HIGHLIGHTS OF PRESCRIBING INFORMATION
THESE highlights do not include all the information needed to use MEMANTINE
HYDROCHLORIBE EXTENDED-RELEASE CAPSULES safely and effectively, See full presinformation for MEMANTINE HYDROCHLORIDE EXTENDED-RELEASE CAPSULES.

MEMANTINE HYDROCHLORIDE extended-release capsules, for oral use

- Initial U.S. Approval: 2003

 NOICATIONS AND USAGE

 Memanine Infractional Extended Release Capsules are a R-methyl-D-apportate (IMDA) receptor

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 The recommended stating does of memanine hydrochroine extended-release capsules is 7 mg ore day, the date and lost in crease lin 1 mg recented to the recommended maintened base of 28 mg receptor (IMDA) receptor

- Memantine hydrochloride extended-release capsules are available as an extended-release capsule in the following strengths: 7 m. 21 4 m. 21 m.; 28 m.; 31 m.; 31.
- CONTRAINDICATIONS
 Memantine Hydrochloride Extended-Release Capsules are contraindicated in patients with known hypersensitivity to memantine hydrochloride or to any excipients used in the formulation. (4)
- WARNINGS AND PRECAUTIONS
 Conditions that raise urine pH may decrease the urinary elimination of memantine resulting in increased plasma levels of memantine. (5.1, 7.1)

ADVERSE REACTIONS

The most commonly observed adverse reactions occurring at a frequency of at least 5% and greater than placebo with administration of memantine hydrochloride extended-release capsules 28 mg/day were headache, dishrehe and disciness. (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Slate Run Pharmaceuticals, LLC at 1-888-341-9214 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling.
Revised: 5/2024

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FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

Memantine Hydrochloride Extended-Release Capsules are indicated for the treatment of moderate to severe dementia of the Alzheimer's type.

2 DOSAGE AND ADMINISTRATION

2.1 Recommended Dosing

2.1 Recommended Dosiny
The dosage of memantine hydrochloride extended-release capsules shown to be
effective in a controlled clinical trial is 28 mg once daily.
The recommended starting dose of memantine hydrochloride extended-release capsules
is 7 mg once daily. The dose should be accessed in 7 mg increments to the
recommended once the control of t

daly.

Memantine hydrochloride extended-release capsules can be taken with or without food. Memantine hydrochloride extended-release capsules can be taken intact or may be opened, sprinked on applesauce and thereby swalowed. The entire contents of each memantine hydrochloride extended-release capsules should be consumed; the dose should not be divided.

Except when opened and sprinkled on applesauce, as described above, memantine hydrochloride extended-release capsules should not be divided, chiewed, or crushed. If a patient misses a single dose of memantine hydrochloride extended-release capsules should not be divided, chiewed, or crushed. If a patient misses a single dose of memantine hydrochloride extended-release capsules, that patient should not double up on the next dose. The next dose should be taken as scheduled if a plantent fails to take memantine hydrochloride extended-release capsules should not double up on the next dose. The next dose should be taken as scheduled if a plantent fails to take memantine hydrochloride extended-release capsules described above.

2.2 Switching from Memantine Hydrochloride Tablets to Memantine Hydrochloride Extended-Release Capsules

Patients treated with memantine hydrochloride tablets may be switched to memantine hydrochloride extended-release capsules as follows:

It is recummented that a patient which is no a regimen of 10 mg twice day of menantine hydrochoride tables to ewitched to memantine hydrochoride teaches the ewitched to memantine hydrochoride extended release capsules 28 mg once day capsules the day following the last toos or 10 mg memantine hydrochoride tablest. There is no study addressing the comparative efficacy of these 2 regimens.

In a patient with severe renal impairment, it is recommended that a patient who is on a regimen of 5 mg twice daily of memantine hydrochhoride tablets be switched to memantine hydrochoride extended-release capasules 14 mg once daily capsules the day following the last dose of 5 mg memantine hydrochoride tablets.

2.3 Dosing inPatients with Renal Impairment

In patients with severe renal impairment (creatinine clearance of 5 to 29 mL/min, based on the Cockcroft-Gault equation), the recommended maintenance dose (and maximum recommended dose) is 14 mg/day [see Clinical Pharmacology (12.3)].

3 DOSAGE FORMS AND STRENGTHS

- 3 DOSAGE FORMS AND STRENGTHS
 Each capsule contains 7 mg. 14 mg. 21 mg, or 28 mg of memantine hydrochloride, USP.
 The 7 mg capsules are an opaque buff capsule, with "YH" black imprirt on the cap and "123" black imprirt on the body.
 The 14 mg capsules are an opaque buff cap and opaque dark green body capsule, with "YH" black imprirt on the body.
 The 21 mg capsules are an opaque buff cap and opaque dark green body capsule, with "YH" black imprirt on the body.
 The 27 mg capsules are an opaque with cap and "125" black imprirt on the body.
 The 28 mg capsules are a dark green opaque capsule, with "YH" white imprirt on the body.

4 CONTRAINDICATIONS

Memantine Hydrochloride Extended-Release Capsules are contraindicated in patients with known hypersensitivity to memantine hydrochloride or to any excipients used in the formulation.

5 WARNINGS AND PRECAUTIONS

5.1 Genitourinary Conditions

Conditions that raise urine pH may decrease the urinary elimination of memantine resulting in increased plasma levels of memantine [see Drug Interactions (7.1)].

6 ADVERSE REACTIONS

6.1 Clinical Trials Experience

Memantine hydrochloride extended-release capsules were evaluated in a double-blind placebo-controlled trial in which a total of 676 patients with moderate to severe deme of the Abhelmer's type (341 patients on memantine hydrochloride extended-release capsules 28 mg/day and 335 patients on placebo) were treated for up to 24 weeks.

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.

Adverse Reactions Leading to Discontinuation

In the placebo-controlled clinical trial of memantine hydrochloride extended-

capsules, the proportion of patients in the memantine hydrochloride extended-release capsules group and the placebo group who discontinued treatment due to adverse reactions was 10% and 6%, respectively. The most common adverse reaction that lied to treatment discontinuation in the memantine hydrochloride extended-release capsules group was diszness, at a rate of 1.5 and

Most Common Adverse Reactions

The most commonly observed adverse reactions seen in patients administered memantine hydrochloride extended-release capsules in the controlled clinical trail, defined as those occurring at a frequency of at least 5% in the memantine hydrochloride extended-release capsules group and at a frequency higher than placebo, were headache, diarrhea and dizzness.

