

Bupropion Hydrochloride Extended-Release Tablets

(XL), for oral use

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Extended-Release Tablets

(XL), for oral use

HIGHLIGHTS OF PRESCRIBING INFORMATION These highlights do not include all the information needed to use BUPROPION HYDROCHLORIDE EXTENDED-RELEASE TABLETS (XL) safely and effectively. See full prescribing information for BUPI HYDROCHLORIDE EXTENDED-RELEASE TABLETS (XL) 11:00:07 +08'00' BUPROPION HYDROCHLORIDE Extended-Release tablets (XL), for oral use nitial U.S. Approval: 1985 WARNING: SUICIDAL THOUGHTS AND BEHAVIORS

See full prescribing information for complete boxed warning.

Increased risk of suicidal thinking and behavior in children, adolescents, and young adults taking antidepressants

Monitor for worsening and emergence of suicidal thoughts and behaviors. (5.1)Discontinue if seizure occurs (4 5.3 7.3) ----INDICATIONS AND USAGE---pressure before initiating treatment and periodically during treatment. (5.4) Bunranian Hydrochloride Extended-Release Tablets is an am pressure sector initiating features and enterior great great

occur. (5.6)

- ADVERSE REACTIONS -

----- DRUG INTERACTIONS

MAOIs: Increased risk of hypertensive reactions can occur when used concomitantly with bupropion hydrochloride

ded-release tablets (XL). (7.4)

See 17 for PATIENT COUNSELING INFORMATION and Medication Guide.

7.4 Dopaminergic Drugs (Levodopa and Amantadine

7.5 Use with Alcohol

8.4 Pediatric Use

8.5 Geriatric Use

10 OVERDOSAGE

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DRUG ABUSE AND DEPENDEN

10.1 Human Overdose Experienc 10.2 Overdosage Manage

7.7 Drug-Laboratory Test Interaction

8 USE IN SPECIFIC POPULATIONS

7.2 Potential for Bupropion Hydrochloride Extended-Release Tablets (XL) to Affect Other Drugs

extended-release tablets (XI) (7.6)

test results for amphetamines. (7.7)

crease dose anadually to reduce seizure risk. (2.1. 5.3)

Starting dose: 150 mg once daily. Usual target dose: 300 mg once daily (2.2) After 4 days, may increase the dose to 300 mg once daily. (2.2) Seasonal Affective Disorder Initiate treatment in the autumn prior to onset of seasonal depressive symptoms. (2.3)

Starting dose: 150 mg once daily. Usual target dose: 300 mg once daily. (2.3)

prevention of seasonal affective disorder (SAD) (1.2)

 After one week, may increase the dose to 300 mg once daily. (2.3)
 Continue treatment through the winter season. (2.3) Moderate to severe hepatic impairment: 150 mg every other day (2.6)

Consider reducing the dose and/or frequency of dosing, (2.7, 8.6) - DOSAGE FORMS AND STRENG

Extended-release tablets: 150 mg, 300 mg (3)

Seizure disorder. (4, 5.3) Current or prior diagnosis of bulimia or anarexia nervosa. (4, 5.3)
 Abrupt discontinuation of alcohol, benzodiazepines, barbiturates, antiepileptic drugs. (4, 5.3)
 Monoamine Oxidase Inhibitors (MAOIs): Do not use MAOIs intended to treat psychiatric disorders with bupropion

hydrochloride extended-release tablets (XL) or within 14 days of stopping treatment with bupropion hydrochloride extended-release tablets (XL). Do not use bupropion hydrochloride extended-release tablets (XL) within 14 days of stopping an MAOI intended to treat psychiatric disorders. In addition, do not start bupropion hydrochloride extended-release tablets (XL) in a patient who is being treated with linezolid or intravenous methylene blue. (4, 7.6) Known hypersensitivity to bupropion or other ingredients of bupropion hydrochloride extended-release tablets (XL). (4

FULL PRESCRIBING INFORMATION: CONTENTS* INDICATIONS AND USAGE

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2.7 Dosage Adjustment in Patients with Renal Impairment 2.8 Switching a Patient to or from a Monogmine Oxidase Inhibitor (MAOI) Antidepressant

2.9 Use of Bupropion Hydrochloride Extended-Release Tablets (XL) with Reversible MAOIs such as Linezolid or Methylene Blue 3 DOSAGE FORMS AND STRENGTHS

WARNING: SUICIDAL THOUGHTS AND BEHAVIORS

In patients of all ages who are started on antidepressant therapy, monitor closely for worsening, and for

Bupropion hydrochloride extended-release tablets (XL) should be swallowed whole and not crushed, divided, or chewed.

The recommended starting dose for MDD is 150 mg once daily in the morning. After 4 days of dosing, the dose may be increased to the target dose of 300 mg once daily in the morning.

(XL) in the autumn, prior to the onset of depressive symptoms. Continue treatment through the winter season. Tager and discontinue bupropion hydrochloride extended-release tablets (XL) in early spring. For patients treated with 300 mg per day.

accommo euoprojour nyrocommo exteniace-reases autos; atx in euory spring, ror poments retured with 300 in ground decreases the dose to 150 mg once daily before discontinuing buyeropion hydrochloride extended-felors tablets (XL). Individualize the timing of initiation, and duration of treatment should be individualized, based on the patient's historical

2.4 Switching Patients from Bupropion Hydrochloride Tablets or from Bupropion Hydrochloride SR

2.5 To Discontinue bupropion hydrochloride extended-release tablets (XL), Taper the Do

extended-release tablets (XL), give the same total daily dose when possible

daily, decrease the dose to 150 mg once daily prior to disco

2.7 Dose Adjustment in Patients with Renal Impairment

2.6 Dosage Adjustment in Patients with Hepatic Impairment

When switching patients from bupropion hydrochloride tablets to bupropion hydrochloride extended-release tablets (2) from bupropion hydrochloride extended-release tablets SR Sustained-Release Tablets to bupropion hydroch

When discontinuing treatment in patients treated with bupropion hydrochloride extended-release tablets (XL) 300 mg once

In patients with moderate to severe hepatic impairment (Child-Pugh store: 7 to 15), the maximum dose is 150 mg of other day. In patients with mild hepatic impairment (Child-Pugh store: 5 to 6), consider reducing the dose and/or for of dosing (see Use in Specific Populations (8.7) and Clinical Pharmacology (17.3)).

Consider reducing the dose and/or frequency of BUPROPION HYDROCHLORIDE in patients with renal impairment (c

In some cases, a patient already receiving therapy with bupropion hydrochloride extended-release tablets (XL) may require

Consider reducing the dose and/or requency of absorber in Indocessaria.

Specific Populations (8.6) and Clinical Pharmacology (12.3)].

2.8 Switching a Patient to or from a Monoamine Oxidase Inhibitor (MAOI) Antidepressant

des of depression require several months or longer of antidepressant treatr

emergence of suicidal thoughts and behaviors. Advise families and caregivers of the need for close observation and communication with the prescriber [see Warnings and Precautions (5.1)].

4 CONTRAINDICATIONS WARNINGS AND PRECAUTIONS 5.1 Suicidal Thoughts and Behaviors in Children, Adolescents, and Young Adults

1.1 Major Depressive Disorder (MDD)
1.2 Seasonal Affective Disorder (SAD)

5.4 Hypertension 5.5 Activation of Mania/Hypom

5.6 Psychosis and Other Neuropsychiatric Reaction 5.7 Angle-Closure Glaucome 6 ADVERSE REACTIONS 6.1 Clinical Trials Experience

SUICIDALITY AND ANTIDEPRESSANT DRUGS

6.2 Postmarketing Experience

FULL PRESCRIBING INFORMATION

I INDICATIONS AND USAGE

1.1 Major Depressive Disorder (MDD)

1.2 Seasonal Affective Disorder (SAD)

as defined in the DSM [see Clinical Studies (14.2)]

2.2 Dosage for Major Depressive Disorder (MDD)

2 DOSAGE AND ADMINISTRATION

2.1 General Instructions for Use

pattern of seasonal MDD episodes

defined by the Diagnostic and Statistical Manual (DSM).

n patients with a diagnosis of seasonal affective disorder (SAD).

7 DRUG INTERACTIONS .1 Potential for Other Drugs to Affect bupropion Hydrochloride Extended-Release Tablets (XL)

doses much lower than 1 mg per kg with bupropion hydrochloride extended-release tablets (XL) is unclear. The clinician should pertheless, be aware of the possibility of a drug interaction with such use [see Contraindications (4) and Drug Interactions 5.7 Angle-Closure Glaucoma adults in short-term trials. These trials did not show an increase in the risk of suicidal thoughts with antidepressant use in subjects aged 65 and older [see Warnings and Precautions (5.1)].

Sections or subsections omitted from the full prescribing information are not lister

Bupropion hydrochloride extended-release tablets (XL), 150 mg are white, round, film-coated, unscored tablets, imprinted with "150 XL" in black ink on one side of the tablet and blank on the other side. tupropion hydrochloride extended-release tablets (XL), 300 mg are white, round, film-coated, unscored tablets, imprinted

Bupropion hydrochloride extended-release tablets (XL) are indicated for the treatment of major depressive disorder (MDD), as Bupropion hydrochloride extended-release tablets (XL) are contraindicated in patients with a current or prior diagnosis of of breath) during

The efficacy of the immediate-release formulation of bupropion was established in two 4-week controlled inpatient trials and one 6-week controlled outpatient trial of adult patients with MDD. The efficacy of the sustained-release formulation of bupropion in the maintenance treatment of MDD was established in a long-term (up to 44 weeks), placebo-Bupropion hydrochloride extended-release tablets (XL) are contraindicated in patients undergoing abrupt discontinu of alcohol, benzodiazepines, barbiturates, and antiepileptic drugs (see Warnings and Precautions (5.3) and Drug 6 ADVERSE REACTIONS patients who had responded to bupropion in an 8-week study of acute treatment [see Clinical Studies (14.1)].

of alchol, benzodiazepines, barbiturates, and annephephic arugs (see Yrariangs and Precautions (7.3)].

Interactions (7.3):
The use of MADIs (intended to treat psychiatric disorders) concomitantly with bupropion hydrochloride extended-release valides (X) is solicided thoughts and behaviors in children, adolescents, and young adults (see Warnings and Precautions (5.1)] solicided. There is an increased risk of hypertensive reactions when bupropion hydrochloride extended-release tablets (X1) is used concomitantly with MADIs. The use of bupropion hydrochloride extended-release tablets (X2) is used concomitantly with MADIs. The use of bupropion hydrochloride extended-release tablets (X2) is used concomitantly with MADIs. The use of bupropion hydrochloride extended-release tablets (X2) in a patient treated with reversible MADIs such as lineability in the manual propion in the propion hydrochloride extended-release tablets (X2) in a patient treated with reversible MADIs such as lineability or introvenous methylene blue is contraindicated.

The following adverse reactions are discussed in greater detail in other sections of "war labeling:

Sucidal thoughts and behaviors in children, adolescents, and young adults (see Warnings and Precautions (5.1)]

Neuropsychiatric adverse events and suicide risk in smoking cessation treatment (see Warnings and Precautions (5.3)]

Hypertension (see Warnings and Precautions (5.3)]

Hypertension (see Warnings and Precautions (5.5)]

Psychosis and other neuropsychiatric cents (see Warnings and Precautions (5.6)]

Apple (See Warnings and Precautions (5.6)) Bupropion hydrochloride extended-release tablets (XL) are indicated for the prevention of seasonal major depressive episodes The efficacy of bupropion hydrochloride extended-release tablets in the prevention of seasonal major depressive episodes was established in 3 placebo-controlled trials in adult outpatients with a history of MDD with an autumn-winter seasonal pattern

[see Dosage and Administration (2.9), Warnings and Precautions (5.4), and Ting Interactions (7.6)].

