





- are allergic to the active ingredient in bupropion hydrochloride extended-release tablets (XL), bupropion, or to any of the inactive ingredients. See the end of this leaflet for a complete list of ingredients in bupropion hydrochloride extended-release tablets (XL).
- What should I tell my doctor before using bupropion hydrochloride extended-release tablets (XL)?**
  - Tell your doctor about your medical conditions.** Tell your doctor if you
    - are **pregnant or plan to become pregnant**. It is not known if bupropion hydrochloride extended-release tablets (XL) can harm your unborn baby.
    - are **breastfeeding**. Bupropion hydrochloride extended-release tablets (XL) passes through your milk. It is not known if bupropion hydrochloride extended-release tablets (XL) can harm your baby.
    - have **liver problems**, especially cirrhosis of the liver.
    - have kidney problems.
    - have 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 a lot of alcohol.
    - abuse prescription medicines or street drugs.
  - Tell your doctor about all the medicines you take**, including prescription and non-prescription 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 using bupropion hydrochloride extended-release tablets (XL).

- Bupropion hydrochloride extended-release tablets (XL) have not been studied in children under the age of 18 years.
- How should I take bupropion hydrochloride extended-release tablets (XL)?**
- Take bupropion hydrochloride extended-release tablets (XL) exactly as prescribed by your doctor.
  - Do not chew, cut, or crush bupropion hydrochloride extended-release tablets (XL).** You must swallow the tablets whole. **Tell your doctor if you cannot swallow medicine tablets.**
    - Take bupropion hydrochloride extended-release tablets (XL) at the same time each day.
    - Take your doses of bupropion hydrochloride extended-release tablets (XL) at least 24 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 tablet to make up for the dose you forgot. Wait and take your next tablet 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.
  - The bupropion hydrochloride extended-release tablet (XL) is covered by a shell that slowly releases the medicine inside your body. You may notice something in your stool that looks like a tablet. This is normal. This is the empty shell passing from your body.
  - Do not take any other medicines while using bupropion hydrochloride extended-release tablets (XL) unless your doctor has told you it is okay.**
  - If you are taking bupropion hydrochloride extended-release tablets (XL) for the treatment of major depressive disorder, it may take several weeks for you to feel that bupropion hydrochloride extended-release tablets (XL) is working. Once you feel better, it is important to keep taking bupropion hydrochloride extended-release tablets (XL) exactly as directed by your doctor. Call your doctor if you do not feel bupropion hydrochloride extended-release tablets (XL) is working for you.
  - Do not change your dose or stop taking bupropion hydrochloride extended-release tablets (XL) without talking with your doctor first.

- What should I avoid while taking bupropion hydrochloride extended-release tablets (XL)?**
- Do not drink a lot of alcohol while taking bupropion hydrochloride extended-release tablets (XL).
  - If you usually drink a lot of alcohol, talk with your doctor 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 extended-release tablets (XL) can impair your ability to perform these tasks.

- What are possible side effects of bupropion hydrochloride extended-release tablets (XL)?**
- Seizures.** Some patients get seizure while taking bupropion hydrochloride extended-release tablets (XL) if you have a seizure while taking bupropion hydrochloride extended-release tablets (XL), stop taking the tablets and call your doctor right away. Do not take bupropion hydrochloride extended-release tablets (XL) again if you have a seizure.
  - Hypertension (high blood pressure).** Some patients get high blood pressure, sometimes severe, while taking bupropion hydrochloride extended-release tablets (XL). The chance of high blood pressure may be increased if you also use nicotine replacement therapy (for example, a nicotine patch) to help you stop smoking.
  - Severe allergic reactions.** Stop bupropion hydrochloride extended-release tablets (XL) and call your doctor 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 have trouble breathing. These could be signs of a serious allergic reaction.
  - 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 doctor.