. Table 1 lists adverse reactions that were observed at an incidence of ≥2% in the memantine hydrochloride extended-release capsules group and occurred at a rate greater than placebo.

Table 1: Adverse Reactions Observed with a Frequency of ≥2% in the Memantine Hydrochloride Extended-Release Capsules Group and

at a Rate Gr	eater than Place	bo			
AdverseReaction	Placebo (n=335) %	Memantine Hydrochloride Extended-Release Capsules 28mg (n=341) %			
Gastrointestinal Disorders					
Diarrhea	4	5			
Constipation	1	3			
Abdominal pain	1	2			
Vomiting	1	2			
Infections andInfestations					
Influenza	3	4			
Investigations					
Weight, increased	1	3			
Musculoskeletal andConnectiveTissueDisorders					
Back pain	1	3			
NervousSystemDisorders					
Headache	5	6			
Dizziness	1	5			
Somnolence	1	3			
PsychiatricDisorders					
Anxiety	3	4			
Depression	1	3			
Aggression	1	2			
Renal and Urinary Disorders					
Urinary incontinence	1	2			
VascularDisorders					
Hypertension	2	4			
Hypotension	1	2			

Seizure

Memantine has not been systematically evaluated in patients with a seizure disorder. In clinical trials of memantine, seizures occurred in 0.3% of patients treated with memantine and 0.6% of patients treated with placebo.

6.2 PostmarketingExperience

The following adverse reactions have been identified during post-approval use of memantine.

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. These reactions include:

Blood and Lymphatic System Disorders: agranulocytosis, leukopenia (including neutropenia), pancytopenia, thrombocytopenia, thrombotic thrombocytopenic purpura.

Cardiac Disorders: cardiac failure congr Gastrointestinal Disorders: pancreatitis

Hepatobiliary Disorders: hepatitis.

Psychiatric Disorders: suicidal ideation

Renal and Urinary Disorders: acute renal failure (including increased creatinine and renal insufficiency).

7.1 Drugs That Make Urine Alkaline

The clearance of memantine was reduced by about 80% under alkaline urine conditions at pH 8. Therefore, after altors of urine pH towards the alkaline condition may lead to an at pH 8. Therefore, after altors of urine pH towards the alkaline condition may lead to an by diet, drugs (e.g., carbonic anhybras inhibitors, soluble backronkel and clinical state of the patient (e.g., renal tubular acidosis or severe infections of the urinary tract). Hence, memantine should be used with caution under these conditions.

7.2 Use withOther N-methyl-D-aspartate (NMDA) Antagonists

The combined use of memantine hydrochloride extended-release capsules with other NMDA antagonists (amantadine, ketamine, and dextromethorphan) has not been systematically evaluated and such use should be approached with caution.

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

There are no adequate data on the developmental risk associated with the use of memantine hydrochloride extended-release capsules in pregnant women.

Adverse developmental effects (decreased body weight and skeletal ossification) were observed in the offspring of rats administered memantine during pregnancy at doses associated with minimal maternal toxicity. These doses are higher than those used in humans at the maximum recommended daily dose of men hydrochorized sentended releases capacitys. [See Data].

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

Data Animal Data

Oral administration of memantine (0, 2, 6, or 18 mg/kg/day) to rats during the period of organogenesis resulted in decreased skeletal ossificationin fetuses at the highest dose tested. The higher no-effect dose for adverse developmental effects (6 mg/kg) is 2 times the maximum recommended human dayly dose (MRHD) of memantine hydrochloride extended-release capsules (28 mg) on a body surface area (mg/m ²) basis.

Oral administration of memantine to rabbits (0, 3, 10, or 30 mg/kg/day) during the period of organogenesis resulted in no adverse developmental effects. The highest dose tested is approximately 20 times the MRHD of memantine hydrochloride extended-release capsules on a mg/m 2 basis.

* basis.

In rats, memantine (0, 2, 6, or 18 mg/kg/day) was administered anally prior to and throughout mating and, in females, through the period of organogenesis or continuing throughout lactation to weaning. Decreased skeletal ossification in fetuses and decreased body weight in pups were observed at the highest dose tested. The higher notifiect dose for adverse developmental effects (6 mg/kg/day) is 2 times the MRHD of memantine hydrochloride extended-release capsules on a mg/m 2 basis.

Oral administration of memantine (0, 2, 6, or 18 mg/kg)day) to rats from late gestation throughout lactation to wearing, resulted in decreased pup weights at the highest dose tested. The higher no-effect dose (6 mg/kg/day) is approximately 2 times the MRHD of memantine hydrochridred extended-releases capacities on an ignit – basis.

8.2 Lactation

There are not data on the presence of memantine in human milk, the effects on the breastfed infant, or the effects of memantine hydrochioride extended-release capsules on milk production.

The developmental and health bearing for breastfeedings should be considered along with the mother's clinical need for memantine and any potential adverse effects on the breastfeed hand from memantine hydrochloride extended-release capsules or from the underlying material condition.

8.4 Pediatric Use

Memanthe failed to demonstrate efficacy in two 12-week controlled clinical studies of 578 pediatric patients aged 6 to 12 years with autism spectrum disorders (ASD), including autism, Apequery a disorder and Pervasive Development Disorder-Not Otherwise Specified (PDD-NOS) Memantine has not been studied in pediatric patients of the pediatric patients of t

respectively.

In a randomized, 12-week double-blind, placebo-controlled parallel study (Study A) in patients with autism, there was no statistically significant difference in the Social Responstwense Scale (SSS) total raw score between pealents randomized to memantine randomized or memantine randomized withdrawal study (Study B) in 471 patients with ASD, there was no statistically significant difference in the loss of therapeutic response rates between patients randomized to remain on full-dose memantine (n=153) and those randomized to with 10 places to mixth 10 places to mix

The overall safety profile of memantine in pediatric patients was generally consistent with the known safety profile in adults [see Adverse Reactions (6.1)].

In Study A, the adverse reactions in the memantine group (n=56) that were reported in at least 5% of patients and at least twice the frequency of the placebo group (N=58) are listed in Table 2.

Table 2: Study A Commonly Reported Adverse Reactions with a Frequency ≥5% and Twice That of Placebo

Memantine N=56	Placebo N=58		
8.9%	3.4%		
7.1%	3.4%		
5.4%	0%		
5.4%	1.7%		
e toAdversel	Reactionsa		
3.6%	1.7%		
1.8%	3.4%		
	N=56 8.9% 7.1% 5.4% 5.4% toAdversel 3.6%		

^aReported adverse reactions leading to discontinuation in more than one patient in either treatment group.

