

**Venlafaxine Hydrochloride Extended-Release Tablets**

**Rx only**

**HIGHLIGHTS OF PRESCRIBING INFORMATION**

These highlights do not include all the information needed to use Venlafaxine Hydrochloride Extended-Release Tablets safely and effectively. See full prescribing information for Venlafaxine Hydrochloride Extended-Release Tablets.

Venlafaxine Hydrochloride Extended-Release Tablets, for oral use. Initial U.S. Approval: 1993

**See full prescribing information for complete boxed warning.**  
**Increased risk of suicidal thinking and behavior in children, adolescents and young adults taking antidepressants for major depressive disorder (MDD) and other psychiatric disorders. Venlafaxine Hydrochloride Extended-Release Tablets are not approved for use in pediatric patients. (5.1)**

**RECENT MAJOR CHANGES**

Warning and Precautions (5.18) 10/2021

**INDICATIONS AND USAGE**

Venlafaxine Hydrochloride Extended-Release Tablets are a selective serotonin and norepinephrine reuptake inhibitor (SNRI) indicated for the treatment of:

- Major Depressive Disorder (MDD) (1.1)
- Social Anxiety Disorder (SAD) (1.2)

**DOSE AND ADMINISTRATION**

• Initial Treatment (2.1)

Indication	Starting Dose	Dose Increase	Maximum Dose
Major Depressive Disorder	75 mg/day (in some patients at intervals of 4 to 7 days)	75 mg/day increments at intervals of 7 to 14 days or higher	225 mg/day
Social Anxiety Disorder	75 mg/day	No benefit at higher doses	75 mg/day

• Venlafaxine Hydrochloride Extended-Release Tablets should be taken as a single daily dose with food in either the morning or evening at the same time each day. (2)  
 • Discontinuation: Gradual; individualized as necessary. (2.4)

**DOSE FORMS AND STRENGTHS**

• 150 mg and 225 mg tablets (3)

**CONTRAINDICATIONS**

• Serotonin Syndrome and MAOIs: Do not use MAOIs intended to treat psychiatric disorders with Venlafaxine Hydrochloride Extended-Release Tablets or within 7 days of stopping treatment with Venlafaxine Hydrochloride Extended-Release Tablets. Do not use Venlafaxine Hydrochloride Extended-Release Tablets within 14 days of stopping an MAOI intended to treat psychiatric disorders. In addition, do not start Venlafaxine Hydrochloride Extended-Release Tablets in a patient who is being treated with linezolid or intravenous methylene blue. (4.1)

**WARNINGS AND PRECAUTIONS**

• Serotonin Syndrome: Serotonin syndrome has been reported with SSRIs and SNRIs, including Venlafaxine Hydrochloride Extended-Release Tablets, both when taken alone, but especially when co-administered with other serotonergic agents, including antidepressants, tricyclic antidepressants, fentanyl, lithium, tramadol, tryptophan, buspirone, amphetamines, and St. John's Wort). If such symptoms occur, discontinue Venlafaxine Hydrochloride Extended-Release Tablets and initiate supportive treatment. If concomitant use of Venlafaxine Hydrochloride Extended-Release Tablets with other serotonergic drugs is clinically warranted, patients should be made aware of a potential increased risk for serotonin syndrome, particularly during treatment initiation and dose increases. (5.2)

- Suidality: Monitor for clinical worsening and suicide risk. (5.1)
- Sustained hypertension may occur. Blood pressure monitoring recommended. (5.3)
- Angle Closure Glaucoma: Angle closure glaucoma has occurred in patients with untreated anatomically narrow-angle glaucoma. (5.4)
- Abrupt discontinuation or dose reduction: Discontinuation symptoms may appear (generally self-limiting; serious symptoms possible). Dose reduction recommended to be gradual. (5.5)
- Activation of Mania/Hypomania has occurred. (5.10)
- Seizures have been reported. Use with caution in patients with seizure history. (5.12)
- Abnormal bleeding (most commonly ecchymosis) has been reported. (5.13)
- Serum cholesterol: Clinically relevant cholesterol increases may occur. Cholesterol measurements should be considered during long-term therapy. (5.14)
- Interstitial lung disease and eosinophilic pneumonia have been reported. (5.15)
- Sexual Dysfunction: Venlafaxine Hydrochloride Extended-Release Tablets may cause symptoms of sexual dysfunction. (5.18)