- Common side effects reported in studies of major depressive disorder include weight loss, loss of appetite, dry mouth, skin rash, sweating, ringing in the ears, shakiness, stomach pain, agitation, anxiety, dizziness, trouble sleeping, muscle pain, nausea, fast heartbeat, sore throat, and urinating more often. If you have nausea, take your medicine with food. If you have trouble sleeping, do not take your medicine too close to bedtime.
- Tell your doctor right away about any side effects that bother you.
- These are not all the side effects of bupropion hydrochloride extended-release tablets (XL). For a complete list, ask your doctor or pharmacist.
- How should I store bupropion hydrochloride extended-release tablets (XL)?**
- Store bupropion hydrochloride extended-release tablets (XL) at room temperature. Store out of direct sunlight. Keep bupropion hydrochloride extended-release tablets (XL) in its tightly closed bottle.
  - Bupropion hydrochloride extended-release tablets (XL) may have an odor.

- General Information about 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. Keep bupropion hydrochloride extended-release tablets (XL) out of the reach of children.
- This Medication Guide summarizes important information about bupropion hydrochloride extended-release tablets (XL). For more information, talk with your doctor. You can ask your doctor or pharmacist for information about bupropion hydrochloride extended-release tablets (XL) that is written for health professionals.
- What are the ingredients in bupropion hydrochloride extended-release tablets (XL)?**
- Active ingredient: bupropion hydrochloride.
- Inactive ingredients: dehydrated alcohol, ethylcellulose, hydrochloric acid, hydroxypropylcellulose, methacrylic acid copolymer, povidone, silicon dioxide, hydrogenated vegetable oil and ethyl alcohol. The tablets are printed with edible black ink.
- \*The following are registered trademarks of their respective manufacturers: PROZAC®/Eli Lilly and Company; ZOLOFT®/Pfizer Pharmaceuticals; LUVOX®/Solvay Pharmaceuticals; INC/ANAFRANIL®/Mallinckrodt Inc.; NARDIL®/Warner Lambert Company; MARPLAN®/Oxford Pharmaceutical Services, Inc.; PARIMATE®/GlaxoSmithKline.
- This Medication Guide has been approved by the U.S. Food and Drug Administration.



Manufactured by:  
Anchen Pharmaceuticals, Inc.  
Irvine, CA 92618

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Table 4. Treatment-Emergent Adverse Events in Placebo-Controlled Trials*				
Body System/ Adverse Event	Sustained-release formulation of bupropion 300 mg/day (n=376)	Sustained-release formulation of bupropion 400 mg/day (n=114)	Placebo (n=385)	
Body (General)				
Headache	26%	25%	23%	
Infection	8%	9%	6%	
Abdominal pain	3%	9%	2%	
Asthenia	2%	4%	2%	
Chest pain	3%	4%	1%	
Pain	2%	3%	2%	
Fever	1%	2%	—	
Cardiovascular				
Palpitation	2%	6%	2%	
Flushing	1%	4%	—	
Migraine	1%	4%	1%	
Hot flashes	1%	3%	1%	
Digestive				
Dry mouth	17%	24%	7%	
Nausea	13%	18%	8%	
Constipation	10%	5%	7%	
Diarrhea	5%	7%	6%	
Anorexia	5%	3%	2%	
Vomiting	4%	2%	2%	
Dysphagia	0%	2%	0%	
Musculoskeletal				
Myalgia	2%	6%	3%	
Arthralgia	1%	4%	1%	
Arthritis	0%	2%	—	
Twitch	1%	2%	0%	
Nervous System				
Insomnia	11%	16%	6%	
Dizziness	7%	11%	5%	
Agitation	3%	9%	2%	
Anxiety	5%	6%	3%	
Tremor	6%	3%	1%	
Nervousness	3%	3%	3%	
Somnolence	2%	3%	2%	
Irritability	3%	2%	1%	
Memory decreased	—	3%	—	
Paresthesia	1%	2%	1%	
Central nervous system stimulation	2%	1%	1%	
Respiratory				
Pharyngitis	3%	11%	2%	
Sinusitis	3%	1%	2%	
Increased cough	1%	2%	1%	
Skin				
Sweating	6%	5%	2%	
Rash	5%	4%	1%	
Pruritus	2%	4%	2%	
Urticaria	—	1%	0%	
Special senses				
Tinnitus	6%	6%	2%	
Taste Perversion	3%	4%	—	
Amblyopia	2%	2%	2%	
Urogenital				
Urinary frequency	2%	5%	2%	
Urinary Urgency	—	2%	0%	
Vaginal Hemorrhage†	0%	2%	—	
Urinary tract Infection	1%	0%	—	

