Haloneridol Tablets, USP

WARNING

rtality in Elderly Patients with Dementia-Related Psychosis

Increased Mortality in Electry Parkens with Dementia-Related Psychosis. Electry patients with Generation-standar pytics in transcriptority control organization increased risks of death. Analyses of seventeen placeboc controlled trials (modal duration of 10 weeks), largely in patients stating applied analysychoic drugs, revealed a risks of death in discrete desires of between Li to 1.7 times the risks of death in placebo-treated patients. Over the came of a spixel of law-decender of large with the came of a spixel of large streeted patients was about varied, most of the death appeared not be related to the came of a spixel of large streeted patients was done varied, most of the deaths appeared to be either cardiovascular (e.g., heart fallure, sudden object of infections (e.g., permanula) in nature. Observational satisfaces spixel that, similar to appear antipsychotic drugs resonance with conventional suffery-bottic drugs may increase mortality. The extent to which the firstlings of increased mortality in observational studies may be arribated to the antipsychotic drug as opposed to some characteristics (s) of the patients is not clear. Halpprehall of the one approach of the treatment of patients with domental relating bytechnic (e.g., bast fallure).

Haloperidol is the first of the butyrophenone series of major tranquilizers. The chemical designation is 4-[4-(-<hlorophenyi)-4-hydroxypiperidim)-4-fluorobutyrophenone. It has the following structural formula. p

Each haloperidol tablet, USP intended for oral administration contains haloperidol, USP 5 mg or 10 mg or 20 mg. In addition each tablet contains the following inactive ingredients: calcium steerant, dibastic calcium phosphare dihydrate, povidure (FVF X 30), sodium starch glycolize and starch.) D. & Cytolize of Nollaminant Labe and TO & Cillies of Haminant Labe and To & Cillies

CLINICAL PHARMACOLOGY

has not been clearly established.

INDICATIONS AND USAGE

Haloperidol is indicated for use in the management of manifestations of psychotic disorders Hadopericol is indicated for use in the management of numletastions of psychotic disorders. Hadopericol is indicated for the course of its cand wood unteracts of Tourette's Disorder in children and adults. Hadopericol is effective for the renament of severe behavior problems in children of contabler, explored hypersecticality (which cannot be accusated for by immediate provisoration), emitted the provisoration of the proviso

Haloperidol is contraindicated in severe toxic central nervous system depression or comatose states from any cause and in individuals who are hypersensitive to this drug or have Parkinson's disease.

Increased Mortality in Elderly Patients with Dementia-Related Psychosis
Elderly patients with dementia-related psychosis treated with antipsychotic drugs are at an increase of each. Haloperiód is not approved for the treatment of patients with dementia-related psychosis.

Cardiovas cular Effects

Caronivacurar Luccos. Cases of suded-noda, (T-prolong ation, and Torsades de Pointes have been reported in patients to Cases of suded-noda, (T-prolong ation, and Torsades de Pointes have been reported in patients to saccicated with a lighter risk of (T-prolongation and Torsades de Pointes. Although cases have been reported even in the absence of predisposing factors, particular cation is advised in retuiting natients with other (T-prolonging conditions (Intelling electrolyse inhalter elparticularly blogaletima and hypomagneering), drugs known prolong QT, underlying cardiac abnormalities, hypothysiolism, and familial long QT-syndroms).

Tardive Dyskinesia

A syndrom consisting of potentially irreversible, involuntary, dyskinetic movements may develop in patients restend with antipsycholic drugs. Although the prevalence of the syndrome appears to be highest among the defirely, especially oberly women, it is insussible to rely unpervalence estimates to predict, at the inception of antipsychotic reatment, which patients are likely to develop the syndrome. Whether antipsychotic drug products differ in their potential coanse intrible whysicas is unknown. whether anapychotic rung products duriet in meri potentia in coanse tarture obstaness is unanown. Both the risk of evel poing tarfet opsianess in and the likelihood that it will become irreversible are believed to increase as the duration of treatment and the total cumulative dose of artipsychotic drug; administered to the patient increase. However, the syndrome can develop, although much less commonly, after relatively brief treatment periods at low doses.

commonly, after relatively brie I reatment periods at low doses.

