CENTER FOR DRUG EVALUATION AND RESEARCH

APPLICATION NUMBER: 75203

DRAFT FINAL PRINTED LABELING







DESCRIPTION

Propaterione hydrochlonde is an amtarrhythmic drug. Propaterione has the structural formula of propaterione hydrochlonde is given below: structural similarities to beta-blocking agents.

M.W.=377.91

C₂₁H₂₇NO₃·HCt M.W. 2'-(2·Hydroxy-3-(propylamino) -propoxyl-3-phenylproprophenone hydrochloride

Propatenone hydrochlonde occurs as colorless crystals or white crystalline powder with a very bitter tasts. It is slightly soluble in v (20°C), chloroform and sthanol. Each ablet, for oral administration, contains 150 mg or 225 mg of propatenone hydrochlonde. The following the undergraded are contained in the tablet: collodial silicon dioxide, croscarmellose sodium, crospovidone, hydroxypi methylotallose, magnesium starrate, microcrystalline cellulose, polydextrose, polyethylane glycol, pregelatinized starch, sodium is sulfate, titanium dioxide and triacetin.

CLINICAL PHARMACGLOSY

Mechanism of Action: Proparenone hydrochloride is a Class IC antiarmythmic drug with local anesthetic effects, and a direct stabilizing action on myocardial membranes. The electrophysiological effect of proparenone hydrochloride manifests itself in a reduction of upstraction of velocity (Phase 8) of the monophrase action potential. In Puringie fibers, and to a lesser extent myocardial fibers, proparenone hydrochloride reduces the fast inward current carried by sodium ions. Diastolic excitability threshold is increased and effective refractory period prolonged. Propatanone reduces apontaneous automaticity and depresses triggered activity.

Studies in anesthetized dogs and solated organ preparations show that propatienone has beta-sympatholytic activity at about 1/50 the potency of proparedio. Clinical studies employing isoproteranol challenge and exercise testing after single doses of propatenone indicate a beta-adrenerge bottomic potency (per mg) about 1/40 that of proparatiol in man. In clinical trials, resting heart recentages of about 8% were noted at the higher end of the therapeutic plasma concentration range. At very high concentrations in wire, propatenone can inhibit the stow inward current carried by existent but this actional management effect probably does not contribute to antiarrhythmic efficacy. Propatenone has local anestwebs activity approximately equal to proceime.

Electrophysiology: Electrophysiology studies in patients with ventricular tachycarda have shown that propalenone prolongs atrioventricular conduction while having little or no effect on sinus node function. Both AV nodal conduction time (AV interval) are priceopad. Propalenone has little or no effect on the statial functional refractory periods, but AV nodal knowner has little or no effect on the statial functional refractory periods, but AV nodal knowner no effect on the statial functional refractory periods are prolonged. In patients with WPW, proparenone reduces conduction and increases the effective refractory period of the accessory pathway in both directions. Proparenone slows conduction and consequently produces dose-related changes in the PR interval and QRS duration. Of c interval dose not change.

Mass Chances in ECG Intercats: Total Daily Dose (mg)

Interval	337.5 mg		450 mg		675 mg		900 mg		
	msec	%	msac	%	msec	*	msec	*	
RR R	-14.5	-1.8	30.6	3.8	31.5	3.9	41.7	5.1	
PR	3.6	2.1	19.1	116	26.9	17.8	35.6	21.9	
QRS	5.6	6.4	5.5	6.1	17	8.4	15.6	17.3	
QTc	2.7	0.7	-7.5	-1.8	5.0	1.2	14.7	3.7	

*Change and percent change based on mean baseline values for each treatment group.

