Mexiletine Hydrochloride Capsules, USP

DESCRIPTION
Mexiteline hydrochloride, USP is an orally active antiarrhythmic agent, it is a white to off-while crystalline powder with slightly bitter taste, freely soluble in water and in alcohol. Mexiteline hydrochloride, USP is 1-methyt-2-(2,6avivioxylethylamine hydrochloride and its structural formula is:



C..H.,NO+HCI M.W. 215.72

Each capsule for oral administration, contains 150 mg, 200 mg, or 250 mg of mexiletine hydrochloride, USP 100 mg of mexiletine hydrochloride, USP is

equivalent to 83.31 mg of mexicialities base, in addition, each capsule contains the following excipients; colloided sitioon dioxide, magnesium stearale, pregelatinized starch. The capsule shell contains: F08C Vellow 46, gelalia and itianium dioxide.

150 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 and F08C But et 91.250 mg capsule also contains: 508.6 md 429 mg capsule also contains: 508.6 md

FDA approved dissolution test specifications differ from the USP.

Mexiletine hydrochloride is a local anesthetic, antiarrhythmic agent, structurally similar to lidocaine, but orally active, in animal studies, mexiletine has been shown to be effective in the suppression of induced ventricular arrhythmias, including those induced by glycoside toxicity and coronary artery ligation. Modellerin, lettocare, including those induced by glycoside toxicity and coronary artery ligation. Modellerin, lettocare, including the action plential is exclosing the action plential. Phase 0. Medicine decrease in the effective reflecting period (English provided in the coronary artery ligation of the effective reflecting period (English provided in the effective reflecting period (English provided in the decrease in opening distriction) opening duration of the effective reflecting period (English period (APD), with a resulting Increase in the ERP/APD ratio

Electrophysiology in Man. Mexidence is a Class 18 antiarrhythmic compound with electrophysiologic properties in man similar to those of Idocaine, but dissimilar from quinidine procainantie, and disopyramide,

In patients with normal conduction systems, mexiletine has a minimal effect on cardiac impulse generation and propagation. In clinical trials, no development of second-degree or third degree AV block was observed Mexiletine did not prolong ventricular depolarization (QRS duration) or repolarization (QT Intervals) as measured by electrocardiography. Theoretically, therefore, mexitetine may be useful in the treatment of ventricular arrhythmias associated with a prolonged QT interval.

In palients with preexisting conduction detects, degression of the sinus rate, prolongation of sinus node recovery time, decreased conduction velocity and increased effective refractory period of the intraventricular conduction system have occasionally been observed

The aniiarthythmic effect of mexiletine has been established in controlled comparative trials against placebo, quinidine, procainamide and disopyramide, Mexiletine hydrochloride, at doses of 200 to 400 mg q8h, produced a significant reduction of ventricular premature beats, paired beats, and episodes of non-sustained venticular tachycardia compared to placebo and was similar in effectiveness to the active agents, Among dia patients entered into the sutdres, about 39% in each retainment group had a 70% or greater reduction in PVC count and about 40% failed to complete the 3 month studies because of adverse effects, Follow-up of patients from the controlled trials has demonstrated continued effectiveness of mexiletine in long-term

Hemodynamics

Hemodynamic studies in a limited number of patients, with normal or abnormal myocardial function, following oral administration of mexileting hydrochlands, have shown small, usually not stated by significant for a formal or annual processing or a final processing of the second of the significant regarder longitude for the significant regarder longitude

