

HIGHLIGHTS OF PRESCRIBING INFORMATION

This highlights do not include all the information needed to use BUPROPION HYDROCHLORIDE EXTENDED-RELEASE TABLETS (XL) safely and effectively. See full prescribing information for BUPROPION HYDROCHLORIDE EXTENDED-RELEASE TABLETS (XL).

BuPRoPIon Hydrochloride Extended-Release Tablets, USP for oral use
Initial U.S. Approval: 1995

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)

INDICATIONS AND USAGE

Bupropion hydrochloride extended-release tablets (XL) is an amineketone antidepressant, indicated for:

- major depressive disorder (MDD) (1.1)
- prevention of seasonal affective disorder (SAD) (1.2)

DOSE AND ADMINISTRATION

General:

- Increase dose gradually to reduce seizure risk. (2.1, 5.3)
- Periodically reassess the dose and need for maintenance treatment. (2.2)

Major Depressive Disorder

- 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

- Initial 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)
- After one week, may increase the dose to 300 mg once daily. (2.3)

Continue treatment through the winter season. (2.3)

Modest to severe hepatic impairment. 150 mg every other day (2.6)

Mild hepatic impairment: Consider reducing the dose and/or frequency of dosing (2.6, 8.7)

Renal Impairment

- Consider reducing the dose and/or frequency of dosing. (2.7, 8.6)

DOSE FORMS AND STRENGTHS

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

CONTRAINDICATIONS

- Seizure disorder. (4, 5.3)
- Current or prior diagnosis of bulimia or anorexia nervosa (4, 5.3)
- Abrupt discontinuation of alcohol, benzodiazepines, barbiturates, antiepileptic drugs. (4, 5.3)
- Monamine 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)

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WARNING: SUICIDAL THOUGHTS AND BEHAVIORS

SUICIDAL THOUGHTS AND ANTIDEPRESSANT DRUGS
Antidepressants increase the risk of suicidal thoughts and behavior in children, adolescents, and young adults in short-term trials. These trials did not show an increase in the risk of suicidal thoughts and behavior with antidepressant use in subjects aged 65 and older (see Warnings and Precautions (5.1)).

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

1 INDICATIONS AND USAGE

1.1 Major Depressive Disorder (MDD)
Bupropion hydrochloride extended-release tablets (XL) are indicated for the treatment of major depressive disorder (MDD), as defined in the Diagnostic and Statistical Manual (DSM).

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-controlled trial in patients who had responded to bupropion in a 6-week study of acute treatment (see Clinical Trials (14.1)).

1.2 Seasonal Affective Disorder (SAD)
Bupropion hydrochloride extended-release tablets (XL) are indicated for the prevention of seasonal major depressive episodes in patients with a diagnosis of seasonal affective disorder (SAD).

The efficacy of bupropion hydrochloride extended-release tablets in the prevention of seasonal major depressive episodes was established in a placebo-controlled trial in adult outpatients with a history of MDD with an autumn-winter seasonal pattern of depressive episodes (see Clinical Trials (14.2)).

2 DOSE AND ADMINISTRATION

Bupropion Hydrochloride Extended-Release Tablets USP (XL) 300 mg, are white to off-white, round tablets, printed with "A102".

2.1 General Instructions for Use

To minimize the risk of seizure, increase the dose gradually (see Warnings and Precautions (5.3)). Bupropion hydrochloride extended-release tablets (XL) should be swallowed whole and not crushed, divided, or chewed. Bupropion hydrochloride extended-release tablets (XL) should be administered in the morning and taken with or without food.

2.2 Dosage for Major Depressive Disorder (MDD)
The recommended starting dose of 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.

2.3 Dosage for Seasonal Affective Disorder (SAD)
The recommended starting dose of SAD is 150 mg once daily. After 7 days of dosing, the dose may be increased to the target dose of 300 mg once daily in the morning. Doses above 300 mg of bupropion hydrochloride extended-release tablets were not assessed in the SAD trials.

For the prevention of seasonal MDD, episodes associated with SAD, initiate bupropion hydrochloride extended-release tablets (XL) in the autumn, prior to the onset of depressive symptoms. Continue treatment through the winter season. Taper and discontinue bupropion hydrochloride extended-release tablets (XL) in early spring. For patients treated with 300 mg per day, decrease the dose to 150 mg once daily before discontinuing bupropion hydrochloride extended-release tablets (XL). Individualize the timing and duration of treatment should be individualized, based on the patient's historical pattern of seasonal MDD episodes.

2.4 Switching Patients from WELLBUTRIN® Tablets (bupropion hydrochloride tablets) or from WELLBUTRIN® SR Sustaine-Release Tablets (bupropion hydrochloride extended-release tablets (SR))

When switching patients from WELLBUTRIN® Tablets (bupropion hydrochloride tablets) to bupropion hydrochloride extended-release tablets (XL) or from WELLBUTRIN® SR Sustaine-Release Tablets (bupropion hydrochloride extended-release tablets (SR)) to bupropion hydrochloride extended-release tablets (XL), give the same total daily dose as possible.