**ADVERSE REACTIONS**

Major Depressive Disorder - Adverse events in short-term studies that occurred in at least 5% of the patients receiving venlafaxine extended-release capsules and at a rate at least twice that of the placebo group were abnormal ejaculation, gastrointestinal complaints (nausea, dry mouth, and anorexia), CNS complaints (dizziness, somnolence, and abnormal dreams), and sweating. (6)  
 Social Anxiety Disorder - Adverse events in short-term studies that occurred in at least 5% of the patients receiving venlafaxine extended-release capsules and at a rate at least twice that of the placebo group were anxiety, gastrointestinal complaints (nausea, dry mouth, and anorexia), CNS complaints (dizziness, somnolence, nervousness, somnolence, dizziness), abnormalities of sexual function (abnormal ejaculation, orgasmic dysfunction, impotence), yawn, sweating, and abnormal vision. (6)  
**To report SUSPECTED ADVERSE REACTIONS, contact Edenbridge Pharmaceuticals, LLC at 1-877-381-3338 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.**

**DRUG INTERACTIONS**

- MAOIs: concomitant use contraindicated. (4) Avoid MAOIs 14 days before starting venlafaxine and 7 days after stopping venlafaxine.
- Cimetidine: Caution in patients with pre-existing hypertension, in elderly patients and patients with hepatic dysfunction. (7.2)
- Haloperidol: Increase in haloperidol AUC and  $C_{min}$ . (7.4)
- Ketoconazole: Increase in venlafaxine and O-desmethylvenlafaxine AUC and  $C_{min}$ . Caution when using together. (7.5)
- Metoprolol: Possibly reduced blood pressure lowering effect despite increased metoprolol plasma levels. Caution should be exercised with co-administration of venlafaxine and metoprolol. (7.8)
- CNS-active drugs: Caution when using venlafaxine with such drugs. (7.10)
- Serotonergic drugs (e.g., triptans, SSRIs, other SNRIs, linezolid, lithium, tramadol, or St. John's Wort): Potential for serotonin syndrome. Careful patient observation advised. (7.10)
- Tryptophan supplements: Concomitant use not recommended. (7.10)
- Pregnancy: Use during pregnancy only if clearly needed. Neonates exposed to venlafaxine in the third trimester have developed complications requiring prolonged hospitalization, respiratory support, and tube feeding. Benefits and risk of venlafaxine use in the third trimester should be carefully considered. (2.3, 8.1)
- Nursing: Potential for adverse reactions in the infant. Discontinue nursing or drug, considering the importance of the drug to the mother. (8.3)
- Pediatric use: Not approved for use in pediatric patients. When considering use in a child or adolescent, balance potential risks with clinical need. (8.4)
- Hepatic impairment: Reduce dose and/or increase frequency by 50% recommended in patients with mild to moderate impairment. In patients with cirrhosis, further reduction may be necessary and dosing individualized may be desirable. (2.3, 8.6)
- Renal impairment: Reduction of daily dose by 25-50% recommended. Dosing individualization may be necessary. (2.3, 8.7)
- Hemodialysis: Reduction of daily dose by 50% (2.3, 8.7)

**See 17 FOR PATIENT COUNSELING INFORMATION and Medication Guide**

Revised: 10/2021

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**FULL PRESCRIBING INFORMATION**  
**Venlafaxine Hydrochloride Extended-Release Tablets**