\* Adverse events that occurred in at least 1% of patients treated with either 300 or 400 mg/day of the sustained-release formulation of bupropion, but equally or more frequently in the placebo group, were: abnormal dreams, accidental injury, acne, appetite increased, back pain, bronchitis, dysmenorrhea, dyspepsia, flatulence, flu syndrome, hypertension, neck pain, respiratory disorder, rhinitis, and tooth disorder.

† Incidence based on the number of female patients.

— Hyphen denotes adverse events occurring in greater than 0 but less than 0.5% of patients.

Additional events to those listed in Table 4 that occurred at an incidence of at least 1% in controlled clinical trials of the immediate-release formulation of bupropion (300 to 600 mg/day) and that were numerically more frequent than placebo were: cardiac arrhythmias (5% vs 2%), hypertension (4% vs 2%), hypotension (3% vs 2%), tachycardia (11% vs 9%), appetite increase (4% vs 2%), dyspepsia (3% vs 2%), menstrual complaints (5% vs 1%), akathisia (2% vs 1%), impaired sleep quality (4% vs 2%), sensory disturbance (4% vs 3%), confusion (8% vs 5%), decreased libido (3% vs 2%), hostility (6% vs 4%), auditory disturbance (5% vs 3%), and gustatory disturbance (2% vs 1%).

**Incidence of Commonly Observed Adverse Events in Controlled Clinical Trials:**

Adverse events from Table 4 occurring in at least 5% of patients treated with the sustained-release formulation of bupropion and at a rate at least twice the placebo rate are listed below for the 300- and 400-mg/day dose groups.

**300 mg/day of the Sustained-Release Formulation:** Anorexia, dry mouth, rash, sweating, tinnitus, and tremor.

**400 mg/day of the Sustained-Release Formulation:** Abdominal pain, agitation, anxiety, dizziness, dry mouth, insomnia, myalgia, nausea, palpitation, pharyngitis, sweating, tinnitus, and urinary frequency.

**Other Events Observed During the Clinical Development and Postmarketing Experience of Bupropion:** In addition to the adverse events noted above, the following events have been reported in clinical trials and postmarketing experience with the sustained-release formulation of bupropion in depressed patients and in non-depressed smokers, as well as in clinical trials and postmarketing clinical experience with the immediate-release formulation of bupropion.

Adverse events for which frequencies are provided below occurred in clinical trials with the sustained-release formulation of bupropion. The frequencies represent the proportion of patients who experienced a treatment-emergent adverse event on at least one occasion in placebo-controlled studies for depression (n = 987) or smoking cessation (n = 1,013), or patients who experienced an adverse event requiring discontinuation of treatment in an open-label surveillance study with the sustained-release formulation of bupropion (n = 3,100). All treatment-emergent adverse events are included except those listed in Tables 1 through 4, those events listed in other safety-related sections, those adverse events submitted under CDART terms that are either overly general or excessively specific so as to be uninformative, those events not reasonably associated with the use of the product, and the use of the product in children. Events that were not serious and occurred in fewer than 2 patients. Events of major clinical importance are described in the WARNINGS and PRECAUTIONS sections of the labeling.

Events are further categorized by body system and listed in order of decreasing frequency according to the following definitions of frequency: Frequent adverse events are defined as those occurring in at least 1/100 patients. Infrequent adverse events are those occurring in 1/100 to 1/1,000 patients, while rare events are those occurring in less than 1/1,000 patients.