2.5 To Discontinue Bupropion Hydrochloride Extended-Release Tablets (XL), Taper the Dose

When discontinuing treatment in patients treated with bupropion hydrochloride extended-release tablets (XL), stop once daily, decrease the dose to 150 mg once daily prior to discontinuation.

2.6 Dosage Adjustment in Patients with Hepatic Impairment

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

(9.1)).

WARNINGS AND PRECAUTIONS

- Neuropsychiatric Adverse Events During Smoking Cessation: Postmarketing reports of serious or clinically significant neuropsychiatric adverse events have included changes in mood (including depression and mania), psychosis, hallucinations, paranoia, delusions, homicidal ideation, aggression, hostility, agitation, anxiety, and panic, as well as suicidal ideation, suicide attempt, and completed suicide. Observe patients attempting to quit smoking with bupropion hydrochloride extended-release tablets (XL) for the occurrence of such symptoms and instruct them to discontinue bupropion hydrochloride extended-release tablets (XL) and contact a healthcare provider if they experience such adverse events. (5.2)
- Seizure Risk: The risk is dose-related. Can minimize risk by limiting daily dose to 450 mg and gradually increasing the dose. Discontinue if seizure occurs. (4, 5.3, 7.3)
- Hypertension: Bupropion hydrochloride extended-release tablets (XL) can increase blood pressure. Monitor blood pressure before initiating treatment and periodically during treatment. (5.4)
- Activation of Mania/Hypomania: Screen patients for bipolar disorder and monitor for these symptoms. (5.5)
- Psychosis and Other Neuropsychiatric Reactions: Instruct patients to contact a healthcare professional if such reactions occur. (5.6)
- Angle-Closure Glaucoma: Angle-closure glaucoma has occurred in patients with untreated anatomically narrow angles treated with antidepressants. (5.7)

ADVERSE REACTIONS

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

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- Psychosis and Other Neuropsychiatric Reactions: Instruct patients to contact a healthcare professional if such reactions occur. (5.6)
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To report SUSPECTED ADVERSE REACTIONS, contact Par Pharmaceutical at 1-800-828-9393 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

CYP2B6 inducers: Dose increase may be necessary if coadministered with CYP2B6 inducers (e.g., rifonvir, lopinavir, efavirenz, carbamazepine, phenobarbital, and phenytoin) based on clinical experience, but should not exceed the maximum recommended dose. (7.1)

Drugs metabolized by CYP2D6: Bupropion inhibits CYP2D6 and can increase concentrations of antidepressants (e.g., venlafaxine, nortriptyline, imipramine, desipramine, paroxetine, fluoxetine, sertraline), antipsychotics (e.g., haloperidol, risperidone, chlorzhydrate), beta-blockers (e.g., metoprolol), and Type 1C anti-rhythmics (e.g., propafenone, flecainide). Consider dose reduction when using with bupropion. (7.2)

Drugs that lower seizure threshold: Dose bupropion hydrochloride extended-release tablets (XL) with caution. (5.3, 7.3)

Dopamine/ergic Drugs (levodopa and amantadine): CNS toxicity can occur when used concomitantly with bupropion hydrochloride extended-release tablets (XL). (7.4)

MAOIs: Increased risk of hypertensive reactions can occur when used concomitantly 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)

CONTRAINDICATIONS

- Seizure disorder. (4, 5.3)
- Current or prior diagnosis of bulimia or anorexia nervosa (4, 5.3)
- Abrupt discontinuation of alcohol, benzodiazepines, barbiturates, antiepileptic drugs. (4, 5.3)
- Monamine 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)

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2.7 Dose Adjustment in Patients with Renal Impairment

Consider reducing the dose and/or frequency of dosing in patients with renal impairment (see Warnings and Precautions (5.3)). Bupropion hydrochloride extended-release tablets (XL) are contraindicated in patients with a current or prior diagnosis of bulimia or anorexia nervosa as a higher incidence of seizure was observed in such patients treated with bupropion hydrochloride extended-release tablets (XL). (see Warnings and Precautions (5.3))

Drugs metabolized by CYP2D6: Bupropion inhibits CYP2D6 and can increase concentrations of antidepressants (e.g., venlafaxine, nortriptyline, imipramine, desipramine, paroxetine, fluoxetine, sertraline), antipsychotics (e.g., haloperidol, risperidone, chlorzhydrate), beta-blockers (e.g., metoprolol), and Type 1C anti-rhythmics (e.g., propafenone, flecainide). Consider dose reduction when using with bupropion. (7.2)

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