Pharmacokinetics Mexistens (~90%) from the gastrointestinal tract. Unlike lidocaine, its first-pass metabolism is low. Peak blood levels are reached in two to three hours. In normal subjects, the plasma elimination half-life of mexiletine is approximately 10 to 12 hours. It is 50 to 60% bound to plasma protein, with a volume of distribution of 5 to 7 filters/fig. Mexiletine is mainly metabolized in the liver, the primary pathway being CYP200 metabolism, although it is also a substrate for CYP142. With involvement of CYP206, there can be either poor or extensive metabolizer phenotypes. Since approximately 90% of mexiletine hydrochloride is metabolized in the liver into inactive metabolites, pathological changes in the liver can restrict hepatic clearance of mexiletine hydrochloride and its metabolites. The metabolic degradation proceeds via various pathways including mails and altitude hydrocylation, dealvigation, dearmination and N-oxidation. Several of the resulting metabolites are submitted to further conjugation with glucuronic acid (phase II metabolism); among these are the major metabolites p-hydroxyn-exitetine, hydroxy-methylime and N-hydroxy-mexitetine, hydroxy-methylime and N-hydroxy-mexitetine, hydroxy-methylime and N-hydroxy-mexitetine, unimary pH influence the rate of excretion: scidification accelerates excretion, while alkalinization retards it.

Several metabolities of mexiletine have shown minimal antiarrhythmics activity in animal models. The most active is the minor metabolite N-methymedietine, which is less than 20% as potent as mexiletine. The uninary exception of N-methymexiletine in man is less than 0.5%, Thus the the

Hepatic impairment prolongs the elimination half-lile of mexiletine, in eight patients with moderate to severe liver disease, the mean half-life was approximately 25 hours.

Consistent with the limited renal elimination of mexiletine, little change in the half-life has been detected in patients with reduced renal function. In eight patients with creatinine clearance less than 10 mL/min, the mean plasma elimination half-life was 15.7 hours; in seven patients with creatinine clearance between 11 to 40 mL/min. The mean half-life was 13.4 hours.

The absorption rate of mexitetine is reduced in clinical situations such as acute myocardial infarction in which pastric emptying time is increased in the or movement is necessary in the control of t

Mexiletine plasma levels of at least 0.5 mcg/mL are generally required for therapeutic response. An increase in the frequency of central nervous system adverse effects has been observed when plasma levels exceed 2 mcg/mL. Thus the therapeutic range is approximately 0.5 to 2 mcg/mL. Plasma levels within the therapeutic range are an be attained with either three times daily or totake daily dosing but peak to trough differences are greater with the latter regimen, creating the possibility of adverse effects at a peak and arrinythmic ascape at trough, Noverthelass, some patients may be transferred successfully to the twice daily regimen. (See DOSAGE AND ADMINISTRATION.)

INDICATIONS AND USAGE

Mexileting hydrochloride cansules TISP are indicated for the treatment of documented ventricular arrhythmias, such as sustained ventricular lacelycardia, that, in the Judgment of the physician, are life-threatening, Because of the proarrhythmic effects of mexicine, is seen with lesser arrhythmias is generally not recommended. Treatment of patients with asymptomatic ventricular premature contractions should be avoided.

Initiation of mexiletine treatment, as with other antarrhythmic agents used to treat the threatening arrhythmias, should be carried out in the hospital. Antiarrhythmic drugs have not been shown to enhance survival in patients with ventricular arrhythmias.

Mexiletine hydrochloride capsules are contraindicated in the presence of cardiogenic shock or preexisting second- or third-degree AV block (if no pacemakeris present).

WARNINGS

BOXED WARNING

Mortality
In the National Heart, Lung and Blood institutes Cardiac Arrhythmia Suppression Trial (CAST), a long-term, multicentered, randomized, doubte-blind study in patients with asymptomatic non-life-threatening ventricular arrhythmias who had a myocardial infarction more than six days but less than two years previously, an excessive mortality of non-fatal cardiac arrest rate (7.7%) was seen in patients treated with onealnide of thecainide compared with that seen in patients assigned to carefully matched placebo-treated groups (3%). The average duration of treatment with encainide or illecinide in this study was ten months.