Adverse events for which frequencies are not provided occurred in clinical trials or postmarketing experience with bupropion. Only those adverse events not previously listed for sustained-release bupropion are included. The extent to which these events may be associated with bupropion hydrochloride extended-release tablets (XL) is unknown.

**Body (General):** Infrequent were chills, facial edema, musculoskeletal chest pain, and photosensitivity. Rare was malaise. Also observed were arthralgia, myalgia, and fever with rash and other symptoms suggestive of delayed hypersensitivity. These symptoms may resemble serum sickness (see PRECAUTIONS).

**Cardiovascular:** Infrequent were postural hypotension, stroke, tachycardia, and vasodilation. Rare was syncope. Also observed were complete atrioventricular block, extrasystoles, hypotension, hypertension (in some cases severe, see PRECAUTIONS), myocardial infarction, phlebitis, and pulmonary embolism.

**Digestive:** Infrequent were abnormal liver function, bruxism, gastric reflux, gingivitis, glossitis, increased salivation, jaundice, mouth ulcers, stomatitis, and thirst. Rare was edema of tongue. Also observed were colitis, esophagitis, gastrointestinal hemorrhage, gum hemorrhage, hepatitis, intestinal perforation, liver damage, pancreatitis, and stomach ulcer.

**Endocrine:** Also observed were hyperglycemia, hypoglycemia, and syndrome of inappropriate antidiuretic hormone.

**Hemic and Lymphatic:** Infrequent was ecchymosis. Also observed were anemia, leukocytosis, leukopenia, lymphadenopathy, pancytopenia, and thrombocytopenia. Altered PT and/or INR, infrequently associated with hemorrhagic or thrombotic complications, were observed when bupropion was coadministered with warfarin.

**Metabolic and Nutritional:** Infrequent were edema and peripheral edema. Also observed was glycosuria.

**Musculoskeletal:** Infrequent were leg cramps. Also observed were muscle rigidity/fever/rhabdomyolysis and muscle weakness.

**Nervous System:** Infrequent were abnormal coordination, decreased libido, depersonalization, dysphoria, emotional lability, hostility, hyperkinesia, hypertonía, hypesthesia, suicidal ideation, and vertigo. Rare were amnesia, ataxia, derealization, and hypomania. Also observed were abnormal electroencephalogram (EEG), aggression, akinesia, aphasia, coma, delirium, delusions, dysrhythmia, dyskinesia, dystonia, euphoria, extrapyramidal syndrome, hallucinations, hypokinesia, increased libido, manic reaction, neuralgia, neuropathy, paranoid ideation, restlessness, and unmasking tardive dyskinesia.

**Respiratory:** Rare was bronchospasm. Also observed was pneumonia.

**Skin:** Rare was maculopapular rash. Also observed were alopecia, angioedema, exfoliative dermatitis, and hirsutism.

**Special Senses:** Infrequent were accommodation abnormality and dry eye. Also observed were deafness, diplopia, increased intraocular pressure, and mydriasis.

**Urogenital:** Infrequent were impotence, polyuria, and prostate disorder. Also observed were abnormal ejaculation, cystitis, dyspareunia, dysuria, gynecomas-tia, menopause, painful erection, salpingitis, urinary incontinence, urinary retention, and vaginitis.

**DRUG ABUSE AND DEPENDENCE**

**Controlled Substance Class:** Bupropion is not a controlled substance.

**Humans:** Controlled clinical studies of bupropion (immediate-release formulation) conducted in normal volunteers, in subjects with a history of multiple drug abuse, and in depressed patients showed some increase in motor activity and agitation/excitement.

In a population of individuals experienced with drugs of abuse, a single dose of 400 mg of bupropion produced mild amphetamine-like activity as compared to placebo on the Morphine-Benzedrine Subscale of the Addiction Research Center Inventories (ARCI), and a score intermediate between placebo and amphetamine on the Liking Scale of the ARCI. These scales measure general feelings of euphoria and drug desirability.