In any individual patient, the above ECG changes cannot be readily used to predict either efficacy or plasma concentration

Proparenone hydrochloride causes a dose-related and concentration-related decrease in the rate of single and multiple PVCs and can suppress recurrence of ventricular tachycardia. Based on the percent of patients attaining substantial (80 to 90%) suppression of ventricular actorpic activity, it appears that trough plasma levels of 0.2 to 1.5 mcg/mL can provide good suppression, with higher concentrations giving a greater

Hamodysamics: Sympathetic stimulation may be a vital component supporting circulatory function in patients with congestive heart failure, and its inhibition by the beta blockade produced by propatenone may in itself aggravate congestive heart failure.

Additionally, like other Class 1C antiarrhythmic drugs, studies in humans have shown that propatenone exerts a negative inotropic effect on the myocardium. Cardiac catherierization studies in patients with moderately impaired ventricular function (mean C.1 = 2.61 Umin/m²) utilizing intravenous propatenone intuitions (2 mg/tg over 10 min +2 mg/min for 30 min) that gave mean plassare contained and above the therapeutic range of 0.2 to 1.5 mog/mil.) showed significant increases in pulmonary capitalary vedge pressure, systemic and vascular resistances and depression of cardiac output and cardiac index.

Pharmacoldisettes and Metabeltam: Propatenone hydrochlonds is nearly completely absorbed after oral administration with peak plasma levels occurring approximately 3.5 hours after administration in most individuals. Propatenone exhibits extensive saturable presystemic biotransformation (first pass effect) resulting in a dose dependent and dosage form dependent absolute bioavastability, e.g., a 15 for ing ball and absolute bioavastability of 3.4%, while a 300 mg table had absolute bioavastability of 21.4%. At still larger doses, above those recommended, bioavastability increases still furtifier. Decreased liver function also increases bioavailability increases invested in indexpression of 70% at clearances of 7 ml/min and below. The clearance of propatenone is reduced and the elimination half-life increased in patients with significant hepatic dysfunction (see PRECAUTIONS).

Propatenone follows a nonlinear pharmacotkinetic disposition presumably due to saturation of first pass hepatic metabolism as the liner is exposed to higher concentrations of propatenone and shows a very high degree of interindividual variability. For example, for a three-fold increase in daily dose from 300 to 900 mg/day there is a ten-fold increase in steady-state plasma concentration. The top 25% of patients given 315 mg/day, however, had a mean concentration of progrationer target than the bottom 25%, and sourt equal to the second 25% of patients given a dose of 900 mg. Atthough food increased peak blood level and bioavailability in a single dose study, during multiple dose administration of progrationer to healthy volunteers food did not change bioavailability significantly.

There are two genetically determined patterns of propatenone metabolism. In over 90% of patients, the drug is rapidly and extensis metabolized with an elimination half-life from 2 to 10 hours. These patients metabolize propatenone into two active metabolites hydroxypropatenone and N-depropytropatenone. In witro preparations have shown these two metabolites to have entainty-times active comparable to propatenone but in man they both are usually present in concentrations less than 20% of propatenone. Nine addition metabolites have been identified, most in only trace amounts. It is the saturable hydroxylation pathway that is responsible for the nonline obarmacokinetic disposition.

In less than 10% of patients (and in any patient also receiving quinkline, see PRECAUTIONS), metabolism of propalenone is slower because the 5-hydroxy metabolise is not formed or is minimally formed. The estimated proparenone elimination half-life ranges from 10 to 32 hours. Decreased abdity to form the 5-hydroxy metabolise of proparenone is associated with a diminished ability to metabolise debrisoquine and a variety of other drugs (encainteine, metapolicy, destrometorphan). In these patients, the N-depropyforoparenone occurs in quantities comparable to the levels occurring in extensive metabolizers. In slow metabolizers proparenone pharmacoxinetics are linear.

There are significant differences in plasma concentrations of propalenone in slow and extensive metabolizers, the former achieving concentrations 1.5 to 2.0 times those of the extensive metabolizers at daily doses of 675 to 900 mg/ctay. At low doses the differences are greater, with slow metabolizers attaining concentrations more than five times that of extensive metabolizers. Because the difference decreases at high doses and is imaginated by the lack of the active 5-hydroxy metabolizer in the slow metabolizers, and because steady-state conditions are achieved after 4 to 5 days of dosing in all patients, the recommended dosing regimen is the same for all patients. The greater variability in blood levels require that the drug be titrated carefully in patients with close attention paid to clinical and ECG evidence of toxicity (See OOSAGE AND ADMINISTRATION).