Angle-Closure Discovered Bupropion hydrochloride extended-release toblets (XI) are contraindicated in patients with known hypersensitivity to bupropion or other ingredients of bupropion hydrochloride extended-release toblets. (XI). Annohylactoid/anophylactic 6.1 Clinical Trials Experien bupropion or other ingredients of bupropion hydrochloride exteriorements and Stevens-Johnson Syndrome have been reported [see Warnings and Proceedings (5.8)]. To minimize the risk of seizure, increase the dose gradually [see Warnings and Precautions (5.3)].

Bupropion hydrochloride extended-release tablets (XL) should be administered in the morning and may be taken with or 5.1 Suicidal Thoughts and Behaviors in Children, Adolescents, and Young Adults 5.1 Suicidal Thoughts and Behaviors in Children, Adolescents, and Young Adults
Patients with major depressive disorder (MDD), both adult and pediatrit, may experience worsening of their depression and/or the emergence of suicidal ideation and behavior (suicidality) or amusual changes in behavior, whicher or not they are taking and certain other psychiatric disorders, and this risk-may persist until significant remission accors. Suicide is a known risk of depression and certain other psychiatric disorders, and these disorders hemselves are the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide in the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There was a suicine of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide. There has been a december of the strongest predictors of suicide in the strongest predictors of suicides. There was a suicine of the strongest predictors of suicides are suicine

Pooled analyses of shart-term placebo-controlled trials at antidepressant drugs (Selective Serotonin Reuptake Inhibitors (SSRB) and others). However, and others a source of the trials at antidepressant drugs (Selective Serotonin Reuptake Inhibitors (SSRB) and others). However, and others are drugs increased to the target dose of ro SAD is 150 mg once daily. After 7 days of dosing, the dose may be increased to the target dose of SAD trials.

SAD trials.

Pooled analyses of shart-term placebo-controlled trials at antidepressant drugs (Selective Serotonin Reuptake Inhibitors (SSRB) and others), swerting, finantize, and urinary frequency.

Pooled analyses of shart-term placebo-controlled trials at unitide pressant drugs (Selective Serotonin Reuptake Inhibitors (SSRB) and others), swerting in the dose of SAD (state) and others), swerting in the dose of SAD (state) and others of suited of the target of the target of the target of the state of the

dose of 300 mg once daily in the morning. Doses above 300 mg of bupropion HCl extended-release were not assessed in the SAD trials.

Table of presents the incidence of body weight changes (a bigg of the proposition of substance) and other control of the prevention of seasonal MDD episodes associated with SAD, initiate bupropion HCl extended-release balls of adverse reactions. Continue treatment through the winter season. Table or reactions from the prevention of seasonal MDD episodes associated with SAD, initiate bupropion mydrochloride extended-release balls on analyses of placebes controlled trials in adults with MDD or other psychiatric disorders included a total of 24 short-term trials. If you for months, and the control of seasonal MDD episodes associated with SAD, initiate bupropion mydrochloride extended-release balls on analyses of placebes controlled trials in adults with MDD or other psychiatric disorders included a total of 295 short-term trials. If you for months, and the control of seasonal MDD episodes associated with SAD, initiate bupropion mydrochloride extended-release balls on analyses of placebes controlled trials in adults with MDD or other psychiatric disorders included a total of 295 short-term trials. If you for months, and the prevention of seasonal MDD episodes associated with SAD, initiate bupropion HCl Extended-Release, and Bupropion HCl Extended-Release, and Bupropion HCl Extended-Release, and Bupropion HCl Extended-Release, and Bupropion HCl extended trials in adults with MDD or other psychiatric disorders included a total of 295 short-term trials. If you for months, and the prevention of subjects in the bupropion mydrochloride extended-release bupropion mydrochloride extended-release bupropion HCl extended-Release, and Bupropion HCl extended-Release, and Bupropion HCl extended-Release, and Bupropion HCl extended-Release, and Bupropion HCl extended trials in adults with MDD or other psychiatric disorders included a total of 295 short-term trials. If you for months, and the preventio (median duration of 2 months) of 11 antidepressant drugs in over 77,000 patients. There was considerable variation in risk of In placebo-controlled clinical trials with bupropion HCI sustained-release, 4%, 9%, and 11% of the placebo, 300 mg/suspension of the sustained release of adverse reactions. The specific adverse reactions a differences in absolute risk of suit/dollity across the differences in differences in absolute risk of suit/dollity across the different indications, with the highest incidence in MDD. The risk differences to discontinuation in at least 1% of the 300 mg/day or 400 mg/day groups and at a rate at least twice the placebo

unters in absolute risk of suicidality across the different indications, with the highest incidence in MDD. The risk differences in discontinuation in at least 1% of the 300 mg/day or 400 mg/day groups and at a rate at least twice the placebo rate are least 1% of the 300 mg/day or 400 mg/day groups and at a rate at least twice the placebo rate are least 1% of the 300 mg/day or 400 mg/day groups and at a rate at least twice the placebo rate are least 1% of the 300 mg/day or 400 mg/day groups and at a rate at least twice the placebo rate are

es in the Number of Suicidality Cases by Age Group in the Pooled Placebo-Controlled Drug-Placebo Difference in Number of Cases Age Range of Suicidality per 1000 Patients Treated

ared to Placebo 5 additional cases 1 fewer case 6 fewer cases occurred in any of the pediatric trials. There were suicides in the adult trials, but the number was not sufficient to

each any conclusion about drug effect on suicide. substantial evidence from placebo-controlled maintenance trials in adults with depression that the use of antidepressants can

At least 14 days should elapse between discontinuation of an MADI intended to treat depression and initiation of therapy with bupropion hydrochloride extended-release tablets (VL). Conversely, at lines 14 days should be allowed after stopping bupropion hydrochloride extended-release tablets (VL). Conversely, at lines 14 days should be allowed after stopping bupropion hydrochloride extended-release tablets (VL). Defiver starting an MADI entidepressant [see Contraindications (4) and observed closely for clinical worsening, suicidality, and unusual changes in behavior, especially during the initial few months of a course of drug therapy, or at times of dose changes, either increases or decreases [see Boxed Warning and Use in Specific Populations (8.4)].

Methylene Blue

The following symptoms, anxiety, agitation, panic attacks, insomnia, irritability, hostility, aggressiveness, impulsivity, akathisia

Do not start bupropion hydrochloride extended-release tablets (XL) in a patient who is being treated with a reversible MAOI such

(psychomotor restlessness), hypomania, and mania, have been reported in adult and pediatric patients being treated with as linezalid or intravenous methylene blue. Drug interactions can increase risk of hypertensive reactions. In a patient who antidepressants for major depressive disorder as well as for other indications, both psychiatric and nonasychiatric. Although a requires more urgent treatment of a psychiatric condition, non-pharmacological interventions, including hospitalization, should be considered [see Contraindications (4)].

argent freatment are not available and the potential benefits of linezolid or intravenous methylene blue. If acceptable alternatives to linezolid or intravenous methylene blue are the consideration of the consideration should be given to changing the therapeutic regimen, including possibly discontinuing the medication, in patients blue treatment are included to whose depression is persistently worse, or who are experiencing emergent suicidality or symptoms that might be precursors to outweigh the risks of hypertensive reactions in a particular patient, bupropion hydrochloride extended-release tablets (XL) worsening depression or suicidality, especially if these symptoms are severe, abrupt in onset, or were not part of the patient's should be stopped promptly, and linezolid or intravenous methylene blue can be administered. The patient should be monitored for 2 weeks or until 24 hours after the last dose of linezolid or intravenous methylene blue, whichever comes first. Therapy with bupropion hydrochloride extended-release tablets (XL) may be resumed 24 hours after the last dose of linezolid or intravenous methylene blue, whichever comes first. Therapy with bupropion hydrochloride extended-release tablets (XL) may be resumed 24 hours after the last dose of linezolid or intravenous methylene blue, whichever comes first. Therapy with bupropion hydrochloride extended-release tablets (XL) may be resumed 24 hours after the last dose of linezolid or intravenous methylene blue, whichever comes first. Therapy with bupropion hydrochloride extended-release tablets (XL) may be resumed 24 hours after the last dose of linezolid or intravenous methylene blue, whichever comes first. Therapy with bupropion hydrochloride extended-release tablets (XL) may be resumed 24 hours after the last dose of linezolid or intravenous methylene blue, whichever comes first. Therapy with bupropion hydrochloride extended-release tablets (XL) may be resumed 24 hours after the last dose of linezolid or intravenous methylene blue, whichever comes first. Therapy with a first company of the last dose of linezolid or intravenous methylene blue, whichever comes first. Therapy with a first company of the last dose of linezolid or intravenous methylene blue, whichever comes first. Therapy with a first company of the last dose of linezolid or intravenous methylene blue, whichever comes first. Therapy with a first company of the last dose of linezolid or intravenous methylene blue, whichever comes first. Therapy with a first company of the last dose of linezolid or intravenous methylene blue, which we have a first company of the last dose of linezolid or intravenous methylene blue, which we have a first company of the last dose of linezolid or intravenous methylene blue, which we hav

Neuropsychiatric Adverse Events During Smoking Cassation: Postmarketing reports of serious or clinically significant neuropsychiatric adverse events have included changes in mood (including depression and mania), psychosis, hallucinations, paranoia, delusions, hamicidal ideation, aggression, hostility, agitation, anxiety, and ponic, as well as hydrochloride extended-release tablets (XL) should be written for the smallest quantity of tablets consistent with Rody (Fenerall) suicidal ideation, suicide attempt, and completed suicide. Observe patients attempting to quit smoking with bupropion hydrochloride extended-release tablets (XL) for the accurrence of such symptoms and instruct them to discontinue. bupropion hydrochloride extended-release tablets (XL) and contact a healthcare provider if they experience such adverse Bupropion hydrochloride extended-release tablets (XL) are not approved for smoking cessation treatment; however, bupropion HCl sustained-release is approved for this use. Serious neuropsychiatric adverse events have been reported in patients taking Seizure Risk: The risk is dose-related. Can minimize risk by limiting daily dose to 450 mg and gradually increasing the bupropion for smoking cessation. These postmarketing reports have included changes in mood (including depression and mania), psychosis, hallucinations, paranoia, delusions, homicidal ideation, hostility, agiation, auxiety, and panic, as well as suicidal ideation, suicide attempt, and completed suicide [see Adverse Reactions (6.2)]. Some patients who stopped smoking may have been experiencing symptoms of nicotine withdrawal, including depressed mood. Depression, rarely including suicidal ideation, hos been reported in smokers undergoing a smoking assistant attempt without medication. However, some of these adverse events occurred in patients taking bupropion who continued to smoke. Angle-Closure Glaucoma: Angle-closure glaucoma has occurred in patients with untreated anatomically narrow angles

emergence of agitation, irritability, unusual changes in behavior, and the other symptoms described above, as Table 3: Adverse Reactions in Placebo-Controlled Trials in Patients with MDD

Neuropsychiatric adverse events occurred in patients without and with pre-existing psychiatric disease: some patients experienced worsening of their psychiatric illnesses. Observe patients for the occurrence of neuropsychiatric adverse events. experiences worsening or meir psychiatric uniesses. Duserve patients for the occurrence or neuropsychiatric adverse events.