**WARNING: SUICIDALITY AND ANTIDEPRESSANT DRUGS**  
**Antidepressants increase the risk compared to placebo of suicidal thinking and behavior (suicidality) in children, adolescents, and young adults in short-term studies of Major Depressive Disorder (MDD) and other psychiatric disorders. Anyone considering the use of Venlafaxine Hydrochloride Extended-Release Tablets or any other antidepressant in a child, adolescent, or young adult must balance this risk with the clinical need. Short-term studies did not show an increase in the risk of suicidality with antidepressants compared to placebo in adults beyond age 24; there was a reduction in risk with antidepressants compared to placebo in adults aged 65 and older. Depression and other psychiatric disorders are themselves associated with increases in the risk of suicidality. Patients of all ages who are started on antidepressant therapy should be monitored appropriately and observed closely for clinical worsening, suicidality, or unusual changes in behavior. Families and caregivers should be advised of the need for close observation and communication with the patient. These risks are minimized when antidepressants are initiated and closely monitored in pediatric patients. *See Warnings and Precautions (5.1) and Patient Counseling Information (17.1)***

**1. INDICATIONS AND USAGE**

**1.1 Major Depressive Disorder**  
 Venlafaxine Hydrochloride Extended-Release Tablets are indicated for the treatment of major depressive disorder (MDD). Efficacy of venlafaxine in MDD was shown in both short-term trials and a longer-term trial in MDD *See Clinical Studies (14.1)*.  
 A major depressive episode (DSM-IV) implies a prominent and relatively persistent (nearly every day for at least 2 weeks) depressed mood or the loss of interest or pleasure in all activities, representing a change from previous functioning, and includes the presence of at least five of the following nine symptoms during the same two-week period: depressed mood, markedly diminished interest or pleasure in usual activities, significant change in weight and/or appetite, insomnia or hypersomnia, psychomotor agitation or retardation, increased fatigue, feelings of guilt or worthlessness, thoughts of death or suicidal ideation, or suicidal ideation or suicide attempt.

**1.2 Social Anxiety Disorder**  
 Venlafaxine Hydrochloride Extended-Release Tablets are indicated for the treatment of Social Anxiety Disorder (SAD), also known as Social Phobia, as defined in DSM-IV. Social Anxiety Disorder (DSM-IV) is characterized by a marked and persistent fear of 1 or more social or performance situations in which the person is exposed to unfamiliar people or to possible scrutiny by others. Exposure to the feared situation almost invariably provokes anxiety, which may approach the intensity of a panic attack. The feared situations are avoided or endured with intense anxiety and distress. The avoidance, anxious anticipation, or distress in the feared situation(s) interferes significantly with the person's normal routine, occupational or academic functioning, or social activities or relationships, or there is marked distress about having the phobia. Lesser degrees of performance anxiety or shyness generally do not require psychopharmacological treatment.  
 Efficacy of venlafaxine extended-release in the treatment of SAD was established in short-term SAD trials *See Clinical Studies (14.2)*.

**2. DOSAGE AND ADMINISTRATION**

Venlafaxine Hydrochloride Extended-Release Tablets should be administered in a single dose with food either in the morning or in the evening at approximately the same time each day. Each tablet should be swallowed whole with fluid and not divided, crushed, chewed, or placed in water.

**Major Depressive Disorder**  
 For most patients, the recommended starting dose for Venlafaxine Hydrochloride Extended-Release Tablets is 75 mg/day, administered in a single dose. In the clinical trials establishing the efficacy of venlafaxine hydrochloride extended-release capsules in moderately depressed outpatients, the initial dose of venlafaxine was 75 mg/day.

*See Use in Specific Populations (8.7) and Clinical Pharmacology (12.3)*; it is recommended that the total daily dose be reduced by 25% to 50%.