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 likely to be especially reinforcing to amphetamine or stimulant abusers. However, higher doses that could not be tested because of the risk of seizure might be modestly attractive to those who abuse stimulant drugs.

**Animals:** Studies in rodents and primates have shown that bupropion exhibits some pharmacologic actions common to psychostimulants. In rodents, it has been shown to increase locomotor activity, elicit a mild stereotyped behavioral response, and increase rates of responding in several schedule-controlled behavior paradigms. In primate models to assess the positive reinforcing effects of psychostimulant drugs, bupropion was self-administered intravenously. In rats, bupropion produced amphetamine-like and cocaine-like discriminative stimulus effects in drug discrimination paradigms used to characterize the subjective effects of psychostimulant drugs.

**OVERDOSSAGE**

**Human Overdose Experience:** Overdoses of up to 30 g or more of bupropion have been reported. Seizure was reported in approximately one third of all cases. Other serious reactions reported with overdoses of bupropion alone included hallucinations, loss of consciousness, sinus tachycardia, and ECG changes such as conduction disturbances or arrhythmias. Fever, muscle rigidity, rhabdomyolysis, hypotension, stupor, coma, and respiratory failure have been reported mainly when bupropion was part of multiple drug overdoses.

Although most patients recovered without sequelae, deaths associated with overdoses of bupropion alone have been reported in patients ingesting large doses of the drug. Multiple uncontrolled seizures, bradycardia, cardiac failure, and cardiac arrest prior to death were reported in these patients.

**Overdose Management:** Ensure an adequate airway, oxygenation, and ventilation. Monitor cardiac rhythm and vital signs. EEG monitoring is also recommended for the first 48 hours post-ingestion. General supportive measures are also recommended. Induction of emesis is not recommended. Gastric lavage with a large-bore orogastric tube with appropriate airway protection, if needed, may be indicated if performed soon after ingestion or in symptomatic patients.

Activated charcoal should be administered. There is no experience with the use of forced diuresis, dialysis, hemoperfusion, or exchange transfusion in the management of bupropion overdoses. No specific antidotes for bupropion are known.

Due to the dose-related risk of seizures with bupropion hydrochloride extended-release tablets (XL), hospitalization following suspected overdose should be considered. Based on studies in animals, it is recommended that seizures be treated with intravenous benzodiazepine administration and other supportive measures, as appropriate.

In managing overdose, consider the possibility of multiple drug involvement. The physician should consider contacting a poison control center for additional information on the treatment of any overdose. Telephone numbers for certified poison control centers are listed in the *Physicians' Desk Reference* (PDR).

**DOSSAGE AND ADMINISTRATION**

**General Dosing Considerations:** It is particularly important to administer bupropion hydrochloride extended-release tablets (XL) in a manner most likely to minimize the risk of seizure (see WARNINGS). Gradual escalation in dosage is also important if agitation, motor restlessness, and insomnia, often seen during the initial days of treatment, are to be minimized. If necessary, these effects may be managed by temporary reduction of dose or the short-term administration of an intermediate to long-acting sedative hypnotic. A sedative hypnotic usually is not required beyond the first week of treatment. Insomnia may also be minimized by avoiding bedtime dosing. If distressing, untoward effects supervene, dose escalation should be stopped. Bupropion hydrochloride extended-release tablets (XL) should be swallowed whole and not crushed, divided, or chewed. Bupropion hydrochloride extended-release tablets (XL) may be taken without regard to meals.

**Major Depressive Disorder: Initial Treatment:** The usual adult target dose for bupropion hydrochloride extended-release tablets (XL) is 300 mg/day, given once daily in the morning. Dosing with bupropion hydrochloride extended-release tablets (XL) should begin at 150 mg/day given as a single daily dose in the morning. If the 150-mg initial dose is adequately tolerated, an increase to the 300-mg/day target dose, given as once daily, may be made as early as day 4 of dosing. There should be an interval of at least 24 hours between successive doses.