Advise patients and caregivers that he patient should step taking Bupropion hydrochloride extended-releases fablets (XL) and
contact a healthcare provider immediately if agilation, depressed mood, or changes in behavior or thinking that are not typical ADVENSE KRACKIUNS

Most common adverse reactions are (incidence > 5%; > 2* placebo rate): dry mouth, nausea, insomnia, dizziness, pharyngitis, abdominal pain, agitation, anxiety, tremor, polpitation, sweating, tinnitus, myalgia, anorexia, urinary frequency, rash. (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Epic Pharma, LLC at 1-888-374-2791 or FDA at 5.3 Seizure

CYP286 inducers: Dose increase may be necessary if coadministed with CYP286 inducers (e.g., ritonavir, lopinavir, efavirenz, carbamazepine, phenobarbital, and phenytoin) based on clinical exposure, but should not exceed the maximum of exceed 300 mg once daily. Increase the dose gradually. Discontinue bupropion hydrochloride extended-release tablets (XL) can cause seizure. The risk of seizure is dose-related. The dose should not exceed 300 mg once daily. Increase the dose gradually. Discontinue bupropion hydrochloride extended (XL) can cause seizure. The risk of seizure is dose-related. The dose should not exceed 300 mg once daily. Increase the dose gradually. Discontinue bupropion hydrochloride extended (XL) can cause seizure. The risk of seizure is dose-related. The dose should not exceed 300 mg once daily. Increase the dose gradually. Discontinue bupropion hydrochloride extended (XL) can cause seizure. The risk of seizure is dose-related. The dose should not exceed 300 mg once daily. Increase the dose gradually. Discontinue bupropion hydrochloride extended (XL) can cause seizure. The risk of seizure is dose-related. The dose should not exceed 300 mg once daily. Increase the dose gradually. Discontinue bupropion hydrochloride extended (XL) can cause seizure. The risk of seizure is dose-related. The dose should not exceed 300 mg once daily. Increase the dose gradually. Discontinue bupropion hydrochloride extended (XL) can cause seizure is dose-related. The dose should not exceed 300 mg once daily. Increase the dose gradually. and do not restart treatment if the nations experiences a seizure Druas metabolized by CYP2D6: Bupropion inhibits CYP2D6 and can increase concentrations of: antidepressants (e.g., The risk of seizures is also related to patient factors, clinical situations, and concomitant medications that lower the seizure

venlafaxine, nortriptyline, imipromine, designamine, proposatine, fluoxetine, sertraline), antipsychotics (e.g., haloperidol, risperidone, thioridazine), beta-blockers (e.g., metoprolol), and Type 1C antiarrhythmics (e.g., propofenone, flecalnide).

Bupropion hydrochloride extended-release tablets (XL) is contraindicated in patients with a seizure disorder or conditions that increase the risk of seizure (e.g., severe head injury, arteriovenous malformation, CNS tumor or CNS infection, severe stroke, ancexian ervosa or bulimia, or abruyt discontinuation of alcohol, benzadiazepines, boributurates, and antiepilepitic drugs (See Contraindications (4)). The following conditions can also increase the risk of seizure: concenitant use of other medications that Dopaminergic Drugs (levodopa and amantadine): CNS toxicity can occur when used concomitantly with bupropion lower the seizure threshold (e.g., other bupropion products, antipsychotics, tricyclic antidepressants, theophylline, and systemic confrosteroids, seven health (e.g., one opposition) of the confrosteroids, severe heaptic impairment, and systems, confrosteroids, severe heaptic impairment, and systems, or severe heaptic impairment, and systems are severe heapting and systems. Orug-laboratory test interactions: bupropion hydrochloride extended-release tablets (XL) can cause false-positive urine include diabetes mellitus treated with oral hypoglycemic drugs or insulin, use of anorectic drugs, excessive use of alcohol,

> Rev. 03/2020
> The incidence of seizure with buptopion hydrochloride extended-release tablets (XL) has not been formally evaluated in clinical tricles. In studies using buptopion HCI sustained-release up to 300 mg per day the incidence of seizure was approximately 0.1% [1/1000 patients]. In a large prospective, follow-up study, the seizure incidence was approximately 0.4% [13/3200] with propion HCl immediate-release in the range of 300 mg to 450 mg per day. Additional data accumulated for bupropion immediate-release suggests that the estimated seizure incidence increases almost tenfold between 450 and 600 mg/day. The risk of seizure can be reduced if the bupropion hydrochloride extended-release

tablets (XL) dose does not exceed 450 mg once daily and the titration rate is gradual. 5.4 Hypertension Treatment with bupropion hydrochloride extended-release tablets (XL) can result in elevated blood pressure and hypertension.

periodically during treatment. The risk of hypertension is increased if buyropion hydrochloride extended-release tables (XL) are used concomitantly with MAOIs or other drugs that increase dopaminergic or nord-renergic activity (see Contraindications Data from a comparative trial of the sustained-release formulation of bupropion HCL, nicotine transdermal system (NTS), the ination of sustained-release bupropion plus NTS, and placebo as an aid to smoking cessation suggest a higher i of treatment-emergent hypertension in patients treated with the combination of sustained-release bupropion and NTS. In this

trial, 6.1% of subjects treated with the combination of sustained-release bupropion and NTS had treatment-emergent

hop can be subjected to 2.5%, 1.6%, and 3.1% of subjects treated with sustained-release bupropion, NTS, and placebo, respectively. The majority of these subjects had evidence of pre-existing hypertension. Three subjects (1.2%) treated with the mbination of sustained-release bupropion and NTS and 1 subject (0.4%) treated with NTS had study medication discontinued due to hyperfension compared with none of the subjects treated with sustained-release bupropion or placebo. Monitoring of blood pressure is recommended in patients who receive the combination of bupropion and nicotine replacement. In the 3 trials of bupropion HCl extended-release in seasonal affective disorder, there were significant elevations in blood.

The following additional adverse reactions occurred in controlled trials of bupropion HCl imm

of bupropion exposure was 126 days.

In a clinical trial of bupropion immediate-release in MDD subjects with stable congestive heart failure (N = 36), bupropion was discontinuation in at least 1% of patients treated with but a clinical trial of bupropion immediate-release in MDD subjects with stable congestive heart failure (N = 36), bupropion was There are no controlled studies assessing the safety of bupropion in patients with a recent history of myocardial infarction or Table 4 summarizes the adverse reactions that occurred in patients treated with bupropion hydrochloride extended-releases.

5.5 Activation of Mania/Hypomani

Incidence of Seizure with Bupropion Use

patients with bipolar disorder or who have risk factors for bipolar disorder. Prior to initiating bupropion hydrochloride extended-release tablets (XL), screen patients for a history of bipolar disorder and the presence of risk factors for bipolar disorder (e.g., family history of bipolar disorder, suicide, or depression). Bupropion hydrochloride extended-release tablets (XL) are not approved for the treatment of bipolar depression.

5.6 Psychosis and Other Neuropsychiatric Reactions

Depressed patients treated with bupropion have had a variety of neuropsychiatric signs and symptoms, including delusions, halluctinations, psychosis, concentration disturbance, paranoia and confusion. Some of these patients had a diagnosis of bipolar disorder. In some cases, these symptoms abouted upon dose raducting and/or withdrawal of treatment. Discontinue bupropion hydrochloride extended-release tablets (XL) if the

Angle-Closure Glaucoma: The pupillary dilation that occurs following use of many antidepressant drugs including bupropion hydrochloride extended-release tablets (XL) may trigger an a who does not have a patent iridectomy.

Anaphylactoid/anaphylactic reactions have occurred during clinical trials with buproplan. Reactions have been the pruritus, urticaria, angioedema, and dyspnea, requiring medical treatment. In addition, there have been rare postmarkeling reports of erythema multiforme, Stevens Johnson Syndrome, and anaphylactic shock associated w develop an allergic or anaphylactoid/anaphylactic reaction (e.g., skin rash, pruritus, hives, che

pupropion nyarocnionide extended-release toblets (AL) are contraindicated in patients with a current or prior diagnosis of building or annexed nervosa as a higher incidence of seizures was observed in such patients treated with bupropion. There are reports of arthralgia, myalgia, lever with rash and other symptoms of serum sickness.

There are reports of arthralgia, myalgia, lever with rash and other symptoms of serum sickness.

Psychosis and other neuropsychiatric events [see Warnings and Angle-Closure Glaucoma [see Warnings and Precautions (5.7)]

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practic Commonly Observed Adverse Reactions in Controlled Clinical Trials of Sustained-Release Bupropion

omiting, seizures, and sleep disturbance

higher proportion of subjects in the bupropion group (23%) had a weight loss ≥ 5 lbs, compared to the placebo group (11%). ssant drugs in over 77,000 patients. There was considerable variation in risk of In placebo-controlled clinical trials with buyropion HCl sustained-release. 4%. 9%. and 11% of the placeho. 300 ma/day and

ebo difference in the number of cases of suicidality per 1,000 patients treated) are provided Table 2: Treatment Discontinuation Due to Adverse Reactions in Placebo-Controlled Trials in MDD

Adverse Reaction | Placebo | Bupropion HCl Sustained-Release | Bupropion HCl Sustained-Release The following adverse reactions have been identified during post-approval use of bupropion hydrochloride extended-release 0.0% 0.3% 1.8% Agitation Migraine 0.3% 1.8% Cardiovascular

Adverse Reactions Occurring at an Incidence of > 1% in Patients Treated with Bupropion HCI Immediate-Release

sustained-release 300 mg/day and 400 mg/day. These include reactions that occurred in either the 300 mg or 400 mg group liver damage, pancreatitis, and stomach ulcer at an incidence of 1% or more and were more frequent than in the placebo group.

300 mg/day(n=376) system stimulati 11% Assess blood pressure before initiating treatment with bupropion hydrochloride extended-release tablets (XL), and monitor

Placebo Bupropion HCl Sustained-Release Bupropion HCl Sustained-Release

Urinary urgency † Hyphen denotes adverse reactions occurring in greater than 0 but less than 0.5% of patients.

Blurred vision or diplopic

300 mg per day, and 18% were treated with 150 mg per day. The mean daily dose was 270 mg per day. The mean duration In placebo-controlled clinical trials in SAD, 9% of patients treated with bupropion hydrochloride extend

The Sub Durpler In the Authority related in a second in the Sub Durpler In the Sub Durple

and 5% of patients treated with placebo discontinued treatment because of adverse reactions. The adverse reactions leading to discontinuation in at least 1% of patients treated with bupropion and at a rate numerically greater than the placebo rate were

tables (XL) for up, to approximately 6 months in 3 placebe-controlled trials. These include reactions that occurred at an incidence of 2% or more and were more frequent than in the placebo group.

Antidepressant treatment can precipitate a manic, mixed, or hypomanic manic episode. The risk appears to be increased in polients with bipolar disorder or who have risk factors for binalar disorder. Prior to initiative hypomanican hydrotheside.