INDICATIONS AND USAGE

Propatenone hydrochlonde tablets are indicated for the treatment of documented ventnoular arrhydmias, such as <u>sustained</u> ventnoular tachycards, that, in the judgement of the physician, are lith-dinatening. Because of the grountrythmic effects of propatenone, its use with lesser ventnoular arrhydmias is not recommended, even if patents are symptomatic, and any use of the drug should be reserved for patents in whom, in the opinion of the physician, the potential benefits outweigh the ratio.

Initiation of propatenone treatment, as with other antiarrhythmics used to treat life-threatening ventricular arrhythmics, should be carried out

Antiarrhythmic drugs have not been shown to enhance survival in patients with ventricular arrhythmias

CONTRAINDICATIONS

Propatenore hydrochloride tablets are contraindicated in the presence of uncontrolled congestive heart faiture, cardiogenic shock, sinoatrial, atrioventricular and intraventricular disorders of impulse generation and/or conduction (e.g., sick sinus node syndrome, atrioventricular block) in the absence of an artificial pacemaker, bradycardia, marked hypotension, bronchospastic disorders, manifest electrosyte imbatance.

WARRINGS

Mortality: In the National Heart, Lune and Blood (extitute's Cardiae Arrhythrata Superession Trial (CAST), a long-term, muiti-center, randomized, double-blind study in publish with asymptomatic non-lib-investining ventricular armythmias who had a myocardial infarction more than six days but less than two years previously, as increased rate of death or reversed cardiac errest (7.7%; 56/730) was seen to pullest treated with that seemed or infarction for infarction (cardiac errest), as increased rate of death or reversed cardiac errest (7.7%; 56/730) was seen to pullest treated with that seemed with that seemed

The applicability of the CAST results to other populations (e.g., those without recost expectation interests) or other antiarrhythmic drugs is exercise, but all presents to other populations (e.g., those without recost expectation interection) or other antiarrhythmic drugs is exercise, but all presents it is produce to occasion any VC audistry/fightine to have a significant risk is patients with structural beart disease. Given the tack of any evidence that these drugs improve corrigin, antiarrhythmic agents should generally be evolved in patients with one-like-threatening ventricular arrhythmics, even if the patients are experiencing unpleasess, but not life-threatening, symptoms or signs.

Prescriptionis Effects: Proparenone hydrochloride, like other antiarmythmic agents, may cause new or worsened armythmias. Such proarmythmic effects range from an increase in frequency of PVCs to the development of more severe ventricular tachycardia, ventricular fibrilization or torsack de pointers; i.e., schycardia that is more sustained or more rapid which may lead to fatal consequences. It is therefore essential that each patient given propalaneous be evaluated electrocardiographically and clinically, prior to and during therapy, to determine whether the response to proparenore supports continued treatment.

Overall in clinical trials with proparenore, 4.7% of all patients had new or worsened ventricular arrhythmia possibly representing a progrinythmic event (0.7% was an increase in PVDs. 4.0% a worsening, or new appearance, of VT or VT). Of the patients who had worsening of VT (4%) 52% had a history of VT andro VT/MF. 71% had comonary atterty disease, and 65% had a provinged interaction. The incidence of progrinythmia in patients with less serious or benign arrhythmias, which include patients with an increase in frequency of PVCs, was 1.6%. Although most programfythmic events occurred during the first week of therapy, lats events also were seen and the CAST study (see above) suggests that an increased risk is present throughout treatment.

Monaflergie Bronchespasm (e.g., chronic bronchills, eraphysema): PATIENTS WITH BRONCHOSPASTIC DISEASE SHOULD, IN GENERAL, NOT RECEIVE PROPASENOME or other agains with beta-advance; blocking activity.