The applicability of the CAST results to other populations (e.g., those without recent myocardial infarction) is uncertain. Considering the known



propertylamic properties of mexitetine and the lack of evidence of improved survival for any antiarrhylamic drug in patients without life-lineatening arrhylamias, the use of mexitetine as well as other antiarrhylamic agents should be reserved for patients with life-threatening

Acute Liver Injury

Reportments of the first several sever

Drug Reactions with Eoxinophilia and Systemic Symptoms (DRESS)

Drug reactions with eosinophilia and systemic symptoms (DRESS) have been reported in patients taking mexicitine, DRESS typically presents with eosinophilia, lever, rash, and/or ymphadenopatry in association with other organ involvement, such as hepatilis, nephritis, hematologic abnormalities, myocardise, or myosinis, sometimes resembling na equici wralinfetion. Disconfirue mexicienied DRESS is suspected

If a ventricular pacemaker is operative, patients with second or third degree heart block may be treated with mexiletine hydrochloride if continuously monitored. A firmited number of patients, education was accounted unlike the patients of the patients or in patients with preexisting sinus node disjunction or intraventurial reconduction abnormables.

Like other anliarrhythmics mexiletine hydrochloride can cause worsening of arrhythmias, This has been uncommon in patients with less serious arrhythmias (frequent prenature beats or nonsustained ventricular tachycardia; see ADVERSE REACTIONS), but is of greater concern in patients with little-freatening arrhythmias such as sustained ventricular tachycardia; lin patients with such arrhythmias subjected to as sustained ventricular tachycardia. In patients with such arrhythmias subjected to a sustained ventricular tachycardia. In patients with such arrhythmia, a rate not greater than that of other agents.

Mexiletine should be used with caution in patients with hypotension and severe congestive heart failure because of the potential for aggravating these

Since mexiletine is metabolized in the liver, and hepatic impairment has been reported to protong the elimination hall-life of mexiletine, patients with liver disease should be followed carefully while receiving mexiletine. The same caution should be observed in patients with hepatic dystunction secondary to congestive heart failure

rent drug therapy or dietary regimens which may markedly after urnary pH should be avoided during mexiletine hydrochloride therapy. The minor tions in urinary pH associated with normal diet do not affect the excretion of mexiletine.

In three month controlled trials, elevations of SGOT greater than three times the upper limit of normal occurred in about 1% of both mexileting control patients, Approximately 2% of patients in the mexiteline compassionate use program had elevations of SGOT greater than or equal to three times the upper limit of normal. These elevations frequently occurred in association with identifiable clinical events and thorapeutic measures such as congestive heart failure, acute myocardial infanction, blood transfusions and other medications. These elevations were often asymptomatic and translem, usually not associated with elevated bilinubin levels and usually did not require discontinuation of therapy. Marked elevations of SGOT (> 1000 U/L) were seen before death in lour patients with end-stage cardiac disease (severe congestive heart failure, cardiogenic shock)

Rare instances of severe liver injury, including hepatic necrosis, have been reported in association with medileline treatment, it is recommended that patients in whom an abnormal liver test has occurred, or who have signs of symptoms suggestion pier dysfunction, be carefully evaluated, if persistent or viousning elevation of hepatic extrayers is detected, consideration should be given to discontinuing therapy.

Blood Dyscrasias
Among 10,867 patients treated with mexiletine in the compassionate use program, marked leukopenia (neutrophils tess than 1000/mm3) or agranulocytosis were seen in 0.06% and milder depressions of leukocytes were seen in 0.06%, and thrombocytopenia was observed in 0.16%. Mary of these patients were seriously ill and receiving concernitant medications with known hematologic adverse effects. Rechailunge with medicile in several cases was negative. Marked leukopenia or agranulocytosis ofd not nocur in any patient receiving mexiclenia alone; five of the six cases of agranulocytosis were associated with procesimatine sustained release preparations in four) and one with vimbastine. If significant hematologic changes are observed, the patient should be carefully evaluated, and, if warranted, mexileting should be discontinued. Blood counts usually return to normal within a month of discontinuation (see ADVERSE REACTIONS).

Convulsions (seizures) did not occur in mexiletine controlled clinical trials, In the compassionate use program, convulsions were reported in about 2 of 1000 patients. Twenly-eight percent of these patients disconlinated therapy. Convulsions were reported in patients with and without a prior history of sectures. Meetitien should be used with caution in patients with known seizure disorder.