System Organ Class/Preferred Term	Placebo(n=511)	Bupropion HCl Extended-Release(n=537)
Gastrointestinal Disorder		
Dry mouth	15%	26%
Nausea	8%	13%
Constipation	2%	9%
Flatulence	3%	6%
Abdominal pain	<1%	2%
Nervous System Disorders		
Headache	26%	34%
Dizziness	5%	6%
Tremor	<1%	3%
Infections and Infestations		
Nasopharyngitis	12%	13%
Upper respiratory tract infection	8%	9%
Sinusitis	4%	5%
Psychiatric Disorders	1000	0100
Insomnia	13%	20%
Anxiety	5%	7%
Abnormal dreams	2%	3%
Agitation	<1%	2%
Musculoskeletal and Connective Tissue Disorders		
Myalgia	2%	3%
Pain in extremity	2%	3%
19 8974 (1449) 8180 (150)	2/0	3/0
Respiratory, Thoracic, and Mediastinal Disorders		
Cough	3%	4%
General Disorders and Administration Site Conditions	10000	10000
Feeling jittery	2%	3%
Skin and Subcutaneous Tissue Disorders		
Rash	2%	3%
Metabolism and Nutrition Disorders		
Decreased appetite	1%	4%
Reproductive System and Breast Disorders		
Dysmenorrhea	<1%	2%
Ear and Labyrinth Disorders	-170	A.CV
Tinnitus	<1%	3%
	~1%	3%
Vascular Disorders		
Hypertension	0%	2%

Table 5 presents the incidence of body weight changes (≥ 5 lbs) in the short-term MDD trials using bupropion HCl

sustained-release. There was a dose-related decrease in body weight. Table 5: Incidence of Weight Gain or Weight Loss (≥ 5 lbs) in MDD Trials Using Bupropion HCl Sust

Bupropion HCI Sustained-Release | Bupropion HCI Sustained-Release

Table 6: Incidence of Weight Gain or Weight Loss (≥ 5 lbs) in SAD Trials Using Bupropion HCl Extended-Release Bupropion HCl Extended-Release 150 to 300 mg/day

Placebo (n=511)

tablets (XL). 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 Body (General) Chills, facial edema, edema, peripheral edema, musculoskeletal chest pain, photosensitivity, and malaise

Reactions resulting in discontinuation (in addition to those listed above for the sustained-release formulation) included Postural hypotension, hypertension, stroke, vasadilation, syncope, complete atrioventricular block, extrasystoles, myocardial

Abnormal liver function, bruxism, aastric reflux, gingivitis, alossitis, increased salivation, jaundice, mouth ulcers, stomatitis, Table 3 summarizes the adverse reactions that occurred in placebo-controlled trials in patients treated with bupropion HCl thirst, edema of longue, collis, esophogisis, gastrointestinal hemorrhage, gum hemorrhage, hepatitis, intestinal perforation,

> Hyperglycemia, hypoglycemia, and syndrome of inappropriate antidiuretic hormone secretion **Hemic and Lymphatic**

Ecchymosis, anemia, leukocytosis, leukopenia, lymphadenopathy, pancytopenia, and thrombocytopenia. Altered PT and/or

Metabolic and Nutritiona

Musculoskeletal Leg cramps, fever/rhabdomyolysis, and muscle weakness

Nervous System Abnormal coordination, depersonalization, emotional lability, hyperkinesia, hypertonia, hypesthesia, vertigo, amnesia, ataxia derealization, abnormal electroencephologram (EEG), aggression, okinesia, ophosia, come, dysarthria, dyskinesia, dystonic euphoria, extrapyramidal syndrome, hypokinesia, increased libido, neuralgia, neuropathy, paranoid ideation, restlessness, **MEDICATION GUIDE**

BUPROPION HYDROCHLORIDE Extended-Release tablets, USP (XL) (bue proe' pee on hye" droe klor' ide) IMPORTANT: Be sure to read the three sections of this Medication Guide. The first section is about the risk of suicidal thoughts and actions with

antidepressant medicines; the second section is about the risk of changes in thinking and behavior, depression and suicidal thoughts or actions with medicines used to quit smoking; and the third section is entitled "What Other Important Information Should I Know About Bupropion Hydrochloride Extended-Release Tablets (XL)?"

Antidepressant Medicines, Depression and Other Serious Mental Illnesses, and Suicidal Thoughts or Actions

This section of the Medication Guide is only about the risk of suicidal thoughts and actions with antidepressant medicines.

What is the most important information I should know about antidepressant medicines, depression and other serious mental illnesses, and suicidal thoughts or actions?

. Antidepressant medicines may increase the risk of suicidal thoughts or actions in some children, teenagers, or young adults within the first few months of treatment.

Pay close attention to any charges, especially sudden changes, in mood, behaviors, thoughts, or feelings. This is very important when an antidepressant

2. Depression or other serious mental illnesses are the most important causes of suicidal thoughts and actions. Some people may have a particularly high risk of having suicidal thoughts or actions. These include people who have (or have a family history of) bipolar illness (also called

manic-depressive illness) or suicidal thoughts or actions. . How can I watch for and try to prevent suicidal thoughts and actions in myself or a family member?

medicine is started or when the dose is changed

• Call your healthcare provider right away to report new or sudden changes in mood, behavior, thoughts, or feelings. Keep all follow up visits with your healthcare provider as scheduled. Call the healthcare provider between visits as needed, especially if you have concerns about

Call your healthcare provider right away if you or your family member has any of the following symptoms, especially if they are new, worse, or

trouble sleeping (insomnia)

 new or worse irritability acting aggressive, being angry, or violent

· acting on dangerous impulses • an extreme increase in activity and talking (mania) other unusual changes in behavior or mood

What else do I need to know about antidepressant medicines? Never-stop an antidepressant medicine without first talking to a healthcare provider. Stopping an antidepressant medicine suddenly can cause other

Antidepressants are medicines used to treat depression and other illnesses. It is important to discuss all the risks of treating depression and also the risks ng it. Patients and their families or other caregivers should discuss all treatment choices with the healthcare provider, not just the use of antidepressant Antidepressant medicines have other side effects. Talk to the healthcare provider about the side effects of the medicine prescribed for you or your family

depressant medicines can interact with other medicines. Know all of the medicines that you or your family member takes. Keep a list of all medicines to show the healthcare provider. Do not start new medicines without first checking with your healthcare provider. It is not known if bupropion hydrochloride extended-release tablets (XL) is safe and effective in children under the age of 18.

Quitting Smoking, Quit-Smoking Medications, Changes in Thinking and Behavior, Depression, and Suicidal Thoughts or Actions

This section of the Medication Guide is only about the risk of changes in thinking and behavior, depression and suicidal thoughts or actions with drugs used to quit smoking. Although bupropion hydrochloride extended-release tablets (XL) are not a treatment for quitting smoking, it contains the same active ingredient (bupropion hydrochloride) as ZYBAN® which is used to help patients quit smoking.

Talk to your healthcare provider or your family member's healthcare provider about: • all risks and benefits of quit-smoking medicines.

all treatment choices for quitting smoking.

worry you:

thoughts about suicide or dying

attempts to commit suicide

• feeling very agitated or restles:

new or worse depression

new or worse anxiety

When you try to quit smoking, with or without bupropion you may have symptoms that may be due to nicotine withdrawal, including

 urge to smoke frustration restlessness depressed mood angerfeeling anxious decreased heart rate increased appetite trouble sleeping irritability difficulty concentrating weight gain

Some people have even experienced suicidal thoughts when trying to quit smoking without medication. Sometimes quitting smoking can lead to worsening of mental health problems that you already have, such as depression.

Some people have had serious side effects while taking bupropion to help them quit smoking, including:

New or worse mental health problems, such as changes in behavior or thinking, aggression, hostility, agitation, depression, or suicidal thoughts or actions. Some people had these symptoms when they began taking bupropion, and others developed them after several weeks of treatment, or after stopping bupropion. These symptoms happened more often in people who had a history of mental health problems before taking bupropion than in people without a history

Stop taking bupropion hydrochloride extended-release tablets (XL) and call your healthcare provider right away if you, your family, or caregiver notice any of these symptoms. Work with your healthcare provider to decide whether you should continue to take bupropion hydrochloride extended-release tablets (XL). In many people, these symptoms went away after stopping bupropion hydrochloride extended-release tablets (XL), but in some people symptoms continued after stopping bupropion hydrochloride extended release tablets (XL). It is important for you to follow-up with your healthcare provider until your symptoms go away. Before taking bupropion hydrochloride extended-release tablets (XL), tell your healthcare provider if you have ever had depression or other mental health problems. You should also tell your healthcare provider about any symptoms you had during other times you tried to quit smoking, with or without

What Other Important Information Should I Know About Bupropion Hydrochloride Extended-Release Tablets (XL)?

Seizures: There is a chance of having a seizure (convulsion, fit) with bupropion hydrochloride extended-release tablets (XL), especially in

o with certain medical problems.

The chance of having seizures increases with higher doses of bupropion hydrochloride extended-release tablets (XL). For more information, see the sections "Who should not take bupropion hydrochloride extended-release tablets (XL)?" and "What should I tell my healthcare provider before taking bupropion hydrochloride extended-release tablets (XL)?" Tell your healthcare provider about all of your medical conditions and all the medicines you take. Do not take any other medicines while you are taking bupropion hydrochloride extended-release tablets (XL) unless your healthcare provider has said it is okay to take them. If you have a seizure while taking bupropion hydrochloride extended-release tablets (XL), stop taking the tablets and call your healthcare

provider right away. Do not take bupropion hydrochloride extended-release tablets (XL) again if you have a seizure. • High blood pressure (hypertension). Some people get high blood pressure that can be severe, while taking bupropion hydrochloride extended-release tablets (XL). The chance of high blood pressure may be higher if you also use nicotine replacement therapy (such as a nicotine patch) to help you stop smoking (see the section of this Medication Guide called "How should I take bupropion hydrochloride extended-release tablets (XL)?").

Manic episodes. Some people may have periods of mania while taking bupropion hydrochloride extended-release tablets (XL), including:

Greatly increased energy

Severe trouble sleeping

Racing thoughts

 Reckless behavior Unusually grand ideas

· Excessive happiness or irritability · Talking more or faster than usual

f you have any of the above symptoms of mania, call your healthcare provider.

• Unusual thoughts or behaviors. Some patients have unusual thoughts or behaviors while taking bupropion hydrochloride extended-release tablets (XL), including delusions (believe you are someone else), hallucinations (seeing or hearing things that are not there), paranoia (feeling that people are against you), or feeling confused. If this happens to you, call your healthcare provider.

Visual problems. o eye pain

changes in vision

o swelling or redness in or around the eye

Only some people are at risk for these problems. You may want to undergo an eye examination to see if you are at risk and receive preventative treatment if you

 Severe allergic reactions. Some people have severe allergic reactions to bupropion hydrochloride extended-release tablets (XL). Stop taking bupropion hydrochloride extended-release tablets (XL) and call your healthcare provider right away if you get a rash, itching, hives, fever, swollen lymph glands, painful sores in the mouth or around the eyes, swelling of the lips or tongue, chest pain, or trouble breathing. These could be signs of a serious

What is bupropion hydrochloride extended-release tablets (XL)?

Bupropion Hydrochloride Extended-Release Tablets is a prescription medicine used to treat adults with a certain type of depression called major depressive disorder. Who should not take bupropion hydrochloride extended-release tablets (XL)?

Do not take bupropion hydrochloride extended-release tablets (XL) if you:

• have or had a seizure disorder or epilepsy. have or had an eating disorder such as anorexia nervosa or bulimia.

ere taking any other medicines that contain bupropion, including WELLBUTRIN®, WELLBUTRIN SR®, APLENZIN®, ZYBAN®, or FORFIVO XL®. Bupropion is the same active ingredient that is in bupropion hydrochloride extended-release tablets (XL).

edrink a lot of alcohol and abruptly stop drinking, or take medicines called sedatives (these make you sleepy), or benzodiazepines, or anti-seizure medicines, and you stop taking them all of a sudden. take a monoamine oxidase inhibitor (MAOI). Ask your healthcare provider or pharmacist if you are not sure if you take an MAOI, including the antibiotic linezolid.

 do not take an MAOI within 2 weeks of stopping bupropion hydrochloride extended-release tablets (XL) unless directed to do so by your healthcare provider.

odo not start bupropion hydrochloride extended-release tablets (XL) if you stopped taking an MAOI in the last 2 weeks unless directed to do so by your healthcare provider.