Conjective Heart Faileris: Quiring treatment with oral propatenone in patients with depressed baseline function (mean EF-33.5%), no significant decreases in ejection fraction were seen. In clinical trial experience, new or worsened CHF has been reported in 3.7% of patients with ventricular arrhydmai; of those, 0.9% were considered probably or definition, related to propatenone. Of the patients with congestive heart failure probably related to propatenone, 0.0% had presenting heart relative private and 85% had coronary artery disease. CHF attributable to propatenone developed rarely (<0.2%) in patients who had no gravious history of CHF.

As propatenone exams both beta blockade and a (dose-related) negative incurropic effect on cardiac muscle, patients with congestive heart failure should be fully compensated before receiving propatenone. If congestive heart failure vorsers, propatenone should be discontinued (unless congestive heart failure) is due to the cardiac arrhythmia) and, if indicated, restande at a lower dosarph after adequate cardiac compensation has been established.

Conductive Disturbaness: Propatenone stows annovemental and also causes first degree AV block. Average PR interval protongation and ancreases in ORS duration are closely correlated with desage increases and concentrations. The incidence of first degree, second degree, and third degree AV block observed in 2.127 patients was 2.5%, 0.6%, and 0.2%, respectively. Development of second or third degree AV block requires a reduction in dosage or discontinuation of propatenone. Bundle branch block (1.2%) and intraventricular conduction design when reported in patients receiving propatenone. Bradycardia has also been reported (1.5%). Experience in patients with sick sinus node syndrome is limited and these patients should not be treated with

Effects on Pacemeter Thresheld: Propatenone hydrochloride may after both pacing and sensing thresholds of artificial pacemakers. Pacemakers should be monitored and programmed accordingly during therapy.

Herestelegie (listur/senses: Agranulocytosis (fever, chilts, westness, and neutropenia) has been reported in patients receiving propatenone. Generally, the agranulocytosis occurred within the first two months of propatenone therapy and upon discontinuation of therapy, the white count usually normalized by 14 days. Unexplained fever and/or decrease in white cell count, particularly during the initial three months of therapy, warrant consideration of possible agranulocytosis/granulocytopenia. Patients should be instructed to promptly report the development of any signs of infection such as fever, soar throat, or chills.

PRECAUTIONS

PRECAUTIONS

Hepsile Optimation: Proparations is highly metabolized by the liver and should, therefore, be administered caudiously to patients with impaired hepsile function. Severe liver dysfunction incrusses the bioaxsability of proparenone to approximately 70% compared to 3 to 40% for patients with normal liver function. In eight patients with moderate to severe liver disease, the mean half-life was approximately 9 hours. As a result, the does of proparenone given to patients with impaired hepsile function should be approximately 20 to 30% of the does given to patients with normal hepsile function (see OSEASE AND ADMINISTRATION). Careful monitoring for excessive pharmacological effects (see OVEROOSAGE) should be carried out.

Resal Dystunction: A considerable percentage of propatenone metabolites (18.5% to 38% of the dose/48 hours) are excreted in the unner

Until further data are available, propotenone hydrochloride should be administered cautiously to patients with impaired renal function. These patients should be carefully monitored for signs of overdosage (see OVERDOBAGE).

Blevated AMA Titers: Positive AMA titers have been reported in patients receiving propatenone. They have been reversible upon cossation of treatment and may disappear even in the face of continued propatenone therapy. These laboratory findings were usually not associated with clinical symptoms, but there is one published case of drug-induced topus erythematoris (positive michallenge); it resolved completely upon discontinuation of therapy, Patients who develop an abnormal AMA test should be carefully evaluated and, if persistent or worsering elevation of AMA titers is detected, consideration should be given to discontinuing therapy.