There is no known reatment for established cases of tartified oxiss of tartified positions, although the syndrome may remait, partially or completely, if antipsychotic reatment is withdrawn. Antipsychotic treatment, itself, however, may suppress for partially suppress the signs and symptoms of the syndrome and thereby may possibly mask the underlying process. The effect that symptomatic suppression has upon the long-term course of the syndrome is undrawor.

course of the syndrome is unknown. Given these condictions, arispsychotic drugs should be pescribed in a more that is most likely to minimate the occurrence of studies dyskinesia. Chronic antipsychotic treatment should generally be reserved for paties to who saffer from a chronic illness that, ill shows no respond to sutpsychotic drugs, and, 2) for whom alternative, equally effective, he potentially less harmful reatments are somables or appropriate, in patients who of require chronic treatment, the smallest one and the shorest duration of reatment producing a satisfactory clinical response should be sought. The need for continued exament should be reassessed periodically, and if signs and symptoms of surfave dyskinesia appear in a spiret on antipsychotic, drug discontinuation should be considered. However, some gathers my require treatment despite the presence of the should be considered. However, some gathers my require treatment despite the presence of the please refer to). ADVERSE REACTIONS

Neuroleptic Malignant Syndrome (NMS)

A potentially faal symptom complex sometimes referred to as Neurolegic Malignant Symfrom (NMS) has been reported in association with antipsychoic dungs. Clinical manifestations of NMS are more proposed in association with antipsychoic dungs. Clinical manifestations of NMS are more proposed in a substance of the substance of the

(thabdomydysis) and acut rental failure. The diagnostic evaluation of patients with this syndrome is complicated. In arriving at a diagnosis, it is important to identify cases where the clinical presentation includes both serious medical illness (e.g., appenunous, systemic reference), are increased or inadequality tened exarasymmatida signs and symptom (EFS). Other important considerations in the differential diagnosis include certain symptoms (EFS) to the important considerations in the magnetic diagnosis include certain symptoms. The important of the important considerations in the production of an arrival consideration of the symptoms of the certain symptoms of the certain symptoms of the certain symptoms of the symptoms

If a patient requires, artipsychoic drug treatment after recovery from NMS, the potential reintroduction of drug therapy should be carefully considered. The patient should be carefully monitored, since recurrences of NMS have been reported.

Hyperpressix and best stroke, not associated with the above symptom complex, have also been reported with hadoperiod.

Usage In Pregnancy

Usage in Pregnancy
Non-tertangenic Effects
Non-tertangenic Effects
Nonates exposed to antipsycholic drugs, during the third trimester of pregnancy are at risk for extrapyrantial and/or withdrawal symptoms following delivery. There have been reports of agitation, byperoxia, hypotonic armen, somewhere, registratory distress and refenging doubter in these reconstance. These conglications have varied in severity, while it is none cases symptoms thave been self-timited, in older core sensuals where required intensive care sets unpower and protocycle dissipations. It taloperated should be used during pregnancy only if the potential benefit justifies the potential risks to the feature.

the feats.

Rodens given 2 to 20 times the usual maximum human dose of haloperidod by oral or parenteral rouses showed an increase in incidence of rescoppion, reduced fertility, delayed delivery and pay mortality. Not return appear of their has been reported in crea, which to reduce a desage within this range, that left painter remarks the reduced parent respectively. The respective respectively are the reduced to the analysis of the reduced parent reduced by the reduced parent reduced by the reduced reduced to the reduced parent reduced by the reduced reduced by the reduced reduced by the reduced reduced by the reduced reduced reduced by the reduced reduced by the reduced redu

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Combined Use of Haloperidol and Lithium

Combined Use of Halperidol and Lithium
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supear.