• are allergic to the active ingredient in bupropion hydrochloride extended-release tablets (XL), bupropion hydrochloride, or to any of the inactive ingredients. See the end of this Medication Guide for a complete list of ingredients in bupropion hydrochloride extended-release tablets (XL).

What should I tell my healthcare provider before taking bupropion hydrochloride extended-release tablets (XL)?

Tell your healthcare provider if you have ever had depression, suicidal thoughts or actions, or other mental health problems. You should also tell your healthcare provider about any symptoms you had during other times you tried to quit smoking, with or without bupropion hydrochloride extended-release tablets (XL). See "Quitting Smoking, Quit-Smoking Medications, Changes in Thinking and Behavior, Depression, and Suicidal Thoughts or Actions."

Tell your healthcare provider about your other medical conditions, including if you:

- have liver problems, especially cirrhosis of the liver.
- have kidney problems.
- have, or have had, an eating disorder such as anorexia nervosa or bulimia.

- have had a head injury.
- have had a seizure (convulsion, fit).
- have a tumor in your nervous system (brain or spine). have had a heart attack, heart problems, or high blood pressure.
- are a diabetic taking insulin or other medicines to control your blood sugar.
- drink alcohol. abuse prescription medicines or street drugs.
- o are pregnant or plan to become pregnant. Talk to your healthcare provider about the risk to your unborn baby if you take Bupropion Hydrochloride **Extended-Release Tablets during pregnancy**
- Tell your healthcare provider if you become pregnant or think you are pregnant during treatment with Bupropion Hydrochloride Extended-Release
- If you become pregnant during treatment with Bupropion Hydrochloride Extended-Release Tablets, talk to your healthcare provider about registering with the National Pregnancy Registry for Antidepressants, You can register by calling 1-844-405-6185.
- ore breastfeeding or plan to breastfeed during treatment with Bupropion Hydrochloride Extended-Release Tablets. Bupropion Hydrochloride Extended-Release Tablets passes into your milk. Talk to your healthcare provider about the best way to feed your baby during treatment with Bupropion Hydrochloride

Tell your healthcare provider about all the medicines you take, including prescription, over-the-counter medicines, vitamins, and herbal supplements. Many medicines increase your chances of having seizures or other serious side effects if you take them while you are taking bupropion hydrochloride extended-release tablets (XL)

How should I take Bupropion Hydrochloride Extended-Release Tablets?

- Take bupropion hydrochloride extended-release tablets (XL) exactly as prescribed by your healthcare provider. Do not change your dose or stop taking bupropion hydrochloride extended-release tablets (XL) without talking with your healthcare provider first.
- Swallow bupropion hydrochloride extended-release tablets (XL) whole. Do not chew, cut, or crush bupropion hydrochloride extended-release
 tablets (XL). If you do, the medicine will be released into your body too quickly. If this happens you may be more likely to get side effects including seizures. Tell your healthcare provider if you cannot swallow tablets.
- Bupropion hydrochloride extended-release tablets (XL) may have an odor. This is normal.
- Take your doses of bupropion hydrochloride extended-release tablets (XL) at least 8 hours apart.
- You may take bupropion hydrochloride extended-release tablets (XL) with or without food.
- If you miss a dose, do not take an extra dose to make up for the dose you missed. Wait and take your next dose at the regular time.
- This is very important. Too much bupropion hydrochloride extended-release tablets (XL) can increase your chance of having a seizure. • If you take too much bupropion hydrochloride extended-release tablets (XL), or overdose, call your local emergency room or poison control center right away.
- Do not take any other medicines while taking bupropion hydrochloride extended-release tablets (XL) unless your healthcare provider has told you it is okay.
- If you are taking Bupropion Hydrochloride Extended-Release Tablets for the treatment of major depressive disorder, it may take several weeks for you to feel that Bupropion Hydrochloride Extended-Release Tablets is working. Once you feel better, it is important to keep taking Bupropion Hydrochloride Extended-Release Tablets exactly as directed by your healthcare provider. Call your healthcare provider if you do not feel Bupropion Hydrochloride Extended-Release Tablets is

What should I avoid while taking bupropion hydrochloride extended-release tablets (XL)?

- Limit or avoid using alcohol during treatment with bupropion hydrochloride extended-release tablets (XL). If you usually drink a lot of alcohol, talk with your healthcare provider before suddenly stopping. If you suddenly stop drinking alcohol, you may increase your chance of having seizures.
- Do not drive a car or use heavy machinery until you know how bupropion hydrochloride extended-release tablets (XL) affects you. Bupropion hydrochloride (XL) affects you. Bupropion hydrochloride extended-release tablets (XL) can impair your ability to do these things safely.

What are possible side effects of bupropion hydrochloride extended-release tablets (XL)?

Bupropion hydrochloride extended-release tablets (XL) can cause serious side effects. See the sections at the beginning of this Medication Guide for information about serious side effects of bupropion hydrochloride extended-release tablets (XL).

The most common side effects of bupropion hydrochloride extended-release tablets (XL) include:

- trouble sleeping
- nausea stuffy nose
- dry mouth constinution
- joint aches

If you have trouble sleeping, do not take bupropion hydrochloride extended-release tablets (XL) too close to bedtime.

Tell your healthcare provider right away about any side effects that bother you.

These are not all the possible side effects of bupropion hydrochloride extended-release tablets (XL). For more information, ask your healthcare provider or

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

You may also report side effects to Epic, Pharma, LLC at 1-888-374-2791. How should I store bupropion hydrochloride extended-release tablets (XL)?

• Store bupropion hydrochloride extended-release tablets (XL) at 20° to 25°C (68° to 77°F). [See USP Controlled Room Temperature].

Keep bupropion hydrochloride extended-release tablets (XL) and all medicines out of the reach of children.

General information about the safe and effective use of bupropion hydrochloride extended-release tablets (XL)

Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. Do not use bupropion hydrochloride extended-release tablets (XL) for a condition for which it was not prescribed. Do not give bupropion hydrochloride extended-release tablets (XL) to other people, even if they have the same symptoms

you have. It may harm them. If you take a urine drug screening test, bupropion hydrochloride extended-release tablets (XL), may make the test result positive for amphetamines. If you tell the person giving you the drug screening test that you are taking bupropion hydrochloride extended-release tablets (XL), they can do a more specific drug screening test that you are taking bupropion hydrochloride extended-release tablets (XL), they can do a more specific drug screening test that you are taking bupropion hydrochloride extended-release tablets (XL), they can do a more specific drug screening test that you are taking bupropion hydrochloride extended-release tablets (XL), they can do a more specific drug screening test that you are taking bupropion hydrochloride extended-release tablets (XL), they can do a more specific drug screening test that you are taking bupropion hydrochloride extended-release tablets (XL), they can do a more specific drug screening test that you are taking bupropion hydrochloride extended-release tablets (XL), they can do a more specific drug screening test that you are taking bupropion hydrochloride extended-release tablets (XL), they can do a more specific drug screening test that you are taking bupropion hydrochloride extended-release tablets (XL), they can do a more specific drug screening test that you are taking bupropion hydrochloride extended-release tablets (XL), they can do a more specific drug screening test that you are taking the propion hydrochloride extended-release tablets.

This Medication Guide summarizes important information about bupropion hydrochloride extended-release tablets (XL). If you would like more information, talk with your healthcare provider. You can ask your health provider or pharmacist for information about bupropion hydrochloride extended-release tablets (XL) that is written

For more information about bupropion hydrochloride extended-release tablets (XL), call 1-888-374-2791.

What are the ingredients in bupropion hydrochloride extended-release tablets (XL)?

Active ingredient: bupropion hydrochloride

Inactive ingredients: colloidal silicon dioxide, hydroxypropyl cellulose, glyceryl behenate, ethyl cellulose, methacrylic acid copolymer, silicon dioxide and copovidone. The tablets are printed with edible black ink.

All other product/brand names are the trademarks of their respective owners.

Made in China Rev. 03/2020

Manufactured by: CSPC Ouyi Pharmaceutical Co., Ltd. Shijiazhuang, Hebei, China, 052160 Laurelton, NY 11413

Maculopapular rash, alopecia, anajoedema, exfoliative dermatitis, and hirsutism

Special Senses Accommodation abnormality, dry eye, deafness, increased intraocular pressure, angle-closure glaucoma, and mydriasis

Impotence, polyuria, prostate disorder, abnormal ejaculation, cystitis, dyspareunia, dysuria, gynecomastia, menopause

7 DRUG INTERACTIONS

Bronchospasm and pneumoni

7.1 Potential for Other Drugs to Affect Bupropion Hydrochloride Extended-Release Tablets (XL).

Bupropion is primarily metabolized to hydroxybupropion by CYP2B6. Therefore, the potential exists for drug interaction

hydroxybupropion exposure. Based on clinical response, dosage adjustment of bupropion hydrochloride extended-release Inventories (ARCI), and a score intermediate between placebo and amphetamine on the Liking Scale of the ARCI. These scales Inhibitors of CYP286 tablets (XL) may be necessary when coadministered with CYP2B6 inhibitors (e.g., ticlopidine or clopidogrel) [see Clinical measure general feelings of euphoria and drug desirability

Inducers of CYP2B6

exposure. Dosage increase of bupropion hydrochloride extended-release tablets (XL) may be necessary when coadministered because of the risk of seizure) might be modestly attractive to those who abuse CRS stimulant drugs. with ritonavir, lopinavir, or efavirenz but should not exceed the maximum recommended dose [see Clinical Pharmacology Bupropion hydrochloride extended-release tablets are intended for aral use only. epine, Phenobarbital, Phenytoin: While not systemically studied, these drugs may induce metabolism of bupropion been reported when bupropion has been administered intranssally or by parenteral injection.

and may decrease bupropion exposure [see Clinical Pharmacology (12,3)]. If bupropion is used concomitantly with a CYP inducer, it may be necessary to increase the dose of bupropion, but the maximum recommended dose should not be exceeded. 7.2 Potential for Bunropion Hydrochloride Extended-Release Tablets (XL) to Affect Other Drugs

Drugs Metabolized by CYP2D6

Bupropion and its metabolites (erythrohydrobupropion, threphydrobupropion, threphydrobupropio CYP2D6 can increase the exposures of drugs that are substrates of CYP2D6. Such drugs include antidepressants (e.g., subjective effects of psychoactive drugs. venlafaxine, nortriptyline, imipramine, desigramine, paroxetine, fluoxetine, and settraline), antipsycholicis (e.g., haloperidol, risperidone, and thioridazine), beta-blockers (e.g., metoprolol), and Type 1C antiarrhythmics (e.g., propalenone, and flecainide). When used concomitantly with bupropion hydrochloride extended-release tablets (XL), it may be necessary to 10.1 Human Overdose Experience decrease the dose of these CYP2D6 substrates, particularly for drugs with a narrow therapeutic inde

Drugs that require metabolic activation by CYP2D6 to be effective (e.g., tamoxifen), theoretically could have reduced efficacy cases. Other serious reactions reported with overdoses of bupropion alone included hallucinations, loss of consciousness, sinus. Elavironz: In a study of when administered concomitantly with inhibitors of CYP2D6 such as bupropion. Patients treated concomitantly with bupropion hydrachlaride extended-releases tablets (XL) and such drugs may require increased doses of the drug [see Clinical Pharmacology | hypotension, stuper, coma, and respiratory failure have been reported mainly when bupropion was part of multiple drug

7.3 Drugs That Lower Seizure Threshold

Use extreme caution when coordinaistering bupropion hydrochloride extended-release tablets (XL) with other drugs that lower the seizure, threshold (e.g. other hydrochloride actions products, antiboxycholics, an the seizure threshold (e.g., other bupropion products, antipsycholics, antidepressants, theophylline, or systemic prior to death were reported in these corticosteroids). Use low initial doses of bupropion hydrochloride extended-release tablets (XL) and increase the dose gradually 10.2 Overdosage Management [see Warnings and Precautions (5.3)].