Impaired Sparmatequestic Reversible disorders of sparmatogenesis have been demonstrated in monkeys, dogs and rabbits after high dose intravenous administration. Evaluation of the effects of short-term proparance administration on spermatogenesis in 11 normal subjects suggests that proparance produced a reversible, short-term droe (within normal range) in sperm count. Subsequent evaluations in 11 patients receiving proparance chronically have suggested no effect of proparance on sperm count.

Neurostuacutor Dysfusction: Exacerbation of myasthenia gravis has been reported during propatenone therapy.

Ores lateractions: Distriction: Small doses of quinicine completely inhibit the hydroxylation metabolic pathway, making all patients, in effect, slow metabolicars (see CLINICAL PHARMACOLOGY). There is, as yet, too kittle information to recommend concomitant use of propatenone

Local Assessation: Concomitant use of local anesthetics (i.e., during pacemaker implantations, surgery, or dental use) may increase the risks of central nervous system side effects.

Digitalis: Propatenone hydrochloride produces dose-related increases in serum digoxin levels ranging from about 35% at 450 mg/day to 85% at 900 mg/day of propatenone without affecting digoxin renal clearance. These elevations of dioxin levels were maintained for up to 16 months during concomitant administration. Plasma digoxin levels of patients on concomitant therapy should be measured, and digoxin

cosage should ordinantly be reduced when propalenone is started, especially if a relatively large digoxin dose is used or if plasma

Bets-entegrates: In a study involving healthy subjects, concomitant administration of propalenone and propranolol has resulted in substantial increases in propranolol plasma concentration and elimination haid-life with no change in propalenone plasma levels from control values. Similar observations have been reported with metoprolol, Propalenone appears to inhibit the hydroxylation patiwary for the two beta-antagonists (just as quindine inhibits propalenone metabolism). Increased plasma concentrations of metoprolic could overcome its relative cardiosefectivity. In propalenone increased incidence of side effects. Whene the threapeutic range for beta-blockers is wide, a reduction in dosage may be necessary during concomitant administration with propalenone.

Warfarie: In a study of eight healthy subjects receiving propalenone and warfarin concomitantly, mean steady-state warfarin concentrations increased 33% with a corresponding increase in profitrombin times of approximately 25%. It is therefore recommend profitrombin times be routinely monitored and the dose of warfarin be adjusted if necessary.

Cimetidiae: Concomitant administration of proparenone and cimetidine in 12 healthy subjects resulted in a 20% increase in steady-state plasma concentrations of proparenone with no detectable changes in electrocardiographic parameters beyond that measured on proparenone alone.

Oestgrammer: Concomitant administration of propatenone and designamine may result in elevated serum designamine levels. Both designamine, a incyclic antidepressant, and propatenone are cleared by oxidative pathways of damitrylation and hydroxylation carried out by the hepatic-P-450 cytochrome

Cyclosporia: Propatenone therapy may increase levels of cyclosporin.

Theophylline: Propatenone may increase theophylline concentration during concomitant therapy with the development of theophylline

Altemple: Rifampin may accelerate the metabolism and decrease the plasma levels and antiarrhythmic efficacy of propalenone

Other: Limited experience with propalanone combined with calcium antagonists and diurebos has been reported without evidence of clinically significant adverse mactions

Carcinopessatis, Matagenesis, Impairment of Fertility: Lifetime maximally tolerated onal dose studies in mice (up to 360 mg/tg/day) and rats (up to 270 mg/tg/day) provided no evidence of a carcinogenic potential for propatenome.

Propatenone was not mutagenic when assayed for genotoxicity in 1) mouse Dominant Lethal test. 2) rat bone marrow Chromosome Analysis.