The adverse reactions that were reported in at least 5% of patients in the 12 to 48 week open-label study to identify responders to enroll in Study B are listed in Table 3.

Table 3: 12 to 48 Week Open Label Lead-In study to Study B Commonly Reported Adverse Reactions with a Frequency ≥5%

neactions with	a rrequency 25%
AdverseReaction	Memantine N=903
Headache	8.0%
Nasopharyngitis	6.3%
Pyrexia	5.8%
Irritability	5.4%
Discontinuations due	e toAdverseReactions ^a
Irritability	1.2%
Aggression	1.0%
a At least 1% incidence of	f adverse reactions leading

In the randomized withdrawal study (Study B), the adverse reaction in patients randomized to placebo (n=160) and reported in at least 5% of patients and twice that of the full-dose memantine treatment group (n=157) was irritability (5.0% vs 2.5%).

Juvenile Animal Study

Juvenie Anniel Study
I in a juvenie annie study, male and female juvenie rats were administered memantine
(15, 30, and 45 mg/kg/day) starting on postinatel day (PMD) 14 through PMD 70. Body
(15, 30, and 45 mg/kg/day) starting on postinatel day (PMD) 14 through PMD 70. Body
and female rats 4 doses = 30 mg/kg/day, Memantine induced neuronal lesions in severa
areas of the brain on PMD 15 and 17 at doses = 30 mg/kg/day. Behantine induced neuronal lesions in severa
areas of the brain on PMD 15 and 17 at doses = 30 mg/kg/day. Behantine intoole for animals in the 45
mg/kg/day dose group. The 15 mg/kg/day dose was considered the No-ObservedAdverses-Efricat-Level (NoAE) for the study.

averse-Ertect-Level (NOAE) for this study.

In a scend juvenile rat toxicity study, make and female juvenile rats were administered memantine (1, 3, 8, 15, 9), and 45 mg/kg/day) starting on postnatal day (PNID)? through PNID 70. Due to early memantine-related mortally, the 30 and 45 mg/kg/day dose groups were terminated without further evaluation. Memantine induced apoptosis in the second startine induced apoptosis. The second startine induced apoptosis is mg/kg/day, postnation and second startine induced apoptosis. The mg/kg/day her NoAEI for apoptosis and neuronal despenation was 8 mg/kg/day. Behavioral toxicity (effects on motor activity, auditory startle habituation, and learning and memory) was noted at doses 2 mg/kg/day dose was considered the NOAEI for the neurobehavioral effect in the study.

8.5 Gerhatric Use
The majorty of people with Alzheimer's disease are 65 years of age and older. In the clinical study of memantine hydrochioride extended-release, the mean age of patients was approximately 77 years; over 91% of patients were 65 years and older, 67% were 75 years and older, and 14% were at or above 85 years of age. The efficacy and safely data presented in the clinical trial sections were obtained from these patients. There were no chirally meaningful differences in most adverse reactions reported by patient groups 265 years old and 455 years of old.

No dosage adjustment is needed in patients with mild or moderate renal impairment. A dosage reduction is recommended in patients with severe renal impairment [see Dosage and Administration (2.3) and Clinical Pharmacology (12.3)].

8.7 Hepatic Impairment

No dosage adjustment is needed in patients with mild or moderate hepatic impairment. Memantine hydrochloride extended-release capsules were not studied in patients with severe hepatic impairment [see Clinical Pharmacology (12.3)].

Signs and symptoms most often accompanying overdosage with other formulations of memanthe in clinical trials and from worldwide marketing experience, abone or in combination with other drugs and/or acholo, include agation, asthenia, bradycardia, confusion, coma, dizziness, EGG changes, increased blood pressure, letharry, loss of consciousness, psychosias, restlessiness, slowed movement, somnolence, support, unsteady galt, visual halucrations, vertigo, vomiting, and weakness. The largest thour impacts not memanative worldwide was 2 grams in a patient who took memanative in conjunction with unspecified antidiabetic medications. This patient experienced coma, diplopa, and agation, but subsequently recovered.

One patient participating in a memantine hydrochloride extended-release capsules clinical trial unintentionally took 112 mg of memantine hydrochloride extended-release capsules daily for 31 days and experienced an elevated serum uric acid, elevated serum alkaline phosphatase, and low platelet count.

. Fatal outcome has been very rarely reported with memantine, and the relationship to memantine was unclear.

Because strategies for the management of overdose are continually evolving, it is advisable to contact a poison control center to determine the latest recommendation for the management of an overdose of any drug. As in any cases of overdose, ger supportive measures should be utilized, and treatment should be symptomatic.

Elimination of memantine can be enhanced by acidification of urine.

11 DESCRIPTION

Memantine hydrochloride is an orally active NMDA receptor antagonist. The chemical name for memantine hydrochloride is 1-amino-3,5-dimethyladamantane hydrochloride with the following structural formula:



The molecular formula is C $_{12}$ H $_{21}$ N+HCl and the molecular weight is 215.76. Memantine hydrochloride, USP occurs as a fine white to off-white powder and is soluble in water.

inguactionate, some cuts as a time wine until officer and as soluble in water Memantine Hydrochloride Extended-Release Cappulses are supplied for oral administration as 7 mg, 14 mg, 21 mg, and 28 mg cappulse, Each cappule contains following hatche projections: amount mydroxide, ethycelluses, hydrocyethyl cellulose, hydromelose, medium chain triglycendes, olec acid, polyethylene glycol, sugar spheres and tack.

The capsule shell contains FD&C blue 1 (14 mg, 21 mg, 28 mg), FD&C yellow 6 (14 mg, 21 mg, 28 mg), gelatin, titanium dioxide and yellow iron oxide (7 mg, 14 mg).

The imprinting ink contains black iron oxide (7 mg, 14 mg, 21 mg), potassium hydroxide (7 mg, 14 mg, 21 mg), shellac and titanium dioxide (28 mg).

12.1 Mechanismof Action

accommendation and a second se

12.2 Pharmacodynamics

ALC Printmacouysamus.

Memantine showed by to negligible affinity for GABA, benzodiazepine, dopamine, addrenerge, histamine and glycine receptors and for voltage-dependent Ca. ^{2*}, Na. *, or K-channels, Memantine also showed antagonistic effects at the SHT preceptor with a potiency similar to that for the NMDA receptor and blocked neotinic acetylcholine receptors with one seith to one-tenth the potiency.