General

A musher of cases of brorehopseumoria, some fatal, have followed the use of antipsychotic drugs, including halpsperfield. It has been possulated that behargy and decreased sensation of thirst dae to certral inhibition may lead to debydration, hemconcentation and reduced pulmonary ventilation. Therefore, if the above signs and symptoms appear, especially in the elderly, the physician should institute remedial therapy promptly.

Although not reponder with halpsperfold, decreased serum cholesterol author cutaerous and ocular changes have been reported in patients receiving chemically-related drugs.

Haloperidol may impair the mental and/or physical abilities required for the performance of hazardous tasks such as operating machinery or driving a motor vehicle. The ambulatory patient should be warned accordingly. accordingly. The use of alcohol with this drug should be avoided due to possible additive effects and hyp

PRECAUTIONS

PRECAUTIONS

Leukopenia, Neutropenia and Agranulocytosis

In clinical trial and postumrheime experience, events of leukopenia/neutropenia have been reported temporally related to antipsychotic agents, including haloperidol tablets USP. Agranulocytosis

(including fatal cases) has also been reported.

Possible risk factors for leukopenis/neuropenia include preexisting low white blood cell count (WBC) and history of drug induced leukopenis/neuropenia. Patients with a preexisting low WBC or a history of drug induced leukopenis/neuropenia a bushol have heter complete blood count (CEC) monitured or drug induced leukopenis/neuropenia should have heter complete blood count (CEC) monitured requestly during the first few months of therapy and should discontinue hadopenido lablees USP at the limits signoral a decline in WBC in the absence of other causative factors.

Patients with neutropenia should be carefully monitored for fever or other symptoms or signs of infection and treated promptly if such symptoms or signs occur. Patients with severe neutropenia (absolute neutrophil count <1000/mm3) should discontinue haloperidol tablets USP and have their WBC followed until recovery.

- llowed util recovery. Journal of the process of th

If conconitant antiparkinson medication is required, it may have to be confused after haloperidol is disconfused because of the difference in excretion rates. If both are disconfused insultance was a constraint of the difference in excretion rates. If both are disconfused insultances was required as the position should begin insult the possible increase in intraocular pressure when anticholitergic drugs, including antiparkinson agens, are administered concomitantly with holoperidol.

As with other antipsychotic agencies, it should be noted that haloperidol may be capable of potentials (CNS depressans such as assessibletics, opiates, and alcohol.)

In a study of I a champheric patients, condeniantered haloperidol and rifampia, plasma haloperidol levels were decreased by a mean of 70% and mean scores on the Brief Psychanic Rating Scale were decommended to the proper of the properties of the proper of the properties of the properti

idol is used to control mania in cyclic disorders, there may be a rapid mood swing to

Severe neurotoxicity (rigidity, inability to walk or talk) may occur in patients with thyrotoxicosis who are also receiving amipsychotic medication, including haloperidol.

Severe neuromicity (rigidity, inability to walk or tall) my occur inpatients with thyromiciosis who are also receiving anapyochtet medication; including halupperidation.

No manageric potential of halupperidad was found in the Arms Salamondan increased are retired assays, and the serious assays are retired as a serious assays and the serious assays are retired as a serious assays and the serious assays and the serious assays are retired as a serious assays and the serious assays are retired as a serious assays and the serious assays are retired as a serious assays and the serious assays as a serious assays assays

no statistically significant differences in incidences of total names or specific tamor types were moted. Analyse/hoic drugs deviate pollutal relevés, the elevation persists during choica dismissistration. Tissue culture experimens indicase that approximately one-third of human breast careers are producin dependent, a factor of potential importance if the prescription of bese drugs is consentplated in a patie with a previously describ breast career. Although disturbances such as galactorrhea, amerurbea, guercomosta, and importes chare been reported, the idited significance of elevation stems producin levels is subsoven for most patients. An increase in mummary respirators have been found in roders after levels in subsoven for most patients. An increase in mummary respirators have been found in roders after conducted to date, however, have below an association between chronic administration of flesse drugs and mummary ummrigenesis; the available evidence is considered too limited to be conclusive at this time. In wire

ture. In vitro

There are to well comolied audies with histogeridad in pregnation owner. There are report to the build members and the histogeridad in pregnation owner. There are report to the build members and belowed following members at build-precised as the properties of the device of the build members are the precise of the preci