**Increasing the Dose Above 300 mg/day:** As with other antidepressants, the full antidepressant effect of bupropion hydrochloride extended-release tablets (XL) may not be evident until 4 weeks of treatment or longer. An increase in dosage to the maximum of 450 mg/day, given as a single dose, may be considered for patients in whom no clinical improvement is noted after several weeks of treatment at 300 mg/day.

**Maintenance Treatment:** It is generally agreed that acute episodes of depression require several months or longer of sustained pharmacological therapy beyond response to the acute episode. It is unknown whether or not the dose of bupropion hydrochloride extended-release tablets (XL) needed for maintenance treatment is identical to the dose needed to achieve an initial response. Patients should be periodically reassessed to determine the need for maintenance treatment and the appropriate dose for such treatment.

**Switching Patients from Bupropion Hydrochloride Tablets or from Bupropion Hydrochloride Sustained-Release Tablets:** When switching patients from bupropion hydrochloride tablets to bupropion hydrochloride extended-release tablets (XL) or from bupropion hydrochloride sustained-release tablets to bupropion hydrochloride extended-release tablets (XL), give the same total daily dose when possible. Patients who are currently being treated with bupropion hydrochloride tablets at 300 mg/day (for example, 100 mg 3 times a day) may be switched to bupropion hydrochloride extended-release tablets (XL) 300 mg once daily. Patients who are currently being treated with bupropion hydrochloride sustained-release tablets at 300 mg/day (for example, 150 mg twice daily) may be switched to bupropion hydrochloride extended-release tablets (XL) 300 mg once daily.

**Dosage Adjustment for Patients With Impaired Hepatic Function:** Bupropion hydrochloride extended-release tablets (XL) should be used with extreme caution in patients with severe hepatic cirrhosis. The dose should not exceed 150 mg every other day in these patients. Bupropion hydrochloride extended-release tablets (XL) should be used with caution in patients with hepatic impairment (including mild to moderate hepatic cirrhosis) and a reduced frequency and/or dose should be considered in patients with mild to moderate hepatic cirrhosis (see CLINICAL PHARMACOLOGY, WARNINGS, and PRECAUTIONS).

**Dosage Adjustment for Patients With Impaired Renal Function:** Bupropion hydrochloride extended-release tablets (XL) should be used with caution in patients with renal impairment and a reduced frequency and/or dose should be considered (see CLINICAL PHARMACOLOGY and PRECAUTIONS).

**HOW SUPPLIED**

Bupropion hydrochloride extended-release tablets USP (XL) 150 mg, are white to off-white, round, tablets printed with "A101". They are supplied as follows:

Bottles of 30 NDC # 10370-101-03

Bottles of 60 NDC # 10370-101-06

Bottles of 90 NDC # 10370-101-09

Bupropion hydrochloride extended-release tablets USP (XL) 300 mg, are white to off-white, round, tablets printed with "A102". They are supplied as follows:

Bottles of 30 NDC # 10370-102-03

Bottles of 60 NDC # 10370-102-06

Bottles of 90 NDC # 10370-102-09

**Store at 20-25°C (68-77°F) (see USP Controlled Room Temperature)**

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Medication Guide

**Bupropion hydrochloride extended-release tablets USP (XL)**

Read this Medication Guide carefully before you start using bupropion hydrochloride extended-release tablets (XL) and each time you get a refill. There may be new information. This information does not take the place of talking with your doctor about your medical condition or your treatment. If you have any questions about bupropion hydrochloride extended-release tablets (XL), ask your doctor or pharmacist.