Since mexiletine hydrochloride is a substrate for the metabolic pathways involving CYP2D6 and CYP1A2 enzymes, inhibition or induction of either of Since insecting injustantiance is a subsidiar as in the instance paraways investigated for the engineers influence in the latest mediate plasma concentrations in a formal, single-dose interaction study or — 6 mailes) the clearance of mexicialine was decreased by 38% following the coadministration of fluoroamine, an inhibitor of CVP142, in another formal study or — 8 extensive and n = 7 poor metabloizers of CVP269, coadministration of properione of did not after the kinetics of mexicialine in the poor CVP46, in another formal study or — 8 extensive and n = 7 poor metabloizer sof CVP269, coadministration of properione of did not after the kinetics of mexicialine in the poor Properior Retabloizer groups indistinguishable. In this crossover steady state study, the pharmacokinetics of propalenone were unaffected in either phenotype by the coadministration of mexicialine Addition of mexicialine to propatenone did not least of further electrocardiographic parameters changes of QRS, OTC. RR, and PR intervals than propatenone alone. When concomitant administration of either of these two drugs is initiated, the dose of mexitetine should be vly titrated to desired effect.

In a large compassionale use program mexiletine has been used concurrently with commonly employed antianginal, antihypertensive, and anticoagulant drugs without observed interactions. A variety of antiarrhythmics such as quiridine or proprantiol were also added, sometimes with improved control of ventricular ectopy. When phenytoin or other hepatic enzyme induces such as rifampin and phenotal have been taken concurrently with mexiletine, lowered mexiletine plasma levels have been reported. Monitioning of mexiletine plasma levels is recommended during such concurrent use to avoid ineffective therapy.

In a formal study, benzod aregines were shown not to affect mexiletine plasma concentrations. ECG intervals (PR, QRS, and QT) were not affected by concurrent mexiletine and digoxin, diuretics, or propranolo

Concurrent administration of cimelidine and mexiletine has been reported to increase, decrease, or leave unchanged mexiletine plasma levels; therefore patients should be followed carefully during concurrent therapy

Mexiletine does not after serum digoxin levels but magnesium-aluminum hydroxide, when used to treat gastrointestinal symptoms due to mexiletine, has been reported to lower serum digoxin levels.

Concurrent use of mexitatine and theophylline may lead to increased plasma theophylline levels. One controlled study in eight normal subjects showed a 72% mean increase (range 35 to 136%) in plasma liheophylline levels. This increase was observed at the first lest point which was the second day after starting mexitation. Theophylline plasma levels returned to pre-mexitatine values within 46 hours after discontinuing mexitation. In mexitation and Ineophylline are to be used concurrently, theophylline blood levels should be monitored, particularly when the mexitatine dose is changed. An appropriate adjustment in the ophylline dose should be considered.

Additionally, in one controlled study in five normal subjects and seven patients, the clearance of caffeine was decreased 50% following the

Carcinogenesis, Mutagenesis, Impairment of Fartllity
Studies of carcinogenesis in rats (24 months) and mice (18 months) did not demonstrate any tumorigenic potential. Mexitetine was found to be nonmutagenic in the Amee test. Mexitetine did not impair fertility in the rat. Pregnancy

Teralogenic Effects

Reproduction studies performed with mexiletine in rats, mice and rabbits at doses up to four times the maximum human oral dose (24 mg/kg in a 50 kg patient) revealed no evidence of teratogenicity or impaired fertility but did show an increase in fetal respretion. There are no adequate and well-controlled studies in pregnant women; this drug should be used in pregnancy only if the potential benefit justifies the potential risk to the fetus.

Mediteline appears in human milk in concentrations similar to those observed in plasma. Therefore, if the use of mexicule hydrochloride is deemed essential, an alternative method of infant leading should be considered.