In vitrostudies have shown that memantine does not affect the reversible inhibition of acetylcholinesterase by donepezil, galantamine, or tacrine.

12.3 Pharmacokinetics

Memantine is well absorbed after oral administration and has linear pharmacokisetics over the tharquest does range. It is excreted preformative funchanged in urine and has a terminal elimination half-life of about 60 to 80 hours. In a study comparing 28 mg once dally memantine hydrochisride extended-release capsules to 10 mg twice daily memantine hydrochisride extended-release capsules to 10 mg twice daily memantine hydrochisride tablets, the C majand AUC o_availuse were 48% and 33% higher for the extended-release dosager regimen, respectively.

After multiple dose administration of memantine hydrochloride extended-release capsules, memantine peak concentrations occur around 9 to 12 hours post-dose. There is no difference in the absorption of memantine hydrochloride extended-release capsules when the capsule is taken intact or when the contents are sprinkled on applesauce.

repursauxe:.

There is not difference in memantine exposure, based on C max or AUC, for memant hydrochloride extended-release capsules whether that drug product is administere with food or on an empty stomach. However, peak plasma concentrations are achia about 18 hours after administration with food versus approximately 25 hours after administration and may the summach.

The mean volume of distribution of memantine is 9 to 11 L/kg and the plasma protein binding is low (45%).

Elimination

Metabolism

Memantine undergoes partial hepatic metabolism. The hepatic microsomal CYP450 enzyme system does not play a significant role in the metabolism of memantine. Excretion

Excretion Memanthe is excreted predominantly unchanged in the urine and has a terminal elimination half-life of about 60 to 80 hours. About 48% of administered drug is excreted unchanged in urine, the remainder is converted primarily to there polar metabolities which possess minimal NMDA receptor antagonistic activity: the N-glucuronide conjugate, 6-hydroxy-memantine, and 1-nitroso-deaminated memantine. A total of 74% of the administered dose is excreted as the sum of the parent drug and the N-glucuronide conjugate. Renal clearance involves active tubulsr scretch on moderated by

pH dependent tubular reabsorption

SpecificPopulations

The pharmacokinetics of memantine in young and elderly subjects are similar

Following multiple dose administration of memantine hydrochloride 20 mg daily, females had about 45% higher exposure than males, but there was no difference in exposure when body weight was taken into account.

Renal Impairment

Renal Impartment
Memantine pharmacokinetics were evaluated following single oral administration of
20 mg memantine hydrochioride in 8 subjects with mild renal impairment (creations
clearance, Cur., 25,50 to 80 mL/min), 8 subjects with moderate renal impairment (CLC 30
clearance, Cur., 25,50 to 80 mL/min), 8 subjects with moderate renal impairment. (Euc 30
healthy subjects (CLC > 80 mL/min) matched as closely as possible by age, weight and
gender to the subjects with renal impairment. Mean AUC o_increased by 4%, 60%, and
115% in subjects with mild, moderate, and severe renal impairment, respectively,
compared to healthy subjects. The derate, and severe renal impairment, respectively,
compared to healthy subjects. The Marchael impairment, respectively,

Hepatic Impairment

Hepatic Impartment Memantine pharmacokinetics were evaluated following the administration of single oral doses of 20 mg in 8 subjects with moderate hepatic impairment (Child-Pugh Class 8, score 7 to 9) and 8 subjects with owere age-, gender-, and weight-matched to the hepatically-impaired subjects. There was no change in memantine exposure (based on Child majard AUC) is subjects with moderate hepatic impairment as compared with healthy subjects. However, terminal elimination hall-file increased by about 15% in subjects with moderate hepatic impairment as compared with healthy subjects.

Drug-Drug Interactions
Use with Cholinesterase Inhibitors

Use with Cholmesterase Inhibitors

Cadministration of memantine with the AChE inhibitor donepezil did not affect the pharmacokinetics of either compound. Furthermore, memantine did not affect AChE inhibition by donepezil in a 24-week controlled clinical study in patients with moderal sewere Altheimer's disease, the adverse reaction profile observed with a combination memantine inmediate-release and donepezil was similar to that of donepezil alone.

Effect of Memantine on the Metabolism of Other Drugs

Literature Conditional Control of the Condition of the Condi

In the control of the

Pharmacolinets studies evaluated the potential of memantine for interaction with warfarn and bupropion. Memantine did not affect the pharmacolinets of the CYP26 substrate bupropion or is metabolic hydroxybupropion. Furthermore, memantine did not affect the pharmacokinets or pharmacodynamics of warfarn as assessed by the protromotin IMR.

Effect of Other Drugs on Memantine

Memantine is predominantly renally eliminated, and drugs that are substrates and/or inhibitors of the CYP450 system are not expected to alter the metabolism of memantine Drugs Eliminated via Renal Mechanisms

Drugs Emmated va Renal Mechanisms
Because memantine is eliminated by a part by tubular secretion, coadministration of drugs
that use the same renal cationic system, including hydrochlorothisacide (HCT2),
trainstemen (FA), medformin, cimetidien, randizine, qualified, and nicotine, could
train the renal ren

Because the plasma protein binding of memantine is low (45%), an interaction with drugs that are highly bound to plasma proteins, such as warfarin and digoxin, is unlikely.

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

There was no evidence of carcinogenicky in a 113-week oral study in mice at doses up to 40 mg/sg/day // Utness the maximum recommended human dose [MRHD] on a mg/m Pasis]. There was also no evidence of carcinogenichy in rats oraly dosed at up to 040 mg/sg/day (to 71 weeks followed by 20 mg/sg/day (14 and 7 times the MRHD on a mg/m Pasis, respectively) through 120 weeks.

Mutagenesis

Memantine produced no evidence of genotoxic potential when evaluated in the in vitro 5.typhinurumor E. colleverse mutation assay, an in vitrochromosomal aberration test in human hymphocytes, an in vivocytogenetics assay for chromosome damage in rats, and the in vivormouse micronucleus assay. The results were equivocal in an in vitrogene mutation assay using Chinese hamster VP3 cels.