**IMPORTANT: Be sure to read the section of this Medication Guide beginning with "What is the most important information I should know about bupropion hydrochloride extended-release tablets (XL)?" It contains important information about this medication. It immediately follows the next section called "About Using Antidepressants in Children and Teenagers."**

About Using Antidepressants in Children and Teenagers

**What is the most important information I should know if my child is being prescribed an antidepressant?**

Parents or guardians need to think about 4 important things when their child is prescribed an antidepressant:

- There is a risk of suicidal thoughts or actions
- How to try to prevent suicidal thoughts or actions in your child
- You should watch for certain signs if your child is taking an antidepressant
- There are benefits and risks when using antidepressants

**1. There is a Risk of Suicidal Thoughts or Actions**

Children and teenagers sometimes think about suicide, and many report trying to kill themselves. Antidepressants increase suicidal thoughts and actions in some children and teenagers. But suicidal thoughts and actions can also be caused by depression, a serious medical condition that is commonly treated with antidepressants. Thinking about killing yourself or trying to kill yourself is called *suicidality* or *being suicidal*. A large study combined the results of 24 different studies of children and teenagers with depression or other illnesses. In these studies, patients took either a placebo (sugar pill) or an antidepressant for 1 to 4 months. **No one committed suicide in these studies**, but some patients became suicidal. On sugar pills, 2 out of every 100 became suicidal. On the antidepressants, 4 out of every 100 patients became suicidal.

**For some children and teenagers, the risks of suicidal thoughts may be especially high.** These include patients with

- Bipolar illness (sometimes called manic-depressive illness)

- A family history of bipolar illness
  - A personal or family history of attempting suicide
- If any of these are present, make sure you tell your healthcare provider before your child takes an antidepressant.
- 2. How to Try to Prevent Suicidal Thoughts and Actions**
- To try to prevent suicidal thoughts and actions in your child, pay close attention to changes in her or his moods or actions, especially if the changes occur suddenly. Other important people in your child's life can help by paying attention as well (e.g., your child, brothers and sisters, teachers, and other important people). The changes to look out for are listed in Section 3, on what to watch for.
- Whenever an antidepressant is started or its dose is changed, pay close attention to your child.
- After starting an antidepressant, your child should generally see his or her healthcare provider:
- Once a week for the first 4 weeks
  - Every 2 weeks for the next 4 weeks
  - After taking the antidepressant for 12 weeks
  - After 12 weeks, follow your healthcare provider's advice about how often to come back
  - More often if problems or questions arise (see Section 3)
- You should call your child's healthcare provider between visits if needed.

- 3. You Should Watch For Certain Signs if Your Child is Taking an Antidepressant**
- Contact your child's healthcare provider **right away** if your child exhibits any of the following signs for the first time, or they seem worse, or worry you, your child, or your child's teacher:
- Thoughts about suicide or dying
  - Attempts to commit suicide
  - New or worse depression
  - New or worse anxiety
  - Feeling very agitated or restless
  - Panic attacks
  - Difficulty sleeping (insomnia)
  - New or worse irritability
  - Acting aggressive, being angry, or violent
  - Acting on dangerous impulses
  - An extreme increase in activity and talking
  - Other unusual changes in behavior or mood
- Never let your child stop taking an antidepressant without first talking to his or her healthcare provider. Stopping an antidepressant suddenly can cause other symptoms.
- 4. There are Benefits and Risks When Using Antidepressants**
- Antidepressants are used to treat depression and other illnesses. Depression and other illnesses can lead to suicide. In some children and teenagers, treatment with an antidepressant increases suicidal thinking or actions. It is important to discuss all the risks of treating depression and also the risks of not treating it.
- You and your child should discuss all treatment choices with your healthcare provider, not just the use of antidepressants.
- Other side effects can occur with antidepressants (see section below).
- Of all antidepressants, only fluoxetine (Prozac®) has been FDA approved to treat pediatric depression.
- For obsessive compulsive disorder in children and teenagers, FDA has approved only fluoxetine (Prozac®), sertraline (Zoloft®), fluvoxamine, and clomipramine (Anafanil®).
- Your healthcare provider may suggest other antidepressants based on the past experience of your child or other family members.