In patients undergoing hemodialysis, it is recommended that the total daily dose be reduced by 50%. Because there is insufficient data on the efficacy and safety of venlafaxine in patients with renal impairment, individualization of dosage may be desirable in some patients.

Elderly Patients  
 No dose adjustment is recommended for elderly patients solely on the basis of age. As with any drug for the treatment of a major depressive disorder or Social Anxiety Disorder, however, caution should be exercised in treating the elderly. When adjusting the dosage, extra care should be taken when increasing the dose.

**2.4 Discontinuing Venlafaxine Hydrochloride Extended-Release Tablets**

Symptoms associated with discontinuation of venlafaxine hydrochloride extended-release capsules, other SNRIs, and SSRIs have been reported in both adults and pediatric patients. Patients should be monitored for these symptoms when discontinuing treatment. A gradual reduction in the dose rather than abrupt discontinuation is recommended whenever possible. If intolerable symptoms occur following a decrease in the dose or upon discontinuation of treatment, then resuming the previously prescribed dose may be considered. Subsequently, the physician may continue decreasing the dose but at a more gradual rate. In clinical trials with venlafaxine hydrochloride extended-release capsules, tapering of venlafaxine hydrochloride extended-release capsules was gradual over 4 to 6 weeks. Individualization of tapering may be necessary.

**2.5 Switching Patients from Venlafaxine Hydrochloride Immediate-Release Tablets**

Depressed patients who are currently being treated at a therapeutic dose with venlafaxine hydrochloride immediate-release tablets may be switched to Venlafaxine Hydrochloride Extended-Release Tablets at the nearest equivalent dose (mg/day), e.g., 37.5 mg venlafaxine twice a day to 75 mg Venlafaxine Hydrochloride Extended-Release Tablets once daily. However, individual dosage adjustments may be necessary.

**2.6 Switching a Patient To or From a Monoamine Oxidase Inhibitor (MAOI) Intended to Treat Psychiatric Disorders**  
 At least 14 days should elapse between discontinuation of an MAOI intended to treat psychiatric disorders and initiation of therapy with Venlafaxine Hydrochloride Extended-Release Tablets. Conversely, at least 7 days should elapse after stopping Venlafaxine Hydrochloride Extended-Release Tablets before starting an MAOI intended to treat psychiatric disorders *See Contraindications (4.1)*.

**2.7 Use of Venlafaxine Hydrochloride Extended-Release Tablets with Other MAOIs, Such as Linezolid or Methylene Blue**

Do not start Venlafaxine Hydrochloride Extended-Release Tablets in a patient who is being treated with linezolid or intravenous methylene blue because there is increased risk of serotonin syndrome. In a patient who requires more urgent treatment of a psychiatric condition, other interventions, including hospitalization, should be considered *See Contraindications (4.1)*.  
 In some cases, a patient already receiving Venlafaxine Hydrochloride Extended-Release Tablets therapy may require urgent treatment with linezolid or intravenous methylene blue. If acceptable alternatives to linezolid or intravenous methylene blue treatment are not available and the potential benefits of linezolid or intravenous methylene blue treatment are judged to outweigh the risks of serotonin syndrome in a particular patient, Venlafaxine Hydrochloride Extended-Release Tablets should be discontinued and intravenous methylene blue can be administered. The total daily dose of linezolid should be monitored for symptoms of serotonin syndrome for 7 days or until 24 hours after the last dose of linezolid or intravenous methylene blue, whichever comes first. Therapy with Venlafaxine Hydrochloride Extended-Release Tablets may be resumed 24 hours after the last dose of linezolid or intravenous methylene blue *See Warnings and Precautions (5.2)*.  
 The risk of administering methylene blue by non-intravenous routes (such as oral tablets or by local injection) or intravenous doses much lower than 1 mg/kg with Venlafaxine Hydrochloride Extended-Release Tablets is unclear. The clinician should, nevertheless, be aware of the possibility of emergent symptoms of serotonin syndrome with such use *See Warnings and Precautions (5.2)*.