7.4 Dopaminergic Drugs (Levodopa and Amantadine)

Bupropion, levodopa, and amantadine have dopamine agonist effects. CNS toxicity has been reported when bupropion was There are no known antidates for bupropion. In case of an overdose, provide supportive care, inch andministered with levodopa or amantadine. Adverse reactions have included restlessness, agitation, tremor, ataxia, gait supervision and monitoring. Consider the possibility of multiple drug overdos disturbance, vertigo, and dizziness. It is presumed that the toxicity results from cumulative dopamine agonist effects. Use chloride extended-release tablets (XL) concomitantly with these drugs. 7.5 Use with Alcohol

In postmarketing experience, there have been rare reports of adverse neuropsychiatric events or reduced alcohol talerance in In postmarketing experience, there have been rare reports or acaverse neutropycomount events or resource activated to pnenytemynamines. It is designated as \(\textit{z}\) \text{T-1-Consumption}\) and in the propion hydrochloride extended-release tablets (XL). The hydrochloride is \(\text{T-1-Consumption}\) and \(\text{T-1-Consumption}\) an

7.6 MAO Inhibitor

Bupropion inhibits the reuptake of dopamine and norepinephrine. Concomitant use of MAOIs and bupropion is contraindicated demonstrate that the acute toxicity of bupropion is enhanced by the MAQ inhibitor phenelzine. At least 14 days should elapse between discontinuation of an MADI antidepressant [see Dosage and Administration (2.8, 2.9) and a burder-lease tablets (XL) before starting an MADI antidepressant [see Dosage and Administration (2.8, 2.9) and a burder-lease tablets (XL) and a burder-lease tablet (XL) and

7.7 Drug-Laboratory Test Interactions

False-positive urine immunoassay screening tests for amphetamines have been reported in patients taking buggapion. This is face due to lack of specificity of some screening tests. False-positive test results may result even following discontinuation of bupropion therapy. Confirmatory tests, such as gas chromatography/mass spectrometry, will distinguish bupropion from

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

There is a pregnancy exposure registry that monitors pregnancy automes in women exposed to antidepressuats during pregnancy. Healthcare providers are encouraged to register patients by calling the National Pregnancy Regultry for intidepressants at 1-844-405-6185 or visiting online at https://wom

Risk Summary

Data from epidemiological studies of pregnant women exposed to bupropion in the first bota in an experimental source or pregional woman exposer to supproport in the mix financial rate of microsod risk of congenital malformations overall (see Dails). There are risks to the mother associated with unitered depression (see Clinical Considerations). When bupropion was administered to pregnant rate during organogenesis, there was evidence of fetal malformations at doses up to ap of 450 mg/day. When given to pregnant rabbits during organogenesis, non-dos malformations and skeletal variations were observed at doses approximately equal to the MRHD and greater. ne MRHD and greater (see Animal Data).

estimated background risk for major birth defects and miscarriage are unknown for the indicated population. All risk of major birth defects and miscarriage in clinically recognized pregna

dinal study followed 201 pregnant women with a history of major depressive disorder who were euthymic essants during pregnancy at the beginning of pregnancy. The women who discontinued antidepressants relapse of major depression than women who continued antidepressants. Bupropion is exte eated depression and potential effects on the fetus when discontinuing or changing

the United Healthcare database (1,213 first trimester exposures) did not show on increased risk for malformations overall. The in mice that hydroxybupropion is one half as potent as bupropion, while threehydrobupropion and erythrohydrobupropion are onset of symptoms in the autumn (September to November). Treatment was discontinued following a 2 week taper that began egistry was not designed or powered to evaluate specific defects but suggested a possible increase in cardiac malformations. S-fold less potent than bupropion. This may be of clinical importance, because the plasma concentrations of the melabolites are during the first week of spring (fourth week of March), resulting in a treatment duration of appra increased risk for cardiovascular malformations overall has been observed after bupropion exposure during the first as high or higher than those of bupropion. 5,753 with non-cardiovascular malformations) from the National Birth Defects Prevention Study (NBDPS) did not show an to that of hydroxybupropion. However, the elimination half-lives of erythrohydrobupropion and threohydrobupropion are

reased risk for cardiovascular malformations overall after bupropion exposure during the first trimester. Study findings on bupropion exposure during the first trimester and risk left ventricular outflow tract obstruction (LVOTO) are bupropion, respectively inconsision and do not allow conclusions regarding possible association. The United Healthcare database lacked sufficient power to evaluate this association; the NBDPS found increased risk for LVOTO (n = 10; adjusted odds ratio (DR) = 2.6; 95% CI

.2, 5.7) and the Slone Epidemiology case control study did not find increased risk for LVOTO. Study findings on bupropion exposure during the first trimester and risk for ventricular septal defect (YSD) are inconsistent and the urine and fecas, respectively. Only 0.5% of the oral dose was excreted as unchanged bupropion. following first trimester maternal bupropion exposure (n = 17; adjusted OR = 2.5; 95% CI: 1.3, 5.0) but did not find an ular malformations studied (including LYOTO as above). The NBDPS and United Factors or conditions altering metabolic capacity (e.g., liver disease, congestive heart failure [CHF], age, concomitant

studies, and the potential for chance findings from multiple comparisons in case control studies.

In studies conducted in pragnant rots and robbits, buyropion was administered orally during the period of organoegnesis, and consistent of the proposition part of the kidneys. The effect of the proposition was administered orally during the period of organoegnesis, and proposition of the major metabolites of uptroposition and the control of the proposition and the control of the proposition and the position of the proposition and the proposition and proposition a In studies conducted in pregnant rats and rabbits, bupropion was administered orally during the period of organogenesis at

Risk Summary

Animal Data

Data from published literature report the presence of bupropion and its metabolites in human milk (see Data). There are no Hepatic Impairment data on the effects of bupropion or its metabolites on milk production. Limited data from postmarketing reports have not The effect of hepatic impairment on the pharmacokinetics of bupropion was characterized in 2 single-dose trials, one in subjects Bupropion hydrochloride extended-release tablets (XL) may have an odor. identified a clear association of adverse reactions in the breastled infant. The developmental and health benefits of breastleeding should be considered along with the mother's clinical need for Bupropion Hydrochloride Extended-Release Tablets or from the and any potential adverse effects on the breastleed find from Bupropion Hydrochloride Extended-Release Tablets or from the versus 21±5 hours, respectively). Although not statistically significant, the AUCs for bupropion and hydroxybupropion were

Data

In a lactation study of ten women, levels of orally dosed bupropion and its active metabolites were measured in expressed milk.

The overage doily infant exposure (assuming 150 mL/kg doily consumption) to bupropion and its active metabolites was 2% of the metarnal weight-adjusted dose. Postmarketing reports have described seizures in bupropion facilities. The elationship of the metarnal weight-adjusted dose. Postmarketing reports have described seizures in bupropion (AUC, Cmax, and Tmax), and its active metabolites was 2% of the metarnal weight-adjusted dose. Postmarketing reports have described seizures in bupropion (AUC, Cmax, and Tmax), and its active metabolites was 2% of the metarnal weight-adjusted dose. Postmarketing reports have described seizures in bupropion (AUC, Cmax, and Tmax), and its active metabolites was observed in some of the phormacockine fearometers for bupropion (AUC, Cmax, and Tmax) and its active metabolites was 2% of the metabolites was 2% of the metabolites was observed in some of the phormacockine fearometers for bupropion (AUC, Cmax, and Tmax) and its active metabolites was 2% of the metabolites was 2% of the metabolites was observed in some of the phormacockine fearometers bupropion (AUC, Cmax, and Tmax) was observed in some of the phormacockine fearometers for prometers for metabolites was observed in some of the phormacockine fearometers for prometers for each of the phormacockine fearometers for prometers for each of the metabolites was observed in some of the phormacockine fearometers for prometers for each of the metabolites was observed in some of the phormacockine fearometers for prometers for each of the metabolites was observed in some of the phormacockine fearometers for prometers for each of the metabolites was observed in some of the phormacockine fearometers for prometers for each observed in some of the phormacockine fearometers for each observed in some of the phormacockine fearometers for each observed fearometers for each observed fearometers for each observed in so

Boxed Warning and Warnings and Precautions (5.1)]. 8.5 Geriatric Use

(degression and smoking cessation studies). 275 were 2 65 years of age participated in clinical trials with bupropion hydrochloride sustained-release toblets increased 5 and 2/old, respectively, in patients with severe hepatic cirrhosis compared to healthy volunteers [see Dosage and Instruct patients, and/or their caregivers to be alert to the emergence of anxiety, againsting, and/or their caregivers to be alert to the emergence of anxiety, againsting, and/or their caregivers to be alert to the emergence of anxiety, againsting, and/or their caregivers to be alert to the emergence of anxiety, againsting, and/or their caregivers to be alert to the emergence of anxiety, againsting, and/or their caregivers to be alert to the emergence of anxiety, againsting, and/or their caregivers to be alert to the emergence of anxiety, adainst and Behaviors

Instruct patients, their families, and/or their caregivers to be alert to the emergence of anxiety, against, and any or their caregivers to be alert to the emergence of anxiety, against, and a substance of the company of the caregivers to be alert to the emergence of anxiety, against, and or their caregivers to be alert to the emergence of anxiety, against, and a substance of the caregivers to be alert to the emergence of anxiety, against, and or their caregivers to be alert to the emergence of anxiety, against, and or their caregivers to be alert to the emergence of anxiety, against, and or their caregivers to be alert to the emergence of anxiety, against, and or their caregivers to be alert to the emergence of anxiety, against, and or their caregivers to be alert to the emergence of anxiety, against, and or their caregivers to be alert to the emergence of anxiety, against, and or their caregivers to be alert to the emergence of anxiety, against, and or their caregivers to be alert to the emergence of anxiety and anxiety against and anxiety against and anxiety against and anxiety against anxiety against and anxiety against anxiety against anxiety against anxiety against anx depression studies). No overall differences in safety or effectiveness were observed between these subjects and younger <u>Left Ventricular Dysfunction</u> subjects. Reported clinical experience has not identified differences in responses between the elderly and younger patients, but greater sensitivity of some older individuals cannot be ruled out.