Safety and effectiveness in pediatric patients have not been established

Mexiteline hydrochloride commonly produces reversible gastrointestinal and nervous system adverse reactions but is otherwise well tolerated Mexiletine has been evaluated in 483 patients in one month and three month controlled studies and in over 10,000 patients in a large compassionate use program. Dosages in the controlled studies ranged from 600 to 1200 mg/day, some patients (6%) in the compassionate use program were treated with higher daily doses (1600 to 3200 mg/day). In the three month controlled fulls comparing medileine to quintidine, procalmential and disopyramide, the most frequent adverse reactions were upper gastrointestival distress (14%). Inplinted and controlled frial. Although these reactions were generally not serious.

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and ware dose-related and reversible with a reduction in dosage, by taking the drug with food or antacid or by therapy discontinuation, they led to therapy discontinuation in 40% of patients in the controlled trial. Table 1 presents the adverse events reported in the one-month placebo-controlled trial.

Table 1: Comparative incidence (%) of Adverse Events Among Patients Treated With Mexiletine and Placebo in the 4 Week, Double-Blind

	Mexiletine N = 53	Placebo N = 49
Cardiovascular		
Palpitations	7.5	10 2
Chest Pain	7,5	41
Increased Ventricular Arrhythmia/PVCs	1,9	-
Digestive		
Nausea/Vomiting/Heartburn	39.6	6.1
Central Nervous System		
Dizziness/Lightheadedness	26.4	14,3
Tremor	13.2	135
Nervousness	11.3	61
Coordination Difficulties	9,4	12
Changes in Sleep Habits	7.5	16.3
Paresthesias/Numbness	3.8	2
Weakness	1,9	4,1
Faligue	1.9	2
Tinnitus	1.9	4.1
Canfusion/Clouded Sensorium	1.9	2
Olher		
Headache	7,5	6.1
Blurred Vision/Visual Disturbances	7.5	2
Dyspnea/Respiratory	5.7	102
Rash	3.8	2
Non-specific Edema	3.8	*

Table 2 presents the adverse reactions occurring in one percent or more of patients in the three month controlled studies.

Table 2: Comparative Incidence (%) of Adverse Events Among Patients Treated With Mexitetine or Control Drugs in the 12 Week Double-Blind

	Mexileline N = 430	Quinidine N = 262	Procalnamide N = 78	Disopyramide N = 69
Cardiovascular				
Palpriations	4.3	4.6	1.3	5.8
Chest Pain	2.6	3,4	1.3	2.9
Angina/Angina-live Pain	1.7	1.9	2.6	29
Increased Ventricular Arrhythmia/PVCs	1	2.7	2.6	-
Digestive				
Nausea/Vorniting/Heartburn	39.3	21.4	33.3	14.5
Diarrhea	5.2	33.2	2.6	8.7
Constipation	4		6.4	11.6
Changes in Appelite	2.6	1.9	1.9	
Abdominal Pain/Cramps/Discomfort	1.2	1.5	E	1.4
Central Nervous System				
Dizziness/Lightheadedness	18.9	14.1	14.1	2 9
Tremor	13.2	2.3	3.8	1.4
Coordination Difficulties	9.7	1.1	1.3	
Changes in Sleep Habits	7.1	2,7	11.5	8.7
Weakness	5	5.3	7.7	2.9
Nervousness	5	1.9	6.4	5 8
Fatigue	3.8	5.7	5.1	1.4
Speech Difficulties	2,6	0.4		*:
Confusion/Clauded Sensonum	2,6		3.8	
Paresthesias/Numbness	2,4	2.3	2.6	-
Tinnitus	2.4	1.5		
Depression	2.4	1,1	1,3	1.4
Oiher				
Blurred Vision/Visual Disturbances	5,7	3.1	5.1	7.2
Headache	5.7	6,9	7.7	4.3
Rash	4.2	3.8	10,3	1.4
Dyspnea/Respiratory	3.3	3.1	5.1	2,9
Dry Mouth	2,8	1,9	5.1	14.5
Arthratgia	1,7	2.3	5.1	1.4
Fever	1.2	3.1	2.6	

Less than 1% Syncope, edema, hot flashes, hypertension, short-lerm memory loss, loss of consciousness, other psychological changes, diaphoresis, urinary hesitancy/relention, malaise, impotence/decreased libido, pharyngilis, congestive heart fallure,