Nomeratogene Lipton

Nomities exposed analopychotic drugs, during the first frimester of pregnacy are at risk for exargy-randal and/or windrawal symptoms following delivery. There have been reports of against phypertoxia, hyponica, termor, somethere, respiratory distress and feeding disorder in these enountes. These complications have waited in severity, while in some cases symptoms have been self-limited, in other cases required a have required intensive care unit support and prolonged hospitalism. Hadoperiols should be used during pregnancy only if the potential benefit justifies the potential risk to the feats.

Geriatric Use

ies of haloperidol did not include sufficient numbers of subjects aged 65 and over to Clinical studies of haloperidoid di not include sufficient numbers of subjects aged 65 and over to determine whether they respond differently run sourgue subjects. Other reported clinical eagestream. The contract of the

Cardiovas cular Effects

Cardiavascular Effects
Tackycardia, hypotenion, and hypertenion have been reported. QT prolongation audior ventricular arrhydrains have also been reported, in addition to ECC pattern changes compatible with the oppolymorphous configuration of torsacted per opiness, and may occur more frequently with high dosses and in predisposed patterns (see and WARNINGS). PRECAUTIONS
Cases of sudden and unexpected deals have been reported in a sociation with the administration of any haloperited). The nature of the evidence makes it impossible to desertine definitively what role, if any haloperited played the no account of the reported cases. The postality that haloperited cased deals caused under the content of the reported cases. The postality that haloperited caused deals caused of course, be excluded, that it is to be kept in mind that sudden and unexpected deals may content the proches places to when they are tracted or when they are tracted of which they are provided with other and proches the open content of the course.

CNS Effects

CNS Effects

EXTRAPRAMIDAL SYMPTOMS (EPS) — EPS during the administration of haloperidol have been reported frequently, often during the first few days of reasurest. EPS can be cangorized generally as Parlianon like symptoms, administ, on systomic (including ophotomsous and coalogyric crisis). While all can occur at relatively low doses, they occur more frequently and with greater severity at higher doses. The symptoms may be controlled with dose relations to a distinistration of angiparison drugs such as becumption everylate USP or or the syphemidy bytec thiorsel USP it should be noted that persistent EPS has been reported, the day on phase to be discontined in such cases.

Dystonia Class effect: Symptoms of dystonia, prolonged abnormal contractions of muscle groups, may occur in susceptible individuals during the first few days of treatment. Dystonic symptoms include: spasson of the susceptible individuals during the first few days of treatment. Dystonic symptoms include: spasson of the present programment of the output. While these symptoms can concur all two deeps, they occur more frequently and with greater severity with high potency and a higher doese of first generation analysychoid class, and research is of the conception of the concurrence of the analysychoid class, and research is designed to the conception of the susceptible of the conception of the conception of the susceptible of susceptible of

WITHDRAWAL EMERGENT NEUROLOGICAL SIGNS

Amenda, and a new processing their seminentage questions or publiens with along fits continued formed by patient receiving their seminentage questions or produces a processing and six and a particular processing and their processing and their processing and their processing and six and a particular processing and their processing and their processing and continued to the processing and their processing and their processing and withdrawal emergent enerological signs the until further ordere becomes available, it seems reasonable to gradually withdraw use of halpoperiol.

TARDIVE DYSKINESIA

TARDIVE DYSKINESIA

As with all antipy-tools (a gents, haloperidol has been associated with persistent dyskinesias. Tarditdyskinesia, a syndrome consisting of potentially irreversible, involutator, syskinetic movemens, maappear insone patients on long-term fleering or may occur after drug theory has been discontinued.

appear insone patients on long-term fleering or may occur after drug theory has been discontinued.

symptom are persistent and in some patients appear irreversible. The syndrome is characterized by
riphthical involutant proveners of to pugge, face, mutual to spit (e.g., protention) or longue, puffing
cheels, packering of mouth, chewing movements). Sometimes these may be accompanied by involute
movement of externative and the trunk.

movement of extremites and the trust.