No impairment of fertility or reproductive performance was seen in rats administer to 18 mg/kg/day (6 times the MRHD on a mg/m ² basis) orally from 14 days prior t mating through gestation and lactation in females, or for 60 days prior to mating it males

1.1.2. Animal loxicoopyano(or harmacology Memanthie induced neuronal lesions (vacuolation and necrosis) in the multipolar and pyramidal cells in cortical layers III and IV of the posterior cinguiste and retrosplenial neacortices in rats, similar to those which are known to occur in rodents administer other NINDA receptor antagonists. Lesions were seen after a single dose of memantic in a study in which rats were given aday oral doses of memantic for 14 days, the no effect dose for neuronal necrosis was 4 times the maximum recommended human of (WRHO of 28 negliday) on an signi Posterio.

In acute and repeat-dose neurotoxicity studies in female rats, or al administration of memantine and donepezi in combination resulted in increased incidence, severty, a distribution of neurodegeneration compared with memantine alone. The no-effect is of the combination were associated with clinically relevant plasma memantine and donepezi exposures.

The relevance of these findings to humans is unknown

The effectiveness of memantine hydrochloride extended-release capsules as a treatment for patients with moderate to severe Alzheimer's disease was based on the results of a double-blind, placebo-controlled trial.

double-blind, placebo-controlled trial. 24-week. Study. Almenatine Hydrochioride Extended-Release Capsules. This was a randomized double-blind clinical investigation in outpatients with moderate to severe Alchiemer's disease (diapposed by DSHMV criteria and NINCDS-ADRDA criteria for AD with a Mini Mental State Examination (MMRE) score = 3 and 31 at Screening and months prior to screening. The mean age of patients participating in the trill was 76.5 years with a range of 49 to 97 years. Approximately 72% of patients were female and 94% were Caucaston.

Study Outcome Measures

The effectiveness of memantine hydrochloride extended-release capsules was evaluated in this study using the co-primary efficacy parameters of Severe Impairment Battery (SIB) and the Clinician's Interview-Based Impression of Change (CIBIC-Plus).

(SIB) and the Clinician's Interview-Based Impression of Change (CIBIC-Plus). The ability of menantine hydrochorize extended-réase capsules to improve cognitive performance was assessed with the Severe Impairment Battery (SIB), a multi-tem instrument that has been validated for the evaluation of cognitive function in patients with moderate to severe dementia. The SIB examines selected aspects of cognitive performance, including elements of attention, orientation, language, memory, visuospatial ability, construction, praxis, and social interaction. The SIB scoring range is from 0 to 100, with bure scores including greater cognitive impairment.

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Study Results

The this study, 677 patients were randomized to one of the following 2 treatments: memantine hydrochloride extended-release capsules 28 mg/day or placebo while still receiving an AChEI (either donepezil, galantamine, or rivastigmine).

Effects on Severe Impairment Battery (SIB) Effects on Sewere Impartment Battery (JSBI). Figure 1 shows the time course for the change from baseline in SIB score for the two treatment groups completing the 24 weeks of the study. At 24 weeks of treatment, the mean difference in the SIB changes corcers for the memantine hydrochloride extended-release capsules 28 mg/AChE-treated (combination therapy) patents compared to the patients on placebod/ACEI (monotherapy) was 2.6 units. Using an LOET analysis, memantine hydrochloride extended-release capsules 28 mg/AChEI treatment was statistically significantly superior to placebo/AChEI.

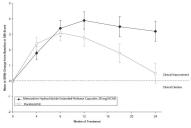


Figure 1: Time course of the change from baseline in SIB score for patients completing 24 weeks of treatment

24 weeks of *Useument*. Figure 2 shows the cumulative percentages of patients from each treatment group who had attained at least the measure of improvement in SIB score shown on the X axs. The Capable 28 mg/ACRE and patiench ACRE have a wide range of responses, but that the menantine hydrochloride extended-release capsules 28 mg/ACRE ligroup is more likely to show an improvement or a namler define.

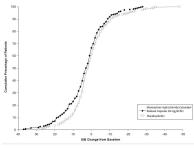


Figure2: Cumulative percentage of patients completing 24weeks ofdouble-blind treatment with specified changes from baseline in SIB scores

treatment with specified changes from baseline in SIB scores Figure 3 shows the time course for the IGIR-Plus score for patients in the two treatment groups completing the 24 weeks of the study. At 24 weeks of treatment, the mean difference in the IGIR-Plus scores for the menantine hydrochorized extended-release capsules 28 mg/ACIR-I treated patients compared to the patients on placebol/ACIR-I word 30 units. Listing and LIOT analysis, memantine hydrochorized extended-release capsules 28 mg/ACIR-I treatment was statistically significantly superior to placebol/ACIR.

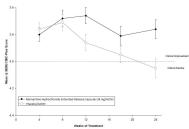


Figure 3: Time course of the CIBIC-Plusscore for patients completing 24 weeks of treatment

Figure 4 is a histogram of the percentage distribution of CIBIC-Plus scores attained by patients assigned to each of the treatment groups who completed 24 weeks of treatment.

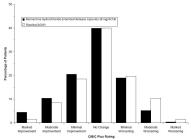


Figure 4: Distribution of CIBIC-Plus ratings at week 24

16 HOW SUPPLIED/STORAGE AND HANDLING

Memantine Hydrochloride Extended-Release Capsules contain 7 mg, 14 mg, 21 mg or 28 mg of memantine hydrochloride, USP.

<u>The Capsule</u>
Opaque buff capsule, with "YH" black imprint on the cap and "123" black imprint on the body.

Bottle of 30 capsules with a child-resistant closure: NDC 70436-054-04

14 mc Capsule
Opaque buff cap and opaque dark green body capsule, with "YH" black imprint on the
cap and '124" black imprint on the body.
Bottle of 30 capsules with a child-resistant closure: NDC 70436-055-04
Bottle of 90 capsules with a child-resistant closure: NDC 70436-055-06

21 mg Capsule
Opaque white cap and opaque dark green body capsule, with "YH" black imprint on the cap and 125 Plack imprint on the body.
Bottle of 30 capsules with a child-resistant closure: NDC 70436-056-04

28 mg Capsule
Dark green opaque capsule, with "YH" white imprint on the cap and "126" white imprint
on the body.
Bottle of 30 capsules with a child-resistant closure: NDC 70436-057-04
Bottle of 90 capsules with a child-resistant closure: NDC 70436-057-06

Store at 20° to 25°C (68° to 77°F); excursions permitted to 15° to 30°C (59° to 86°F) [see USP Controlled Room Temperature]. Dispense in a tightly closed container as defined in the USP with a child-resistant closure.