An additional group of over 10,000 pasients has been treated in a program allowing administration of mexiterine hydrochloride under compassionate use circumstances. These pasients were seriously ill with the large majority on multiple drug therapy. Wenth-four persons of the patients continued in the program for one year or longer. Adverse reactions leading to therapy discontinuation occurred in 15 persons of patients (usually upper gastroninestance) as yet the provisor system of nervous system effects), in general, the more common adverse earchions were similar to those in the controlled intals. Less common adverse events possibly related to mexileline use include:

Cardiovascular System

Synoppe and hypotension, each about 6 in 1600; bradycardia, about 4 in 1000; angina/angina-like pain, about 3 in 1000; edema, atrioventricular block/conduction disturbances and hot flashes, each about 2 in 1000; alrial arrhythmias, hypertension and cardiogenic shock, each about 1 in 1000.

Central Nervous System
Short-term memory loss, about 9 in 1000 patients; hallucinations and other psychological changes, each about 3 in 1000; psychosis and convulsion/seleuture, each about 9 in 1000, loss of consciousness, about 6 in 10,000,

Digestive

ungestive
Dysphagia, about 2 in 1000, peptic ulcer, aboul 8 in 10,000; upper gastroinlestinal bleeding, about 7 in 10,000; esophageal ulceration, about 1 in
10,000 Rare cases of severe hepatilis/acule hepatic necrosis.

Pare cases of extoliative dermatitis and Stevens-Johnson syndrome with mexiletine treatment have been reported

Laboratory
Abnormal liver function tests, about 5 in 1000; positive ANA and thrombocytopenia, each about 2 in 1000; leukopenia (including neutropenia and agranulocytoss); about 1 in 1000; myelofibrosis, about 2 in 10,000 patients.

uruer
Diaphoresis, about 6 in 1000, altered taste, about 5 in 1000, salivary changes, hair loss and impotence/decreased libido, each about 4 in 1000, malaise,
about 3 in 1000; urinary hestiancy/relention, each about 2 in 1000; riccups, dry skin, laryngeal and pharyngeal changes and changes in oral mucous
membranes, each about 1 in 1000; SLE syndrome, about 4 in 10,000,

Hematology

Blood dyscrasias were not seen in the controlled trials but did occur among 10,867 patients treated with mexitatine in the compassionate use program (see PRECAUTIONS)

Myelofibrosis was reported in two patients in the compassionate use program; one was receiving long-term thiotepa therapy and the other had

In postmarkeling experience, there have been isolated, spontaneous reports of pulmonary changes including pulmonary infiltration and pulmonary libroris during mexitetine therapy with or without other drugs or diseases that are known to produce pulmonary toxicity. A causal relationship to mexitetine therapy has not been established. In addition, there have been solated reports of drowsiness, mystagmus, alawa, dyspensa, hyperestensivity reaction, and exacerbation of congestive heart failure in patients with preadshing compromised ventricular function. There have been rare reports of pancreatitis associated with mexiletine treatment.

OVERDOSAGE

Citical Indrays associated with mexiletine overdosage have included drowsiness, confusion, nausea, hypotension, sinus bradycardia, paresthesto, seizures, bundle branch block, AV heart block, asystole, ventricular tachyarryfmini, including ventricular fibrillation, cardiovascular collagse and coma. The lowest known does in a Italiaty case was 4 9 gwith posimortiens erum maciletine level of 34 to 37 meg/L. (Lequier Pet al., Lancet 1976 1 (7956)*429), Patients have recovered from ingestion of 4 glo 18 g of mexiletine (Frank S, E, et, al., Am J Emerg Med 1991: 9-43-48).