**Is this all I need to know if my child is being prescribed an antidepressant?**

No. This is a warning about the risk of suicidality. Other side effects can occur with antidepressants. Be sure to ask your healthcare provider to explain all the side effects of the particular drug he or she is prescribing. Also ask about drugs to avoid when taking an antidepressant. Ask your healthcare provider or pharmacist where to find more information.

**What is the most important information I should know about bupropion hydrochloride extended-release tablets (XL)?**

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

- with certain medical problems.
- who take certain medicines.

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 doctor before using bupropion hydrochloride extended-release tablets (XL)?" Tell your doctor about all of your medical conditions and all the medicines you take. **Do not take any other medicines while you are using bupropion hydrochloride extended-release tablets (XL) unless your doctor 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 doctor right away.** Do not take bupropion hydrochloride extended-release tablets (XL) again if you have a seizure.

**What is important information I should know and share with my family about taking antidepressants?**

Patients and their families should watch out for worsening depression or thoughts of suicide. Also watch out for sudden or severe changes in feelings such as feeling anxious, agitated, panicky, irritable, hostile, aggressive, impulsively, severely restless, overly excited or hyperactive, not being able to sleep, or other unusual changes in behavior. If this happens, especially at the beginning of antidepressant treatment or after a change in dose, call your doctor.

For additional information see section above entitled "About Using Antidepressants in Children and Teenagers." bupropion hydrochloride extended-release tablet (XL) has not been studied in children under the age of 18 and is not approved for use in children and teenagers.

**What are bupropion hydrochloride extended-release tablets (XL)?**

Bupropion hydrochloride extended-release tablets (XL) are 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.
- are taking ZYBAN® (used to help people stop smoking) or any other medicines that contain bupropion hydrochloride, such as bupropion hydrochloride tablets or bupropion hydrochloride sustained-release tablets. Bupropion is the same active ingredient that is in bupropion hydrochloride extended-release tablets (XL).
- drink a lot of alcohol and abruptly stop drinking, or use medicines called sedatives (these make you sleepy) or benzodiazepines and you stop using them all of a sudden.
- have taken within the last 14 days medicine for depression called a monoamine oxidase inhibitor (MAOI), such as NARDIL® (phenelzine sulfate), PARNATE® (tranylcypromine sulfate), or MARPLAN® (isocarboxazid)\*.
- have or had an eating disorder such as anorexia nervosa or bulimia.

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This leaflet for a complete list of ingredients in bupropion hydrochloride extended-release tablets (XL).

**What should I tell my doctor before using bupropion hydrochloride extended-release tablets (XL)?**

- Tell your doctor about your medical conditions.** Tell your doctor if you
  - are **pregnant or plan to become pregnant**. It is not known if bupropion hydrochloride extended-release tablets (XL) can harm your unborn baby.
  - are **breastfeeding**. Bupropion hydrochloride extended-release tablets (XL) passes through your milk. It is not known if bupropion hydrochloride extended-release tablets (XL) can harm your baby.
  - have **liver problems**, especially cirrhosis of the liver.
  - have kidney problems.
  - have 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 a lot of alcohol.
  - abuse prescription medicines or street drugs.
- Tell your doctor about all the medicines you take**, including prescription and non-prescription 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 using bupropion hydrochloride extended-release tablets (XL).

Bupropion hydrochloride extended-release tablets (XL) have not been studied in children under the age of 18 years.

**How should I take bupropion hydrochloride extended-release tablets (XL)?**

- Take bupropion hydrochloride extended-release tablets (XL) exactly as prescribed by your doctor.
- Do not chew, cut, or crush bupropion hydrochloride extended-release tablets (XL).** You must swallow the tablets whole. **Tell your doctor if you cannot swallow medicine tablets.**
  - Take bupropion hydrochloride extended-release tablets (XL) at the same time each day.
  - Take your doses of bupropion hydrochloride extended-release tablets (XL) at least 24 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 tablet to make up for the dose you forgot. Wait and take your next tablet at the regular time. **This is very important.** Too much bupropion hydrochloride extended-release tablets (XL) can