During a chronic dosing study with bupropion in 14 depressed patients with left ventricular dysfunction (history of CHF or on symptoms should be reported to the patients of surprise patients and when me above to appear on a day-ford by basis, since changes may be abrupt. Such symptoms should be reported to the patients of surprise patients and when me above to appear on the reported to the patients of surprise patients. The control of the patient of surprise patients and when me above to appear on the patients of surprise patients. The control of the patient of surprise patients are surprised to the patient of surprised patients. The control of the patient of surprised patients are surprised patients. The control of the patient of surprised patients are surprised patients. The control of the patient of surprised patients are surprised patients. The control of the patient of surprised patients are surprised patients. The control of the patients are surprised patients and the patient of surprised patients are surprised patients. The control of the patient of surprised patients are surprised patients. The control of the patient of surprised patients are surprised patients. The control of the patient of surprised patients are surprised patients. The control of the patient of surprised patients are surprised patients. The control of the patients are surprised patients are surprised patients. The control of the patients are surprised patients are surprised patients. The control of the patients are surprised patients are surprised patients. The control of the patients are surprised patients are surprised patients. The control of the patients are surprised patients are surprised patients. The control of the patients are surprised patients are surprised patients. The control of the patients are surprised patients are surprised

kidneys. The risk of adverse reactions may be greater in patients with impaired renal function. Because elderly patients are kidneys, the risk of adverse reactions may be greater in patients with impulsed remainded in the proposed proposed from the proposed proposed from the proposed proposed from the proposed from

8.6 Renal Impairment
Consider a reduced dose and/or dosing frequency of bupropion hydrochloride extended-release tablets (XL) in patients with renal impairment (glomerular filtration rate: < 90 mL/min). Bupropion and its metabolites are cleared renally and may age on bupropion concentration; however, another single-and multiple-dose pharmacokinetic study suggested that the elderly decisions, homical ideation, aggression, hostility, agitation, anxiety, and ponic, as well as suicidal renal impairment (glomerular filtration rate: < 90 mL/min). Bupropion and its metabolites are cleared renally and may aggression, hostility, agitation, anxiety, and ponic, as well as suicidal renal impairment (glomerular filtration rate: < 90 mL/min). Bupropion and its metabolites are cleared renally and may aggression, hostility, agitation, anxiety, and ponic, as well as suicidal renal impairment (glomerular filtration rate: < 90 mL/min). Bupropion and its metabolites are cleared renally and may aggression, hostility, agitation, anxiety, and ponic, as well as suicidal renal impairment (glomerular filtration rate: < 90 mL/min). Bupropion and its metabolites are cleared renally and may aggression, hostility, agitation, anxiety, and ponic, as well as suicidal renal impairment (glomerular filtration rate: < 90 mL/min). Bupropion and its metabolites are cleared renally and may aggression, hostility, agitation, anxiety, and ponic, as well as suicidal renal impairment (glomerular filtration rate: < 90 mL/min). Bupropion and its metabolites are cleared renally and may aggression, hostility, agitation, anxiety, and ponic, as well as suicidal renal impairment (glomerular filtration rate: < 90 mL/min). Bupropion and its metabolites are cleared renally and may agree filter filter for the clearly suggested that the elderly suggested

accumulate in such patients to a greater extent than usual. Monitor closely for adverse reactions that could indicate high are at increased risk for accumulation of bupropion and its metabolites (see Use in Specific Populations (8.5)).

likely to be significantly reinforcing to amphetamine or CNS stimulant abusers. However, higher doses (that could not be tested

Overdoses of up to 30 grams or more of bupropion have been reported. Seizure was reported in approximately one third of all

tachycardia, and ECG changes such as conduction disturbances or arrhythmias. Fever, muscle rigidity, rhabdomyolysi

centers are listed in the Physicians' Desk Reference (PDR). Call 1-800-222-1222 or refer to www.poison.or

Consult a Certified Poison Control Center for up-to-date guidance

mucosa. The structural formula is:

12 CLINICAL PHARMAC

12.1 Mechanism of Actio

neuronal uptake of norepi

12.3 Pharmacokinetics

Bupropion is a racemic mixt

Distribution

Renal Impairment

bupropion and the other metabolites in the 2 groups were minimal.

Following chronic dosing the mea

elimination half-life (± SD) of bupropion 21 (± 9) hours.

ouring 14-day dosing with bupropion hydrochloride extended-release tablets (XL), 300 mg on

immediate-release formulation of bupropion at 100 mg 3 times daily, equivalence was demonstrated for peak plasma

adicentration and area under the curve for bupropion and the three metabolites (hydroxybupropion, threehydrobupropion, and eythrohydrobupropion). Additionally, in a study comparing 14-day dosing with bupropion hydrochloride extended-telease

concentration and area under the curve for bupropion and the th

The mechanism of action of hun

Bupropion hydrochloride, an antidepressant of the aminoketone class, is chem

erotonin reuptake inhibitor, or other known antidepressant agents. Its structur

copolymer and silicon dioxide. The tablets are printed with edible black ink.

The insoluble shell of the extended-release tablet may remain intact during gas

In patients with moderate to severe hepatic impairment (Child-Pugh score: 7 to 15), the maximum bupropion hydrochloride peached-release tablets (XL) dose is 150 mg every other day. In patients with mild hepatic impairment (Child-Pugh score: 5 to male and 90 healthy female volunteers revealed on sex-related differences in the peak plasma concentrations of bupropion. In addition, possion pharmacokinetic data from 90 healthy excerce 5 to male and 90 healthy female volunteers revealed on sex-related differences in the peak plasma concentrations of bupropion. In if they have a severe allergic reaction.

6), consider reducing the dose and/or frequency of dosing [see Dosage and Administration (2.6) and Clinical Pharmacology

The mean systemic exposure (AUC) was approximately 13% higher in male volunteers.

Seizure

9 DRUG ABUSE AND DEPENDENCE 9.1 Controlled Substance

Bupropion is not a controlled substance

9.2 Abuse

Gender

The effects of cigarette smoking on the pharmacokinetics of bupropion hydrochloride were studied in 34 healthy male and seizure while on treatment. Advise patients that the excessive use or the abrupt discontinuation of alcohol, benzod female volunteers; 17 were chronic cigarette smokers and 17 were nonsmokers. Following and administration of a single 150 mg dose of bupropion, there was no statistically significant difference in C_{max}, half-life, T_{max}, AUC, or clearance of bupropion alcohol.

Drug Interactions Potential for Other Drugs to Affect Bupropion Hydrochloride Extended-Release Tablets (XL)

Controlled clinical studies of bupropion HCl immediate-release conducted in normal volunteers, in subjects with a history of In vitro studies indicate that bupropion is primarily metabolized to hydroxybupropion by CYP286. Therefore, the potential multiple drug abuse, and in depressed patients demonstrated an increase in motor activity and agitation/excitement.

In a population of individuals experienced with drugs of abuse, a single dose of 400 mg bupropion produced mild inducers of CYP286. In addition, in vitro studies suggest that paraxetine, sertraline, norfluoxime, and halfinovir ease amphetamine-like activity as compared to placebo on the Morphine-Benzedrine Subscale of the Addiction Research Center inhibit the hydroxylation of bupropion.

Ticlopidine and Clopidogrel: In a study in healthy male volunteers, clopidogrel Findings in clinical trials, however, are not known to reliably predict the abuse potential of drugs. Nonetheless, evidence from single-dose studies does suggest that the recommended daily dosage of bupropion when administered in divided doses is not respectively. The exposures of hydroxybupropion were decreased. Prasugrel: In healthy subjects, prasugrel increased bupropion C_{max} and AUC values by 14% and 18%, resp decreased C_{max} and AUC values of hydroxybupropion by 32% and 24%, respectively. Bupropion hydrochloride extended-release rapiers are innerved not one overlap.

The inholation of crushed tablets or injection of dissolved bupropion has been reported. Seizures and/or cases of death have hen reported when bupropion has been administered intransally or by parenteral injection.

Cumentaine: Following are uniministration or superpose.

Valuation of crushed rablets or injection of dissolved bupropion and hydroxybupropion were increases in the AUC and C_{max}, respectively, of the combined moietles of three increases in the AUC and C_{max}, respectively, of the combined moietles of three increases. Cimetidine: Following oral administration of bupropion 300 mg with and without cim

Studies in rodents and primates demonstrated that bupropion exhibits some pharmacologic actions common to Inducers of CYP2B6 psychostimulants. In radents, it has been shown to increase lacomotor activity, elicit a mild stereotyped behavioral response, and increase rates of responding in several schedule-controlled behavior paradigms. In primate models assessing the positive and 21%, respectively. The exposure of the hydroxybupropion metabolire was decreased by 23%, the hydroxypopropion decreased by 38%, and fine principly-decoupling decreased by 48%. In a second healthy volunteer, influence of the properties of the 22% and 21%, respectively. The stimulus effects in drug discrimination paradigms used to characterize the

her healthy volunteer study, topinovir 400 mg/ritonovir 100 mg twice daily decreased bupropion AUC and Cmax by Advise patients to notify their healthcare provider if they become pregnant or intend to become pregnant during therapy with bupropion metabolite were decreased by 50% and 31%, respectively.

healthy volunteers, efavirenz 600 mg once daily for 2 weeks reduced the AUC and C_{max} of bupropion y approximately 55% and 34%, respectively. The AUC of hydroxybupropion was unchanged, whereas C_{max} of **Administration Information**

Although most patients recovered without sequelae, deaths associated with overdoses of bupropion alone have been reported Potential for Bupropion

Animal data indicated that bupropian may be an inducer of drug-metobolizing enzymes in humans. In a study of 8 healthy (X1) should be administered in the morning and may be taken with or without food, male volunteers, following a 14-day administration of bupropion 100 mg three times per day, there was no evidence of induction of its own metabolism. Nevertheless, there may be the potential for clinically important alterations of blood levels of Manufactured by:

In vitro, bupropion and hydroxybupropion are CYP2D6 inhibitors. In a clinical study of 15 male subjects (ages 19 to 35 years) Distributed by: who were extensive metabolizers of CYP2D6, bupropion given as 150 mg twice daily followed by a single dose of 50 mg Epic Pharma, LLC tensive metabolizers of LTZUO, oupropion given as 150 mg mire outry rollowed by a single way of 150 mg. Epic Pharma, increased the C_{max}, AUC, and T₁/2 of desipromine by an average of approximately 2, 5, and 2-fold, respectively. Laurellon, NY <u>150</u> present for at least 7 days after the last dose of bupropion. Concomitant use of bupropion with other drugs Rev. 03/2020 nine increased the C_{max}, AUC, and T_{1/2} of desip

serotonin reuptake inhibitor, or other known antidepressant agents. Its structure closely resembles that of diethylpropion; it is related to phenylethylamines. It is designated as (±)-1-(3-charophenyl)-2-{(1,1-dimethylethyl)amine}-1-propanone (rialogram: Although citalogram is not primarily metabol diethylamine). The molecular weight is 276.2. The molecular formula is C13H16(INO • HCI. Bupropion hydrochlande, powder is citalogram; by 30% and 40% respectively. italopram: Although citalopram is not primarily metabolized by CYP2D6, in one study bupropion increased the Case and All pram by 30% and 40%, respectivel amatriaine: Multiple and doses of hypropion had no statistically significant effects on the single-dose pharmacokinetics of

13 NONCLINICAL TOXICOLOGY

hydrochloride, respectively. These doses are approximately 7 and 2 times the maximum recommended human dose (MRHD) respectively, on a ma/m² basis. In the rat study there was an increase in nodular proliferative lesions of the liver at doses o were not tested. The question of whether or not such lesions may be precursors of neoplasms of the liver is currently unresolved

mutagenicity assay, but was negative in another. Bupropion produced an increase in chrom

unknown, as is the case with other antidepressants. However, it is presumed that this A fertility study in rats at doses up to 300 mg/kg/day revealed no evidence of impaired fertility. ergic and/or dopaminergic mechanisms. Bupropion is a relatively weak inhibitor of the

dopamine and does not inhibit monoamine oxidase or the reuptake of serotonin. 14 CLINICAL STUDIES

14.1 Major Depressive Disorder

ogic activity and pharmacokinetics of the individual enantiomers have not been. The efficacy of bupropion in the treatment of major depressive disorder was established with the immediate-relea formulation of bupropion hydrochloride in two 4-week, placebo-controlled trials in adult inpatients with MDD and in one 6-week, placebo-controlled trial in adult outpatients with MDD. In the first study, the bupropion dose range was 300 mg to 600 mg per day administered in 3 divided doses; 78% of patients were treated with doses of 300 mg to 450 mg per day. The tria demonstrated the efficacy of bupropion as measured by the Hamilton Depression Rating Scale (HAMD) total score, the HAMD depressed mood item (item 1), and the Clinical Global Impressions-Severity Scale (CGI-S). The second study included 2 fixed doses of bupropion (300 mg and 450 mg per day) and placebo. This trial demonstrated the efficacy of bupropion for only the 450 mg dose. The efficacy results were significant for the HAMD total score and the CGFS severity score, but not for HAMD item. 1. In the third study, outpatients were treated with bupropion 300 mg per day. This study demonstrated the efficacy of blets (XL) 300 mg once daily to the sustained-release formulation of bupropion at 150 mg 2 times daily, equivalence was bupropion as measured by the HAMD total score, the HAMD item 1, the Montgomery-Asberg Depression Rating Scale (MADRS the CGI-S score, and the CGI-Mapper Score).