3) Chinese hamster bone marrow and spermatogona chromosome analysis, 4) Chinese hamster micronucleus test, and 5) Ames bacterial

Proparations administrated intravenously to rabbits, dogs, and monkeys has been shown to decrease spermatogenesis. These effects were reversible, were not found following oral dosing of proparatione, were seen only at lethal or subligital dose levels and were not seen in rats treated either orally or intravenously (see PREAUTIONS, Impaired Spermatogenesis). Proparatione dot affect famility ratts when administered orally or male and female rats at doses up to 270 mg/kg/day or when administered orally or intravenously to male rabbits at doses of 120 mg/kg/day or so body weight basis, the above noted oral doses in rat and rabbit are 18 times and 8 times, respectively, the maximum recommended daily human dose or 900 mg (based on 60 kg human body weight).

Pregnancy: Terstingente Effecte: Pregnancy Category C. Propatenone has been shown to be embryotoxic in rabbits and rats when given in doses 10 and 40 times, respectively, the maximum recommended human dose. No terstogenic potential was apparent in either species. There are no adequate and well-controlled studies in pregnant women. Propatenone should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

Montanatogenia Effects: In a perinatal and postnatal study in rats, propatenone, at dose levels of 6 or more times the maximum recommended human dose, produced dose dependent increases in maternal and neonatal mortality, decreased maternal and pup body weight gain and numan uusa, prouuced dose dependent inch reduced neonatal physiological development.

Labor and Delivery: It is not known whether the use of propatenone during labor or delivery has immediate or delayed adverse effects on the febrs, or whether it prolongs the duration of labor or increases the need for forceps delivery or other obstetrical intervention.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk and because of the potential for serious adverse reactions in unstrain intents from proparenous, a decision should be made whether to discontinue nursing or to discontinue the drug cathing into account the importance of the drug to the mother.

Pediatric Use: The safety and effectiveness of proparenone in pediatric patients have not been established.

parts. User: There do not appear to be any age-related differences in adverse reaction rates in the most commonly reported adverse done. Because of the possible increased risk of impaired hepatic or renal function in this age group, propatenone should be used with caution. The effective dose may be lower in these nations.

Asiasal *Rezicology: Remai changes have been observed in the rat following 6 months of oral administration of properenone at doses of 180 and 380 mg/kg/day (12 to 24 times the maximum recommended human dose) but not 90 mg/kg/day. Both inflammatory and non-inflammatory changes in the renat tubules with accompanying intensitial nephritis were observed. These lesions were revisible in that they were not stund in rats treated at these dosage levels and allowed to recover for 6 weeks. Party degenerative changes of the liver were found in rats following chronic administration of proparenone at dose levels 19 times the maximum recommended human dose.

ADVERSE REACTIONS

Adverse reactions associated with propatenone hydrochlonde occur most frequently in the gastrointestinal, cardiovascular, and central nervous systems. About 20% of patients treated with propatenone hydrochlonde have discontinued treatment because of adverse reactions.

Results of controlled trials in ventricular armythmia patients comparing adverse reaction rates on propatenone and placebo, and on propatenone and quindrine are shown in the following table. Adverse reactions reported in 2 1% of the patients receiving propatenone are shown, unless they were more frequent on placebo than propatenone. The most common events were unusual tasts, dizzness, first degree AV block, intraventricular conduction detay, nausea and/or vomiting, and constipation. Headache was natively common also, but was not increased compared to olacebo.

Adverse Reactions Reported for ≥ 1% of Ventricular Artifymia Patients

	Prop./Plac	ebo Tnais	Prop./Qui	rodine Trial
	Prop. (N=247)	Placebo (N=111)	Prop. (N=53)	Quinidin (N=52)
Unusual Taste	7%	1%	23%	0%
Dizziness	7%	5%	15%	10%
First Degree AV Block	5%	1%	2%	0%
Headache(s)	5%	5%	2%	8% 2%
Constipation	4%	0%	6%	2%
Intraventneular Conduction Delay	4%	0%	_	_
Vausea and/or Vomiting	3%	1%	6%	15%
abque	_	_	4%	2%
Palpitations	2%	1%	_	_
Sturred Vision	2%	1%	6%	2%
ry Mouth	2%	1%	6%	6%
yspnea	2%	3%	4%	0%
bdominal Pain/Cramps	I ==	=	2%	8%
yspensia	_	_	2%	8%
ongestive Heart Failure	/ -	_	2%	0%
sver	l _	_	2%	10%
innitus	I _	_	2%	2%
ision Abnormal		<u>=</u>	2%	2%
sophagitis	=	_	2%	0%
astroententis	I	· =	2%	0%
naety	2%	2%		-
norexia	2%	1%		2%
	1 1%	0%	2%	0%
roarrhythmia				0%
latulence .	1%	0%	2% 2%	4%
ingina	1%	0%	2%	476
econd Degree AV Block	1%	0%	-	_
Bundle Branch Block	1%	0%	2%	2%
Loss of Balance	1%	0% 1%	<u> </u>	10%