Keep Memantine Hydrochloride Extended-Release Capsules and all medicines out of the reach of children.

- 17 PATIENT COUNSELING INFORMATION

 Advise the patient to read the FDA-approved patient labeling (Patient Information).

 To assure safe and effective use of memantine hydrochloride extended-release capsules, the information and instructions provided in the patient information section should be discussed with patients and caregivers.

 Instruct patients and caregivers to take memantine hydrochloride extended-release

 Instruct patients and caregivers to take memantine hydrochloride extended-release capsules may be opened and sprinked on applications and caregivers should not be consumed. The capsules should not be divided, chewed or crushed.

 Warn patients not to use any capsules of memantine hydrochloride extended-release capsules that are demanged or show signs of lamper efforts described extended-release capsules that are demanged or show signs of lamper efforts described extended-release capsules that he demanged or show signs of lamper divide extended-release capsules, that patient should not double up on the next dose. The next dose should be taken as scheduled. If a patient fals to take meantine hydrochloride extended-release capsules for several days, dosing should not be resumed without consulting that patients should not several days, dosing should not be resumed without consulting that patients shealbacer professional.

capsules may cause headache, diarrhea, and dizziness

Manufactured by: Yichang Humanwell Oral Solid Dosage Plant Yichang, Hubei, China 443001

Distributed by: Slate Run Pharmaceuticals, LLC Columbus, Ohio 43215 Revised: 03/2024

Memantine Hydrochloride (me-MAN-teen HYE-droe-KLOR-ide) Extended-Release Capsules

Read this Palient Information that comes with memoritie hydrochioride extended-release capusite before you start starbing it and each time you get a refil. There may be new information. This information does not take the place of talking to your doctor about your medical condition or your treatment.

What are memantine hydrochloride extended-release capsules?

Memantic hydrochioride extensed-release spulles are perfection medicine used memory of the perfection of the perfection medicine used perfection of the pe

Do not take memantine hydrochloride extended-release capsules if youare allergic to memantine or any of the other ingredients in memantine hydrochloride extended-release capsules. See the end of this leaflet for a complete list of ingredients memantine hydrochloride extended-release capsules.

What should I tell my doctor before taking memantine hydrochloride extended-release capsules?

- extended-release capsules?

 Before you take memanthe hydrochloride extended-release capsules, tell
 your doctor if you:

 have or have had setures

 have or have had problems passing urine

 have or have had bladder or kidney problems

 have or have had bladder or kidney problems

 have any other medical conditions

 have any other medical conditions

 are pregnant or plan to become pregnant. It is not known if memantine hydrochloride
 extended-release capsules will harm your unborn baby.

 are breast feeding or plan to become street did. It is not known if memantine passes into
 your breast mik. Talk to your doctor about the best way to feed your baby if you
 take memantine hydrochloride extended-release capsules.

Tell your doctorabout all themedicines youtake, including prescription and non-prescription medicines, vitamins, and herbal supplements.

Taking memantine hydrochloride extended-release capsules with certain other medicines may affect each other. Taking memantine hydrochloride extended-release capsules with other medicines can cause serious side effects.

- unter meutines can cause serious size enecus.

 other NMDA antagonists such as amantadine, ketamine, and dextromethorphan

 medicines that make your urine alkaline such as carbonic anhydrase inhibitors and sodium bicarbonate

Ask your doctor or pharmacist for a list of these medicines, if you are not sure. Know the medicines you take. Keep a list of them to show your doctor and pharmacist when you get a new medicine.

- when you get a riew "mach.

 Now should I take memantine hydrochloride extended-release capsules?

 Your doctor will tell you how much memantine hydrochloride extended-release capsules to take and when to take it needed.

 Your doctor may change your dose if needed.

 Wemantine hydrochloride extended-release capsules may be taken with food or
- Memantine hydrochloride extended-release capsules may be taken with food or without food.
 Memantine hydrochloride extended-release capsules may be opened and sprinked on applessance before swaldowing, but the contents of the entire capsules should be taken applessance, memantine hydrochloride extended-release capsules must be swallowed whole and never crushed, divided or chewed.
 Do not use any capsules of memantine hydrochloride extended-release capsules that are damaged or show signs of tampering.
 If you are currently taking another formulation of memantine, talk to your healthcare professional about how to switch to memantine hydrochloride extended-released.

- If you forget to take one dose of memantine hydrochloride extended-release capsules, do not double up on the next dose. You should take only the next dose as
- capsules, do not double up on the next dose. You should take only the next dose at 1 you due.

 If you do not not not not never the next dose at 1 you due, the next dose at 1 you due, the next dose at 1 you due, to you do not next dose until you take to you do ctor. If you take to own the meanther hydrochoirde extended-release capsules, cal your doctor or poison control center at 1-800-222-1222, or go to the nearest hospital emergency room right away.

What are the possible side effects of memantine hydrochloride extended-release capsules?

Memantine hydrochloride extended-release capsules may cause side effects, including:

enectors of memantine hydrochloride extended-release capsules

headache
durhea
durhea
durhes

These are not all the possible side effects of memantine hydrochloride extended-release capsules. 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 memantine hydrochloride extended-release capsules?

Store at 20° to 25°C (68° to 77°F); excursions permitted to 15° to 30°C (59° to 86°F) [see USP Controlled Room Temperature]

Keep memantine hydrochloride extended-release capsules and all medicines out of the reach of children.

What are the ingredients in memantine hydrochloride extended-release capsules?

Active ingredient: memantine hydrochloride

Inactive ingredients: mentantune injuriocinoriae
Inactive ingredients: ammonium hydroxide, ethylcellulose, hydroxyethyl cellulose,
hypromellose, medium chain triglycerides, oleic acid, polyethylene glycol, sugar spheres
and talc.

and use.

The capsule shel contains FD&C blue 1 (14 mg, 21 mg, 28 mg), FD&C yellow 6 (14 mg, 21 mg, 28 mg), gelatin, titanium dioxide and yellow iron oxide (7 mg, 14 mg).

The imprinting ink contains black iron oxide (7 mg, 14 mg, 21 mg), potassium hydroxide (7 mg, 14 mg, 21 mg), sheliac and ttanium dioxide (28 mg).

General information about the safe and effective use of memantine hydrochloride extended-release capsules:

ingurucinoriate externae-retease capsuses:

Medicines are sometimes prescribed for purposes other than those listed in a Patient Information leaffet. Do not take memantine hydrochloride extended-release capsules for a condition for which it was not prescribed. Do not give memantine hydrochloride extended-release capsules to other people, even if they have the same condition. It may harm them.