There Is no specific antidote for mexiletione, Management of mexiletine overdosage includes general supportive measures, close observation and monitoring of viral signs. In addition, the use of pharmacologic interventions (e.g., pressor agents, alropine or anticonvulsants) or transvenous cardiac pacing is suggested, depending on the patient's clinical condition,

The dosage of mexiteline hydrochforide must be individualized on the basis of response and tolerance, both of which are dose-related. Administration with food or anlacid is recommended, initiate mexiletine therapy with 200 mg every eight hours when rapid control of arrhythmia is not essential. A minimum of two to three days between dose adjustments is recommended. Dose may be adjusted in 50 or 100 mg Increments up or down

As with any antiarrhythmic drug, clinical and electrocardiographic evaluation (including Holter monitoring if necessary for evaluation) are needed to whether the desired antiarrhythmic effect has been obtained and to guide titration and dose adjustment

Satisfactory control can be achieved in most patients by 200 to 300 mg given every eight hours with food or antacid. If satisfactory response has not been achieved at 300 mg gdh, and the patient tolerates mexiletine well, a dose of 400 mg gdh may be fried. As the severity of CNS side effects increases with total daily dose, the dose should not exceed 1200 mg/day.

In general, patients with renal failure will require the usual doses of mexiletine hydrochloride. Patients with severe liver disease, however, may require lower doses and must be monitored closely. Similarly, marked right-sided congestive heart failure can reduce hepatic metabolism and reduce the needed dose, Plasma level may also be allected by certain concomitant drugs (see PRECAUTIONS, Drug Interactions).

Loading Dose

When rapid control of ventricular arrhythmia is essential, an initial loading dose of 400 mg of mexiletine hydrochloride may be administered, followed by a 200 mg dose in eight hours. Onset of therapeutic effect is usually observed within 30 minutes to two hours.

ALIZH Dussage Schedule

Some patients responding to mexitetine may be transferred to a 12 hour dosage schedule to Improve convenience and compliance. If adequate suppression is achieved on a mexitetine hydrochloride dose of 300 mg or less every eight hours, the same total daily dose may be given in divided doses every 12 hours while carefully monitoring the degree of suppression of ventricular eclopy. This dose may be adjusted up to a maximum of 450 mg every 12 hours to achieve the desired response.

Transferring to Mexiletine Hydrochloride

The following desage schedule, based on theoretical considerations rather than experimental data, is suggested for transferring patients from other Class I oral antiarrhythmic agents to mexiletine: mexiletine hydrochloride treatment may be initiated with a 200 mg dose, and turated to response as described above, 6 to 12 hours after the last dose of guinidine sulfate, 3 to 6 hours after the last dose of procainamide, 6 to 12 hours after the last dose of disopryramide or 8 to 12 hours after the last dose of tocalnide

In patients in whom withdrawal of the previous antiarrhythmic agent is likely to produce life-threatening arrhythmias, hospitalization of the patient is

When transferring from lidocaine to mexiletine, the lidocaine infusion should be stopped when the first oral dose of mexiletine hydrochloride is administered. The infusion fine should be left open until suppression of the arrhythmia appears to be satisfactorily maintained. Consideration should be given to the similarity of the adverse effects of ticocaine and mexiletine and the possibility that they may be additive.

HOW SUPPLIED

Mexiletine hydrochloride capsules USP, 150 mg are white granular powder in a hard gelatin capsule with a tan opaque cap and an orange opaque body, imprinted with "A27" on the cap and "150" on the body in black ink. They are supplied as follows: NOC 62756-955-01 bottles of 100 with child-resistant

Mexitetine hydrochloride capsules USP, 200 mg are white granular powder in a hard gelatin capsule with an orange opaque cap and an orange opaque body, imprinted with "A28" on the cap and "200" on the body in black ink, They are supplied as follows, NDC 62756-956-01 buttles of 100 with child-resistant follows:

Mexiteline hydrochloride capsules USP, 250 mg are white granular powder in a hard gelatin capsule with a green opaque cap and an orange opaque body, imprinted with "A29" on the cap and "250" on the body in black ink, They are supplied as follows: NOC 62756-957-01 bottles of 100 with child-resistant

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

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

Manufactured by: nicals. Hoschton, GA 30548

Distributed by: utical Industries, Inc. Sun Pharmaceutical Cranbury, NJ 08512

Code L7036/00 Rev. 10/2021