A longer-term, placebo-controlled, randomized withdrawal trial demonstrated the efficacy of bupropion HCl sustained-release Following single oral administration of bupropion hydrochloride extended-release tablets (XL) tablets to healthy volunteers, the in the maintenance treatment of MDD. The trial included adult outpatients meeting DSM-IV criteria for MDD, recurrent type, who and appointence and the proposition of the proping was defined as a CGI-Improvement Scale score of 1 (very much improved) or 2 (much improved) for each of the final 3 weeks Relapse during the double-blind phase was defined as the investigator's judgment that drug treatment was needed fo In vitro tests show that bupropion is 84% bound to human plasma proteins at concentrations up to 200 mcg/mL. The extent of rotation landing of the hydroxyloprophor metabolite is shout half that of bupropion, whereas the extent of protein binding of the threehydrobupropion metabolite is about half that of bupropion.

Although there are no independent trials demonstrating the efficacy of bupropion hydrochloride extended-release tablets (XL in the acute treatment of MDD, studies have demonstrated similar biographically between the immediate, sustain Supropion is extensively metabolized in humans. Three metabolites are active: hydroxyburopion, which is formed via hydroxylation of the tert-butyl group of bupropion, and the amino-alcohol isomers threehydrobupropion and erythrohydrobupropion, which are formed via reduction of the corbonyl around in vitra findings cuanact that CVP2RA is that

eythrohydrobuyropion, which are formed via reduction of the carbonyl group. In vitro findings suggest that CYP286 is the principal isoenzyme involved in the formation of hydroxybupropion, while cytochrome P450 enzymes are not involved in the

formation of threehydrobupropion, Oxidation of the bupropion side chain results in the formation of a glycine conjugate of The efficacy of bupropion hydrochloride extended-release tablets (XL) in the prevention of seasonal major depressive episode gnancy Registry (675 first trimester exposures) and a retrospective cohort study using The prospectively observed rate of cardiovascular malformations in pregnancies with exposure to bupropion in the At steady state, peak plasma concentration of hydroxybupropion occurred approximately 7 hours after administration of placebo. The initial bupropion dose was 150 mg once daily for 1 week, followed by up-titration to 300 mg once daily. Patients imester from the international Pregnancy Registry was 1.3% (9 cardiovascular malformations/675 first-trimester bupropin holl-life of hydroxybupropinin acquired maintenance of the international pregnancy Registry was 1.3% (9 cardiovascular malformations/675 first-trimester bupropin holl-life of hydroxybupropinin acquired maintenance of the international pregnancy Registry was 1.3% (9 cardiovascular malformations/675 first-trimester bupropin holl-life of hydroxybupropinin acquired maintenance of the unikely or unable to tolerate 300 mg once daily were allowed to remain on, or had read to the unikely or unable to tolerate 300 mg once daily. The mean bupropin doses in the 3 trials ronged from 257 mg to 280 mg per day. The limited Healthcare database and a case-controlled study (6,853 infants with cardiovascular malformations and bupropin metabolities are similar with perconditional limits of the limits of the proposition of the perconditional limits of the limits to peak concentrations for the erythrohydrobupropin metabolities are similar with perconditional limits of the limits of the limits to peak concentrations for the erythrohydrobupropin metabolities are similar with perconditional limits of the limits to peak concentrations for the erythrohydrobupropin metabolities are similar with perconditional limits of the limits of the peak concentrations of the erythrohydrobupropin metabolities are similar with perconditional limits of the li

longer, approximately 33 (±10) and 37 (±13) hours, respectively, and steady-state AUCs were 1.4 and 7 times that of To enter the trials, patients must have had a low level of depressive symptoms, as demonstrated by a score of < 7 on the Hamilton Depression Rating Scale-17 (HAMD17) and a HAMD24 score of < 14. The primary efficacy measure was the Structured Interview Guide for the Hamilton Depression Rating Scale, Seasonal Affective Disorders (SIGH-SAD), which is identical to the HAMD24. The SIGH-SAD consists of the HAMD17 plus 7 items specifically assessing core symptoms of seasona affective disorder: social withdrawal, weight gain, increased appetite, increased eating, carbohydrate craving, hypersomnic Following and administration of 200 mg of 14C-bupropion in humans, 87% and 10% of the radioactive dose were recovered in and fatigability. The primary efficacy endpoint was the onset of a seasonal major depressive espoke. The critical for defining the primary efficacy endpoint was the onset of a seasonal major depressive espoke. The critical for defining the primary efficacy endpoint was the onset of a seasonal major depressive espoke. an episode included: 1) the investigator's judgment that a major depressive episode had accurred or that the patient required intervention for depressive symptoms, or 2) a SIGH-SAD score of > 20 on 2 consecutive weeks. The primary analysis was a

Healthcare database study did not find an association between first trimester maternal burnopion exposure and VSD.

For the findings of LVOTO and VSD, the studies were limited by the small number of exposed cases, inconsistent findings omes studies, and the potential for chance findings from multiple comparisons in case control studies. bupropion and placebo group, respectively

16 HOW SUPPLIED/STORAGE AND HANDLING

Butterjon by metallicity in the entitlement of the include indication in the indication in the indication in the indication in the indication in patients with renal injuriment and a reduced frequency and/or dose should be considered [see Dosage and Administration (2.7) and Use in Specific Populations

MDC 42806-349-09: bottles of 90 tablets

more variable and tended to be greater (by 53% to 57%) in patients with alcoholic liver disease. The differences in half-life for Inform patients, their families, and their caregivers about the benefits and risks associated with treatment with bupropion

very close monitoring and possibly changes in the medication.

range of 300 to 750 mg/day, on a 3 times daily schedule, revealed no relationship between age (18 to 83 years) and plasma the same active ingredient as ZYBAN® which is approved for this use.

hydrochloride extended-release tablets (XL) and counsel them in its appropriate us In a lactation study of ten women, levels of orally dosed bupropion and its active metabolites were measured in expressed milk. The second trial demonstrated no statistically significant differences in the pharmacokinetics of bupropion and its active A patient Medication Guide about "Antidepressant Medication, Depression and Other Serious Mental Illnesses, and Suicidal

8.4 Pediatric Use

Safety and effectiveness in the pediatric population have not been established. When considering the use of buproprial with population have not been established. When considering the use of buproprial with population have not been established. When considering the use of buproprial with population have not been established. When compared to values in healthy valueteers; the mean buproprious have mean buproprious have the mean buproprious have the complete text of the Medication Guide and to obtain answers to any questions they may have.

When compared to values in healthy valueteers, the mean buproprious have the population have not been established. When considering the use of buproprious with severe hepotic cirrhosis vs. 19 hours in healthy subjects). For the metabolite hydroxybupropion, the mean Cmax was The complete text of the Medication Guide and to obtain answers to any questions they may have. hydrochloride extended-release tablets (XL) in a child or adolescent, balance the potential risks with the clinical need [see approximately 69% lower. For the combined amino-alcohol isomers threehydrobupropion, and erythrophydrobupropion, the Advise patients regarding the following issues and to alert their prescriber if these occur while taking bupropion hydrochloride

approximately 69% lower. For the combined amino-alcohol isomers intreonyaroapproprion and erytatronyaroapproprion, memory memory

insomnia, irritability, hostility, aggressiveness, impulsivity, akathisia (psychomotor restlessness), hypomania, mania, other unusual changes in behavior, warsening of depression, and suicidal ideation, especially early during antidepressant treatment and when the dose is adjusted up or down. Advise families and caregivers of patients to observe for the emergence of such enlarged heart on x-ray), there was no apparent effect on the pharmacokinetics of bupropion or its metabolites, compared to or health professional, especially if they are severe, abrupt in onset, or were not part of the patient's press

Symptoms such as these may be associated with an increased risk for suicidal thinking and behavior and indicate a need for

Hydrochloride Extended-Release Tablets and contact a healthcare professional if they experience such symptoms (see Warnin and Precautions (5.2) and Adverse Reactions (6.2)].

sensitivity and to discontinue bupropion hydrochloride extended-rel

Angle-Closure Glaucoma

which in susceptible individuals, can lead to an episode of angle-closure glaucoma. Pre-existing glaucoma is almost always open-angle glaucoma because, angle-clasure glaucoma, when diagnosed, can be treated definitively with iridectomy.

Open-angle glaucoma is not a risk factor for angle-clasure glaucoma. Patients may wish to be examined to determine whether they are susceptible to angle-closure, and have a prophylactic procedure (e.g., iridectomy), if they are susceptible (se

Bupropion-Containing Products

Educate patients that bupropion hydrochloride extended-release tablets (XL) contains the same active ingradient (bupropion) found in ZYBAN®, which is used as an aid to smoking cessation treatment, and that bupropion hydrochloride extended-release tablets (XL) should not be used in combination with ZYBAN® or any other medications that contain bupropion hydrochloride (such as Bupropion Hydrochloride Tablets SR. the sustained-release formulation. Bupropion Hydrochloride Tablets th eneric bupropion HCl products for the immediate, sustained, and extended-release formulations.

Potential for Cognitive and Motor Impairment

se patients that any CNS-active drug like bupropion hydrochloride extended-release tablets (XL) may impair their ability to e parlients that any cursuscrive any use augment systematic extension about 1 per parlied to the riving an automobile or operating complex, hazardous machinery. Bupropion hydrochloride extended-release tablet

Pregnancy

Bupropion Hydrochloride Extended-Release Tablets. Advise patients that there is a pregnancy exposure registry that monitor pregnancy outcomes in women exposed to Bupropion Hydrochloride Extended-Release Tablets during pregnancy (See Use in Specific Populations (8.1)).

Instruct patients if they miss a dose, not to take an extra tablet to make up for the missed dose and to take the next tablet at the regular time because of the dose-related risk of seizure. Instruct patients that bupropion hydrochloride extended-releas

CSPC Quvi Pharmaceutical Co., Ltd.

Manufactured by:

A single-dose study involving 12 healthy male and 12 healthy female volunteers revealed no sex-related differences in the Severe Allergic Reactions