**3. DOSAGE FORMS AND STRENGTHS**

Venlafaxine Hydrochloride Extended-Release Tablets are available as:

- 150 mg tablets (white to off-white mottled round coated tablets imprinted in blue with "150mg" on one side)
- 225 mg tablets (white to off-white mottled round coated tablets imprinted in blue with "225mg" on one side)

**4.1 Monoamine Oxidase Inhibitors (MAOIs)**  
 The use of MAOIs intended to treat psychiatric disorders with Venlafaxine Hydrochloride Extended-Release Tablets or within 7 days of stopping treatment with Venlafaxine Hydrochloride Extended-Release Tablets is contraindicated because of the increased risk of serotonin syndrome. The hydrochloride extended-release Tablets within 14 days of stopping an MAOI intended to treat psychiatric disorders is also contraindicated *See Dosage and Administration (2.6) and Warnings and Precautions (5.2)*.

**5. WARNINGS AND PRECAUTIONS**

**5.1 Clinical Worsening and Suicide Risk**  
 Patients with major depressive disorder (MDD), both adult and pediatric, may experience worsening of their depression after discontinuance of treatment. In addition, patients, including children and adolescents, may experience a worsening of their depression after discontinuance of treatment, or a suicidal ideation, or an unusual change in behavior, whether or not they are taking antidepressant medications, and this risk may persist until significant remission occurs. Suicide is a known risk of depression and certain other psychiatric disorders, and these disorders themselves are the strongest predictors of suicide. There has been a long standing concern, however, that antidepressants may have a role in causing, increasing, or precipitating the emergence of suicidality in certain patients during the early phases of treatment. Pooled analyses of short-term placebo-controlled trials of antidepressant drugs (SSRIs and others) showed that adults groups increase the risk of suicidal thinking and behavior (suicidality) in children, adolescents, and young adults (ages 18-24) with major depressive disorder (MD) and other psychiatric disorders. Short-term studies did not show an increase in the risk of suicidality with antidepressants compared to placebo in adults beyond age 24; there was a reduction with antidepressants compared to placebo in adults aged 65 and older.

The pooled analyses of placebo-controlled trials in children and adolescents with MDD, obsessive compulsive disorder (OCD), or other psychiatric disorders included a total of 24 short-term trials of 9 antidepressant drugs in over 4,400 patients. The pooled analyses of placebo-controlled trials in adults with MDD or other psychiatric disorders included 425 short-term placebo-controlled trials of 11 antidepressant drugs in over 77,000 patients. There was a statistically significant increase in the risk of suicidality among drugs, but a tendency toward an increase in the younger patients for almost all drugs studied. There were differences in absolute risk of suicidality across the different indications, with the highest incidence in MDD. The risk differences (drug vs placebo), however, were relatively stable within age groups and across indications. The overall drug-placebo difference in the number of cases of suicidality per 1,000 patients treated) are provided in Table 1.

Age Range	Number of Cases of Suicidality per 1,000 Patients Treated
<18	14 additional cases
18-24	5 additional cases
>24	2 fewer cases
≥65	6 fewer cases

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\*Sections or subsections omitted from the full prescribing information are not listed.