Adverse reactions reported for \geq 1% of 2.127 ventricular arrhythmia patients who received proparanone in U.S. clinical trials are presented in the following table by proparanone daily dose. The most common adverse reactions in controlled clinical trials appeared dose related (but note that most patients spent more time at the larger doses), especially deziness, nausee and/or vomition, unusual tasts, constipation, and diturned vision. Some less common reactions may also have been dose related such as first degree AV block, congestive heart faiture, dyspepsia, and weakness. The principal causes of discontinuation were the most common events and are shown in the table.

Adverse Reactions Reported For \geq 1% of Ventricular Arrithymia Patients N = 2127

	Incidence by Total Daily Dose			Total Incidence	% of Pts. Who
	450 mg (N=1430)	600 mg (N=1337)	≥ 900 mg (N=1333)	(N=2127)	Discont.
Dizziness	4%	7%	11%	13%	2.4%
Nausea and/or Vomiting	2%	6%	9%	11%	3.4%
Unusual Taste	3%	5%	6%	9%	0.7%
Constipation	2%	4%	5%	7%	0.5%
Fatigue	2%	3%	4%	6%	1.0%
Dyspnea	2%	2%	4%	5%	1 6%
Proarrhythmia	2%	2%	3%	5%	4.7%
Angina	2%	2%	3%	5%	0.5%
Headache(s)	2%	3%	3%	5%	1.0%
Blurred Vision	1%	2%	3%	4%	0.8%
CHF	1 1%	2%	3%	4%	1.4%
Ventricular Tachycardia	196	2%	3%	3%	1 2%
Dyspensia	19%	2%	3%	3%	0.9%
Patoitations	196	2%	3%	3%	0.5%
Rash	192	1%	2%	3%	0.8%
AV Block First Degree	196	1%	2%	3%	0.3%
Diarrhea	196	2%	2%	3%	0.6%
Weakness	196	2%	2%	2%	0.7%
Dry Mouth	1%	1%	1%	2%	0.2%
Syncope/Near Syncope	1%	1%	1%	2%	0.2%
QRS Duration, Increased	15	1%	2%	2%	0.5%
Chest Pain	i iš	1%	1%	2%	0.2%
Anorexia	1%	1%	2%	2%	0.2%
Abdominal Pain/ Cramps	196	1%	1%	2%	0.4%
Ataxia	0%	1%	2%	2%	0.2%
Insomnia	0%	1%	1%	2%	0.2%
Premature Ventricular Contraction(s)	1%	1%	1%	2%	0.1%
Bradvcardia	1 12	1%	1%	2%	0.1%
Anxiety	1 1%	1%	1%	2%	0.5%
Edema	1%	0%	1%		
remor(s)	0%	1%	1%	1% 1%	0.2%
Diaphoresis	1%	0%	1%	1%	0.3%
Bundle Branch Block	0%				0.3%
		1%	1%	1%	0.5%
Orowsiness Atrial Fibriliation	1%	1%	1%	1%	0.2%
	1%	1%	1%	1%	0.4%
Flatulence	0%	1%	1%	1%	0.1%
Hypotension	0%	1%	1%	1%	0.4%
Intraventricular Conduction Delay	0%	1%	1%	1%	0.1%
Pain, Joints	0%	0%	1%	1%	0.1%

In addition, the following adverse reactions were reported less frequently than 1% either in clinical trials or in marketing experience (adverse events for marketing experience are given in italics). Causality and relationship to propalenone therapy cannot necessarily be judged from

Cardiovascular System: Atrial flutter, AV dissociation, cardiac arrest, flushing, hot flashes, sick sinus syndrome, sinus pause or arrest, supraventricular tachycardia.