There is no known effective treatment for tardive dyskinestic, antiparkinon agents usually do not alleviate the symptoms of this syndrome. It is suggested that all antipoychotic agents be discontinued to alleviate the symptoms of this syndrome. It is suggested that all antipoychotic agents the discontinued to allege of the suggest of which to a different antipoychotic agent, this syndrome my be amulact.

It has been reported that fire vernicular movement of the sungue may be an early sign of tardive dyskinesias and if the medications is support and that time, the full syndrome my not develop.

TARDIVE DYSTONIA

OTHER CNS EFFECTS

insoftma, resucessness, anciety, eupontra, aguation, urowsiness, eepression, (entargy, nedactive, confusion, verigo, grand mal-seizures, exacerbation of psychotic symptoms including hallucinations and catatoric-like behavioral states which may be responsive to drug withdrawal and/or treatment with anticholinergic drugs.

Body as a Whole

Neuroleptic malignant syndrome (NMS), hyperpyrexia and heat stroke have been reported with haloperidol (see for further information concerning NMS). WARNINGS

Hematologic Effects

Remailongs: Liters

Reports have appeared citing the occurrence of mild and usually transient leukopenia and leukocytosis, minimal decreases in red blood cell courts, anemia, or a tendency toward lymphomonocytosis. Agranulocytosis has rarely been reported to have occurred with the use of haloperidol, and then only in association with other medication.

Liver Effects

Dermatologic Reactions

Maculopapular and acneiform skin reactions and isolated cases of photosensitivity and loss of hair.

Lactation, breast engorgement, mastalgia, menstrual irregularities, gynecomastia, impotence, incr libido, hyperglycemia, hypoglycemia and hyponatremia.

Autonomic Reactions

Dry mouth, blurred vision, urinary retention, diaphoresis and priapism.

Special Senses

Postmarketing Events

Hyperammonemia has been reported in a 5½ year old child with citrullinemia, an inherited disorder of ammonia excretion, following treatment with haloperidol.

OVERDOSAGE

Names customs
In general, the symptoms of overdosage would be an exaggeration of bzown pharmacologic effects and adverse reactions, the most prominent of which would be: 1) severe extrapyramidal reactions, 2) hypotension, or 3) sedudion. The guister would appear constance with respiratory depression and hypotension which could be severe enough to produce a shock-like state. The extrapyramidal reaction would be mainterful by muscular weakers or rigidity and a generalized or localized ermor as edermontaned by the shiretio or aginan types respectively. With accidental overdosage, hypertension to restate the points should be condidered. (For further information regarding to reade de-points should be condidered. (For further information regarding to reade de-points explain.)

Treatment

Gastric lavage or induction of emesis should be carried out immediately followed by administration of activated charcoal. Since there is no specific antidote, reatment is primarily supportive. A patera airway must be established by use of an orophargued airway or reduncted table sor, in protogened cases of come, by tracheostomy. Respiratory depression may be counteracted by sufficial respirations and interesting the support of the contracted by a sufficial respiration and interesting the support of the contracted by a sufficial respiration and interesting the support of the

DOSAGE AND ADMINISTRATION

DOSAGE AND ADMINISTRATION
There is considered variation frampaties to patient in the amount of medication required for tenamers. As with all antiporchoic drugs, though should be individualized according on the needs are response of sech patient. Dosage adjournees, other upward on downward, should be carried out as rapidly as practicable to achieve optimum therapeutic control.

To determine the initial dosage, consideration should be given to the patient's age, severity of illness, previous response to other antipsychotic drugs, and any conconstant medication or disease state. Onlidera, debilitated or graintize patients, as well as show with a starty of adverse response to satisfy-thoic drugs, may require less haloperido. The optimal response in such patients is usually obtained with mure granted alongse adjournees and a lover desponses and a router desponse in Control and the control of the co

Oral Administration

INITIAL DOSAGE RANGE

Moderate Symptomatology 0.5 mg to 2 mg b.i.d. or t.i.d.