For some patients, it may be desirable to start at 37.5 mg/day for 4 to 7 days, to allow new patients to adjust to the medication before increasing to 75 mg/day. While the relationship between dose and antidepressant response for venlafaxine hydrochloride extended-release capsules has not been adequately explored, patients not responding to the initial 75 mg/day dose may benefit from dose increases to a maximum of approximately 225 mg/day. Dose increases should be made at intervals of at least 4 to 7 days, when needed, and should be made at intervals of not less than 4 days, since steady state plasma levels of venlafaxine and its major metabolites are achieved in most patients by day 4. In the clinical trials establishing efficacy, upward titration was permitted at intervals of 2 weeks or more; the average doses were about 140 to 180 mg/day *See Clinical Studies (14)*.  
 It should be noted that, while the maximum recommended dose for moderately depressed outpatients is also 225 mg/day for venlafaxine hydrochloride immediate-release tablets, more severely depressed inpatients in one study of the development program for that product responded to a mean dose of 350 mg/day (range of 150 to 375 mg/day). Whether or not higher doses of Venlafaxine Hydrochloride Extended-Release Tablets are needed for more severely depressed patients is unknown; however, the experience in these patients with venlafaxine hydrochloride extended-release capsule doses higher than 225 mg/day is very limited *See Warnings and Precautions (5.17)*.  
**2.2 Maintenance Treatment**  
 There is no body of evidence available from controlled trials to indicate how long patients with major depressive disorder should be treated with Venlafaxine Hydrochloride Extended-Release Tablets.  
 It is generally agreed that acute episodes of major depressive disorder require several months or longer of sustained pharmacologic treatment beyond the initial acute episode. In one study in which patients responding during the 8 weeks of acute treatment with venlafaxine hydrochloride extended-release capsules were assigned randomly to placebo or to the same dose of venlafaxine hydrochloride extended-release capsules (75, 150, or 225 mg/day, qAM) during 26 weeks of maintenance treatment as they had received during the acute stabilization phase, longer-term efficacy was demonstrated. A second longer-term study has demonstrated the efficacy of venlafaxine hydrochloride immediate-release tablets in maintaining a response in patients with recurrent major depressive disorder who had responded and continued to be improved during an initial 26 weeks of treatment and were then randomly assigned to placebo or venlafaxine hydrochloride immediate-release tablets for periods of up to 52 weeks on the same dose (100 mg/day) as in the initial acute episode (14). Based on these limited data, the physician should monitor patients for relapse, but not the dose of Venlafaxine Hydrochloride Extended-Release Tablets 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.

**2.3 Special Populations**  
**Treatment of Pregnant Women during the Third Trimester**  
 Neonates exposed to venlafaxine hydrochloride extended-release capsules, other SNRIs, or SSRIs late in the third trimester have developed complications requiring prolonged hospitalization, respiratory support, and tube feeding *See Use in Specific Populations (8.1)*. When treating pregnant women with Venlafaxine Hydrochloride Extended-Release Tablets, the benefits and risks to the fetus and the patient should be weighed against the potential risks and benefits of treatment. Patients with Hepatic Impairment  
 Given the decrease in clearance and increase in elimination half-life for both venlafaxine and O-desmethylvenlafaxine (ODV) that is observed in patients with hepatic cirrhosis and mild to moderate hepatic impairment compared with healthy subjects *See Use in Specific Populations (8.6)*, it is recommended that the total daily dose be reduced by 50% in patients with mild to moderate hepatic impairment. Since there was much individual variability in clearance between patients with cirrhosis, it may be necessary to reduce the dose even though not 50%, and individualization of dosing may be desirable in some patients.  
**Patients with Renal Impairment**  
 There was no clear decrease in clearance for venlafaxine and increase in elimination half-life for both venlafaxine and ODV that is observed in patients with renal impairment (GFR = 10 to 70 mL/min) compared with normal subjects but discontinued immediately if the above events occur and supportive symptomatic treatment should be initiated.

**5.3 Sustained Hypertension**

Venlafaxine hydrochloride extended-release capsule treatment is associated with sustained hypertension (defined as treatment-emergent supine diastolic blood pressure (SDBP) ≥90 mm Hg and ≥10 mm Hg above baseline for 3 or more consecutive on-therapy visits *See Table 2*).  
 An analysis for patients in venlafaxine hydrochloride immediate-release tablet studies meeting criteria for sustained hypertension revealed a dose-dependent increase in the incidence of sustained hypertension for immediate-release venlafaxine hydrochloride *See Table 3*.  
 An insufficient number of patients met the mean doses of venlafaxine hydrochloride extended-release capsules over 300 mg/day to fully evaluate the incidence of sustained increases in blood pressure at these higher doses.

