2D (UNII: EX43 FATE (UNII: 2G86) MII: 15FIX9V2J DE (UNII: XM0 IDE (UNII: WZH (UNII: 6DC9Q 7B710)	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06 Y2357JPE) (RIVASTIGMINE - UNII:PKI06 Ingredient Name I Ingredient Name I4) JNII: R75537T0T4) 7M6 I30) (UNII: OP1R32D6 1U) QN327L) 75) I802MRT) 58GB5141J) P) M8 7F357) B2C48 M4T)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPRO MELLO SE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U FERRIC O XIDE YELLO SO DIUM LAURYL SUL TITANIUM DIO XIDE (U FERRO SO FERRIC O XI PO TASSIUM HYDRO X PRO PYLENE GLYCO L SHELLAC (UNII: 46 N10	In RATE (UNII: 91 Ats II: ETJ7Z6 XBU 0 (5 MPA.S) (U FE (UNII: 7009 CELLULOSE 2D (UNII: 2G86) NII: 1K09F3G6 2D (UNII: 2G86) MII: 1K09F3G6 2D (UNII: EX43 FATE (UNII: 2G86) MII: 15FIX9V2J DE (UNII: XM0 IDE (UNII: WZH (UNII: 6DC9Q 7B710)	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06 Y2357JPE) (RIVASTIGMINE - UNII:PKI06 Ingredient Name I Ingredient Name I4) JNII: R75537T0T4) 7M6 I30) (UNII: OP1R32D6 1U) QN327L) 75) I802MRT) 58GB5141J) P) M8 7F357) B2C48 M4T)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPROMELLOSE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U FERRIC O XIDE RED (U FERRIC O XIDE YELLO SO DIUM LAURYL SUL TITANIUM DIO XIDE (U FERRO SO FERRIC O XI PO TASSIUM HYDRO X PRO PYLENE GLYCOL SHELLAC (UNII: 46 N10 AMMO NIA (UNII: 5138 C	In RATE (UNII: 91 Ats II: ETJ7Z6 XB U 0 (5 MPA.S) (U FE (UNII: 7009 CELLULOSE ED (UNII: 2G86) NII: 1K09F3G6 W (UNII: EX43 FATE (UNII: 34 FATE (UNII: 34 DE (UNII: 34 DE (UNII: XM0 IDE (UNII: WZF (UNII: 6DC9Q 7B710) 219F1X)	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI06 Y2357JPE) (RIVASTIGMINE - UNII:PKI06 Ingredient Name I Ingredient Name I4) JNII: R75537T0T4) 7M6 I30) (UNII: OP1R32D6 1U) QN327L) 75) I802MRT) 58GB5141J) P) M8 7F357) B2C48 M4T)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPROMELLOSE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U FERRIC O XIDE RED (U FERRIC O XIDE YELLO SO DIUM LAURYL SUL TITANIUM DIO XIDE (U FERRO SO FERRIC O XI PO TASSIUM HYDRO X	In RATE (UNII: 91 Ats II: ETJ7Z6 XB U 0 (5 MPA.S) (U FE (UNII: 7009 CELLULOSE ED (UNII: 2G86) NII: 1K09F3G6 W (UNII: EX43 FATE (UNII: 34 FATE (UNII: 34 DE (UNII: 34 DE (UNII: XM0 IDE (UNII: WZF (UNII: 6DC9Q 7B710) 219F1X)	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI063 Ingredient Name (4) JNII: R75537T0T4) 7M6130) (UNII: OP1R32D61U) QN327L) 75) 8802MRT) 58GB5141J) P) M87F357) B3C48 M4T) 167V3)		MINE 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPROMELLOSE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U FERRIC O XIDE RED (U FERRIC O XIDE YELLO SO DIUM LAURYL SUL TITANIUM DIO XIDE (U FERRO SO FERRIC O XI PO TASSIUM HYDRO X PRO PYLENE GLYCOL SHELLAC (UNII: 46 N10 AMMO NIA (UNII: 5138 C	In RATE (UNII: 91 Ats II: ETJ7Z6 XBU 0 (5 MPA.S) (U FE (UNII: 7009 CELLULOSE 20 (UNII: 7009 CELLULOSE 20 (UNII: 2G866) MI: 1K09F3G6 20 (UNII: 2G866) MI: 15F1X9V2J DE (UNII: XM0 IDE (UNII: XM0 IDE (UNII: WZH (UNII: 6DC9Q 7B710) 219F1X)	ngredient Name Y2357JPE) (RIVASTIGMINE - UNII:PKI063 Ingredient Name (4) JNII: R75537T0T4) 7M6130) (UNII: OP1R32D61U) QN327L) 75) 8802MRT) 58GB5141J) P) M87F357) B3C48 M4T) 167V3)		MINE 6 mg 6 mg 6 mg
RIVASTIGMINE TARTI Inactive Ingredien SILICON DIO XIDE (UN HYPROMELLOSE 2910 MAGNESIUM STEARAT MICRO CRYSTALLINE GELATIN, UNSPECIFIE FERRIC O XIDE RED (U FERRIC O XIDE YELLO SO DIUM LAURYL SUL TITANIUM DIO XIDE (U FERRO SO FERRIC O XI PO TASSIUM HYDRO X PRO PYLENE GLYCOL SHELLAC (UNII: 46 N10 AMMO NIA (UNII: 5138 C	In RATE (UNII: 91 Its II: ETJ7Z6 XBU 0 (5 MPA.S) (U FE (UNII: 7009) CELLULOSE 20 (UNII: 2086) NII: 1K09F3G6 W (UNII: EX43) FATE (UNII: 30) IDE (UNII: 2086) W (UNII: EX43) FATE (UNII: 30) IDE (UNII: 2080) IDE (UNII: XM0) IDE (UNII: 6DC9Q) 710) 219F1X)	ngredient Name Y2357JPE) (RIVASTIGMINE - UNIEPKIO6 Ingredient Name Ingredient Name I <	M3IW0) RIVASTIG	MINE 6 mg Strength Strength S S S S S S S S S S S S S S S S S S S

Pa	ackaging			
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
	NDC:65862-651- 60	60 in 1 BOTTLE; Type 0: Not a Combination Product	0 3/25/20 16	
2	NDC:65862-651-05	500 in 1 BOTTLE; Type 0: Not a Combination Product	03/25/2016	
3	NDC:65862-651-78	10 in 1 CARTON	03/25/2016	
3	NDC:65862-651-10	10 in 1 BLISTER PACK; Type 0: Not a Combination Product		
-		, , , ,		
	larketing Inf			
M		ormation	Marketing Start Date	Marketing End Date

Labeler - Aurobindo Pharma Limited (650082092)

Establishment			
Name	Address	ID/FEI	Business Operations
Aurobindo Pharma Limited		650381903	ANALYSIS(65862-648, 65862-649, 65862-650, 65862-651), MANUFACTURE(65862-648, 65862-649, 65862-650, 65862-651)

Revised: 9/2019

Aurobindo Pharma Limited