Severe Symptomatology 3 mg to 5 mg b.i.d. or t.i.d.

To achieve prompt control, higher doses may be required in some cases

Geriantic or Deblitude Patients.

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Euroise or Bestiant Patients

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The following recommendations apply to children between the ages of 3 and 12 years (weight range 15 to 40 kg). Haloperidol is not intended for children under 3 years old. Therapy should begin at the toward token possible (0.5 mg per day). It required, the does should be increased by an increment of 0.5 mg at 5 or 7 day intervals until the desired therapeutic effect is obtained, (see chart below). The total does may be divided, to be growth i.d. or i.i.d.

Psychotic Disorders

1.05 mg/kg/day to 0.15 mg/kg/day

Noo Psychotic Ebehvior Disorders and Tourette's Disorder

Soverly disturbed psychotic Ebehvior Disorders and Tourette's Disorder

Soverely disturbed, psychotic Children my require ligher doses. In severely disturbed, nonpsychotic Children or in hyperactive children with accompaning conduct disorders, who have failed in respond to psychotherapy or medications other than natiopsychosics, it should be noted that since dose behaviors may be shit

The children or in hyperactive children or independent of the psychological psychological in the children of the header of the psychological p

lowest effective mittenance level.

Switchner Precedent
The oral form should supplant the injectable as soon as practicable. In the absence of bisovailability suddies establishing blooquivalence between these two dosage forms, the following guidelines for dosage are suggested. For an initial approximation of the total daily dose required, the partenet aloves considered to the stable of the suddies of the suddies of the supplementation of the suddies of

NDC:64725-0080-1 in a BOTTLE of 100 TABLETS Manufactured by:

Cadila Healthcare Ltd.

Ahmedabad, India Distributed by:

Zydus Pharmaceuticals USA Inc.

Pennington, NJ 08534 Rev.: 12/11

Revision Date : 2011/12/21

HALOPERIDOL 10MG TABLETS(100CTBTL))
RX ONLY 68382-080-01
LOT; XXXX EXP: XX-XX-XX CADILA XAGED BY: T.Y.A. PHARMACEUTICALS 2930 CRESCENT DR. TALLAHASSEE, FL 32301 (850) 385-0228

Product Informa	ion							
Product Type		HUMAN PRESCRIPTION DRUG	Item Code (Source) NDC:54725-008		-0080(NI	80(NDC:68382-08		
Route of Administra	tion	ORAL						
Active Ingredien	Active Mo	iety						
	Basis of Strength			Strengt				
HALO PERIDO L (UNIE 1629 2F8 L3D) (BALO PERIDO L - UNIE 1629 2F8 L3D)				HALOPERDOL			10 mg	
Inactive Ingredie	nts							
Ingredient Name							Strength	
CALCIUM STEARATE (UNE: 776XM7047L)								
D&C YELLOW NO. 1	(UNIR 355W51	JSQ3G)						
CALCIUM PHO SPHAT	E, DIBASIC, D	HIYDRATE (UNII: O7TSZ9	TGEP)					
FD&C BLUE NO. 1 (U	NE HSR47KSTB	D)						
PO VIDO NE K30 (UNI								
SO DIUM STARCH GL	YCOLATE TY	PE A POTATO (UNE 5856	533G2A2)					
Product Characte	ristics							
Color	GREEN (LIGH	GHT GREEN)		Score		2 pieces		
Shape	OVAL (CAPS)	ULE)		Size		10 m	10 mm	
Flavor				Imprint Code		ZC;08		
Contains								
Packaging								
Item Code	Pac	kage Description	Marketi	Marketing Start Date		Marketing End Da		
	100 in 1	BOTTLE						
NDC:64725-0080-1								
NDC:64725-0080-1								
	ormation							
Marketing Inf		on Number or Monogra	ph Citation	Marketing	Start Date	Market	ing End Da	

Revised: 5/2013

Registrant - TYA Pharmaceuticals (938389038)