Nerviess System: Abnormal dreams, abnormal speech, abnormal vision, apress, corra, contusion, depression, memory loss, numbness, paresthesias, psychosis/mania, seizures (0.3%), tinnitus, unusual small sensation, vertigo.

distributestiss: A number of patients with liver abnormalities associated with propaterione therapy have been reported in postmarketing expensions. Some appeared due to hepatocellular miury, some were cholestable and some showed a mixed picture. Some of these reports were simply discovered through clinical chamistries, others because of clinical symptoms including fullminant hepatitis and death. One case was rechallenged with a positive outcome.

Cholestasis (0.1%), elevated liver enzymes (alkaline phosphatase, serum transaminases) (0.2%), castroenteritis, hepatitis (0.0%),

Herastologia: Agranulocytosis, anemia, bruising, granulocytopenia, increased bleeding time, leukopenia, purpura, thrombocytopenia.

Other: Alopecia, eye irritation. hyponatremannappropriate ADH secretion, impotence, increased glucose, kidney faiture, positive ANA (0.7%), luque erythematosis, muscle cramps, muscle weakness, nephrotic syndrome, pain, pruritus.

OVERDOSAGE

The symptoms of overdosage, which are usually most severa within 3 hours of ingestion, may include hypotension, somnolence, bradycardis, intra-strail and intraventricular conduction disturbances, and rarely convulsions and high grade winclular armythmass. Deficilitation as well as intuition of doparnine and isoproterenol have been effective in controlling thytim and body pressure. Convulsions have been allevated with intravenous disasperii. General supportive measures such as mechanical respiratory assistance and external cardiac measure such as mechanical respiratory assistance and external cardiac measures such as mechanical respiratory assistance and external cardiac measures.

DOSAGE AND ADMINISTRATION

DUBLICATION

The does of propatenone hydrochloride tablets must be inchedually strated on the basis of response and tolerance. It is recommended the ferzyy be imitated with 150 mg propatenone given every eight hours (450 mg/day). Dosage may be increased at a minimum of 3 to 4 dintervits to 225 mg every 8 hours (457 mg/day) and, if necessary, to 300 mg every 8 hours (900 mg/day). The usefulness and safety dosages exceeding 900 mg per day have not been established. In those patients in whom significant widening of the QRS complex or second riting degree AV block occurs, dose reduction should be considered.

As with other antiarrhythmic agents, in the elderly or in patients with marked previous myocardial damage, the dose of propete hydrochloride tablets should be increased more gradually during the initial phase of treatment.

HOW SUPPLIES

Propatenone hydrochloride tablets, 150 mg are available bisected on the other side. They are supplied as follows: available as round, wh m-coated tablets debossed with Watson 582 on one side and

Bottles of 100 NDC-52544-582-01 NDC-52544-582-05 Bottles of 500

Properenone hydrochloride tablets, 225 mg are available as round, white, film-coated tablets debossed with Watson 563 on one side and bisected on the other side. They are supplied as follows:

Store at controlled room temperature, 15°C to 30°C (59°F to 86°F). Dispense in a tight, light-resistant container as defin Date: June 2000





HYDROCHLORIDE TABLETS

150 mg Rx only

500 TABLETS



NDC 52544-582-01 PROPAFENONE
HYDROCHLORIDE
TABLETS
150 mg Rx only

100 TABLETS







NDC 52544-583-01

PROPAFENONE HYDROCHLORIDE TABLETS 225 mg Rx only 100 TABLETS