This Patient Information leaflet summarizes the most important information about memanthe hydrochhoride extended-release capsules. If you would like more information talk with your doorsor or pharmaction related with your doorsor or pharmaction about memanthe hydrochhoride extended-release capsules that was written for healthcare professionals.

For more information about memantine hydrochloride extended-release capsules, please call State frun Pharmaceutricals, LLC at 1-888-341-9214.

This Patient Information has been approved by the U.S. Food and Drug Administration. For additional copies of the Medication Guide, please visit www.stetrunpharma.com/products/.

Manufacturesh 1

Manufactured by: Yichang Humanwell Oral Solid Dosage Plant Yichang, Hubei, China 443001

Distributed by: Slate Run Pharmaceuticals, LLC Columbus, Ohio 43215 Revised: 03/2024

PRINCIPAL DISPLAY PANEL - 7 mg

NDC 70436-054-04

30 capsules Rx only



30 capsules Rx only

Once-Daily Memantine Hydrochloride Extended-Release Capsules, 14 mg



NDC 70436-055-06

90 capsules Rx only

Once-Daily Memantine Hydrochloride Extended-Release Capsules, 14 mg



PRINCIPAL DISPLAY PANEL - 21 mg

30 capsules Rx only

Once-Daily
Memantine Hydrochloride Extended-Release Capsules, 21 mg



PRINCIPAL DISPLAY PANEL - 28 mg

NDC 70436-057-04

30 capsules Rx only

Once-Daily
Memantine Hydrochloride Extended-Release Capsules, 28 mg



NDC 70436-057-06

Once-Daily Memantine Hydrochloride Extended-Release Capsules, 28 mg



Product Inform	ation							
Product Type		HUMAN PRESCRIPTION DRUG	Item C	ode (Source)	NDC:3	NDC:70436-054		
Route of Administ		ORAL		,				
Route of Administ	tration	ONE						
Active Ingredie	nt/Activ	e Moiety						
	Ingi	redient Name		Basis of St	rength	Streng		
MEMANTINE HYDRO UNI:W8017SJF3T)	CHLORIDE	(UNII: JYOWDOLIAGO) (MEMANTINE		MEMANTINE HYDROCHLORID	E	7 mg		
Inactive Ingredi	ients							
		Ingredient Name			S	trength		
AMMONIA (UNI: 5138								
		ED (UNI: 7Z8S9VYZ4B)						
FERRIC OXIDE YELL								
FERROSOFERRIC OX GELATIN (UNII: 2G860		XMUM8/F35/)						
		UNSPECIFIED (UNII: T4V6TWG28	D.					
HYPROMELLOSE, UN			D)					
MEDIUM-CHAIN TRIC								
OLEIC ACID (UNI: 2U		J (OMI. CHILLIATO)						
POLYETHYLENE GLY		UNII: 86978945GO)						
POLYETHYLENE GLY								
POTASSIUM HYDROX	XIDE (UNII:	WZH3C48M4T)						
SHELLAC (LINE: 46N1)	078710)							
TALC (UNI: 7SEV7)4RI TITANIUM DIOXIDE (IV2JP)						
TALC (UNI: 7SEV7)4R		IV(2)P)						
TALC (UNI: 7SEV7)4RI TITANIUM DIOXIDE (UNII: 15F00							
TALC (UNI: 75EV7)4RC TITANIUM DIOXIDE (Product Charac	teristic:	3						
TALC (UNI: 75EV7)4R: TITANIUM DIOXIDE (Product Charac Color	teristic:		Score		no so			
TALC (UNI: 75 EV7)4R: TITANIUM DIOXIDE (Product Charac Color Shape	teristic:	3	Size		14mr	n		
TALC (UNI: 7SEV7)4R3 TITANIUM DIOXIDE (teristic:	3		Code		n		
TALC (UNI: 75EV7)4RC TITANIUM DIOXIDE (Product Charac Color Shape Flavor	teristic:	3	Size	Code	14mr	n		
TALC (UNI: 75 EV7)4R: TITANIUM DIOXIDE (Product Charac Color Shape	teristic:	3	Size	Code	14mr	n		
TALC (UNI: 7SEV7)AR TITANIUM DIOXIDE (Product Charac Color Shape Flavor Contains	teristic:	3	Size	Code	14mr	n		
TALC (UNI: 7SEV7)AR TITANIUM DIOXIDE (Product Charac Color Shape Flavor Contains	teristic: yellow (bi CAPSULE	3	Size Imprint (Code eting Start Date	14mr YH;12	n 13		
TALC (UMI: 75EV7)HR TITANIUM DIOXIDE (Product Charac Color Shape Flavor Contains Packaging # Item Code , NOC:70436:054 3	teristic: yellow (b CAPSULE	s uff (opaque))	Size Imprint (eting Start Date	14mr YH;12	n 13		
TALC (UMI: 75EV7)HR TITANIUM DIOXIDE (Product Charac Color Shape Flavor Contains Packaging # Item Code , NOC:70436:054 3	teristic: yellow (br CAPSULE P	s aff (opaque)) ackage Description	Size Imprint (eting Start Date	14mr YH;12	n 13		
TALC (UMI: 75EV7)4R TITANIUM DIOXIDE (Product Charac Color Shape Flavor Contains Packaging # Item Code 1 NOC:70436-054-3	teristic: yellow (br CAPSULE P polio in 1 BOT Yroduct	s iff (opaque)) ackage Description TLE; Type 0: Not a Combination	Size Imprint (eting Start Date	14mr YH;12	n 13		
TALC (UMI: 75EV7)HR TITANIUM DIOXIDE (Product Charac Color Shape Flavor Contains Packaging # Item Code , NOC:70436:054 3	teristic: yellow (br CAPSULE P P R O in 1 BOT Yroduct	s iff (opaque)) ackage Description TLE; Type 0: Not a Combination	Mark	eting Start Date	Marke D	n 13		

HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:70436-055
ORAL		
		HUMAN PRESCRIPTION DRUG Item Code (Source)

			nt/Active					
A	tive Ing	redie		Moiety edient Name		Basis of S		£4
м	MANTINE	HYDRO		JUNI: JYOWDOUAGO) (MEMANTINE -	MEMANTINE			
UN	II:W8017SJI	3T)		,		HYDROCHLORU	Œ	14 mg
In	active I	ngred	ients					
				Ingredient Name D (UNI: 7Z8S9V/Z4B)			S	trength
			OW (UNI: E)					
			GDE (UNII: X					
			JNII: H3847K					
FD	&C YELLO	w NO.	6 (UNII: H77	VEI93A8)				
	LATIN (UNI							
				NSPECIFIED (UNI: T4V6TWG28D)				
				(UNII: 3NXW29V3WO)				
	DIUM-CHA			(UNI: C9H2L21V7U)				
				INII: B697894SGQ)				
				INI: 86978945GQ)				
				VZH3C48M4T)				
	ELLAC (UN							
TA	LC (UNI: 7	EV7J48	10)					
			UNII: 15FX9	v2jP)				
A٨	IMONIA (UI	VII: 513	3Q19F1X)					
Fla	ape	CAPSI	JLE			Size Imprint	Code	14mm YH;124
Co	ntains							
P	ckaging	,						
#	Item Co	de	Pa	ckage Description	Marke	ting Start Date		ting End
1	NDC:70436 04	-055-	00 in 1 BOTT Product	LE; Type 0: Not a Combination	11/15/202			
	NDC:70436 06		00 in 1 BOTT Product	LE; Type 0: Not a Combination	11/15/202	1		
М	arketi	ng Ir	nformat	tion				
	Marketi Catego	ing ry		tion Number or Monograph Citation		keting Start Date	Marke	ting End Date
AN	DA		ANDA21110	10	11/15/2	1021		
_								
				PCHLORIDE psule, extended release				
P	roduct I	nform	ation					
	oduct Ty			HUMAN PRESCRIPTION DRUG	ltom C	ode (Source)	NDC-1	0436-056
	ute of Ac			ORAL	nem C	Jue (Jource)	ALC	
100	uce of Ac	ımınis'	tration					
۸,	tive Inc	radia	nt/Active	Moiety				
-	mg			dient Name		Basis of S	trenath	Streng

Product							
Product T	/pe	HUMAN PRESCRIPTION DRUG	Ite	em Code (Sour	ce) N	DC:7	0436-056
Route of A	idministra	tion ORAL					
Active In	gredient	Active Moiety					
		Ingredient Name		Basis o	f Streng	th	Streng
MEMANTINE UNII:W8017S		ILORIDE (UNII: JYOWDOUA60) (MEMANTINE -		MEMANTINE HYDROCHL			21 mg
Inactive	Ingredier	nts					
		Ingredient Name				5	trength
AMMONIA (
		SPECIFIED (UNI: 7Z8S9VYZ4B)					
		E (UNII: XMOM87F357)					
		: H3R47K3TBD)					
		UNII: H77VEI93A8)					
GELATIN (U							
		ILOSE, UNSPECIFIED (UNI: T4V6TWG28D) PECIFIED (UNI: 3NXW29V3WO)					
MEDIUM-CH	IAIN TRIGLY	CERIDES (UNII: C9H2L21V7U)					
OLEIC ACID							
POLYETHYL	ENE GLYCO	DL 400 (UNII: B697894SGQ)					
		DL 8000 (UNI: Q662QK8M3B)					
		NE (UNII: WZH3C48M4T)					
SHELLAC (U							
TALC (UNI:							
		II: 15F0(9V2JP)					
Product				Scor			no score
Color		ite (opaque)) , green (dark green (opaque))			e		
Shape	CAPSULE			Size			14mm
Flavor				Impr	int Code		YH;125
Contains							
Packagin	_			larketing Star			tina End
# Item C		Package Description	M	Date Date	Ма	D	ate
1 NDC:7043	6-056- 30 ii Proc	n 1 BOTTLE; Type 0: Not a Combination duct	11/1	5/2021			
		ormation					
Marke Categ		Application Number or Monograph Citation		Marketing Sta Date	rt Ma		ting End

Category	Applica	Citation		Dat	te	I E	Date
ANDA	ANDA2111	00		11/15/2021			
			_				
MEMANTINE							
memantine hydro	chloride ca	psule, extended release					
Product Inform							
	nation						
Product Type		HUMAN PRESCRIPTION DRUG	It	em Code (Source)	NDC:	70436-057
Route of Adminis	stration	ORAL					
Active Ingredie	ent/Active	Moiety					
	Ingr	edient Name		Ba	sis of St	rength	Strengti
	OCHLORIDE	(UNI: JYOWDOUAGO) (MEMANTINE -			ANTINE		28 mg
UNII:WBO17SJF3T)				HYDE	OCHLORIDI	E	20 mg
Inactive Ingre	dients						
		Ingredient Name				S	trength
AMMONIA (UNI: 513	38Q19F1X)						
		D (UNII: 7Z8S9VYZ4B)					
FD&C BLUE NO. 1							
FD&C YELLOW NO GELATIN (UNI: 2G8)		VE193A8)					
		NSPECIFIED (UNI: T4V6TWG28D)					
		(UNI: 3NXW29V3WO)				_	
MEDIUM-CHAIN TR							
OLEIC ACID (UNI: 2	UMI9U37CP)						
POLYETHYLENE GL	YCOL 400 (L	JNI: B6978945GQ)					
POLYETHYLENE GL		(UNI: Q662QK8M3B)					
SHELLAC (UNII: 46N							
TALC (UNI: 7SEV7)4 TITANIUM DIOXIDE							
TITANIUM DIOXIDE	(UNII: 15FXV	V2JP)					
Product Chara	cteristics						
Color	green (dark	green (opaque))		Score		no	score
Shape	CAPSULE			Size		16mm	
Flavor				Imprint Co	ode	YH,	126
Contains							
Packaging							
# Item Code	_		,	Marketing	Start	Marke	ting End
		ckage Description		Date			ate
	Product	LE; Type 0: Not a Combination	11/	15/2021			
2 NDC:70436-057-	90 in 1 BOTT Product	LE; Type 0: Not a Combination	11/	15/2021			
100	riouucs						
Marketing I	nformat	tion					
Marketing		ition Number or Monograph		Marketin		Marke	eting End
Category		Citation		Dat	te		Date
ANDA	ANDA2111	00		11/15/2021			

Labeler - Sate Run Pharmaceuticals, LLL (199452765)

Registrant - Yichang Humanwell Pharmaceutical Co., Ltd. (527723336)

Establishment

Market Royal State Control of Sate Co

Revised: 5/2024 Slate Run Pharmaceuticals, LLC