**Table 2: Number (%) of Sustained Elevations in SDBP in Venlafaxine Hydrochloride Extended-Release Capsule Premarketing Studies by Indication**

Major Depressive Disorder (75-375 mg/day)	Other Clinical Trials (75-225 mg/day)
19/705 (3)	5/771 (0.6)

**Table 3: Incidence (%) of Sustained Elevations in SDBP in Venlafaxine Hydrochloride Immediate-Release Tablet Studies**

Venlafaxine mg/day	Incidence
<100	3%
>100 to <200	3%
>200 to <300	7%
>300	13%

In premarketing major depressive disorder studies, 0.7% (5/705) of the venlafaxine hydrochloride extended-release capsule-treated patients discontinued treatment because of elevated blood pressure. Among these patients, most of 0.9% of patients in the placebo group. Similarly, 1% of patients (1/75) in the MAOI group discontinued because of the venlafaxine hydrochloride extended-release capsule-treated patients discontinued treatment because of elevated blood pressure. In these patients, the blood pressure increases were modest (1 to 24 mm Hg, SDBP). Sustained increases of SDBP could have adverse consequences. Cases of elevated blood pressure requiring immediate treatment with antihypertensive agents have occurred in patients receiving venlafaxine hydrochloride immediate-release tablets with venlafaxine. It is recommended that patients receiving venlafaxine hydrochloride extended-release tablets have regular monitoring of blood pressure. For patients who experience a sustained increase in blood pressure while receiving venlafaxine, either dose reduction or discontinuation should be considered.

**Elevations in Systolic and Diastolic Blood Pressure**

In placebo-controlled premarketing studies, there were changes in mean blood pressure *See Table 4* for mean change in supine systolic and supine diastolic blood pressure). Across most indications, a dose-related increase in supine systolic and diastolic blood pressure was evident in venlafaxine hydrochloride extended-release capsule-treated patients.  
**Table 4: Final On-Therapy Mean Changes from Baseline in Supine Systolic and Diastolic Blood Pressure (mm Hg) Results by Indication, Study Duration, and Dose in Placebo-Controlled Trials**

	Venlafaxine Hydrochloride Extended-Release Capsules mg/day	Placebo
	≤75 SSBP <sup>1</sup> SDBP <sup>2</sup>	>75 SSBP SDBP SSBP SDBP
Major Depressive Disorder 8-12 weeks	-0.28 0.37	2.93 3.56 -1.08 -0.10
Other Clinical Trials 12 weeks	-0.29 -1.26	1.18 1.34 -1.96 -1.22

<sup>1</sup> Supine Systolic Blood Pressure  
<sup>2</sup> Supine Diastolic Blood Pressure

Across all clinical trials, 1.4% of patients in the venlafaxine hydrochloride extended-release capsule-treated groups experienced a ≥15 mm Hg increase in supine diastolic blood pressure with blood pressure ≥105 mm Hg compared to 0.9% of patients in the placebo group. Similarly, 1% of patients in the MAOI group experienced a ≥15 mm Hg increase in supine diastolic blood pressure compared to 0.3% of patients in the placebo groups.

**5.4 Angle Closure Glaucoma**  
 Angle closure glaucoma, a pupillary dilation that occurs following use of many antidepressant drugs including Venlafaxine Hydrochloride Extended-Release Tablets, may be induced by the venlafaxine hydrochloride extended-release capsule-treated patients who have a patent iridotomy.

**5.5 Discontinuation of Treatment with Venlafaxine Hydrochloride Extended-Release Tablets**  
 Discontinuation symptoms have been systematically evaluated in patients taking venlafaxine, to include prospective analysis of clinical trials and retrospective analyses of clinical trials. Discontinuation symptoms were more frequent with venlafaxine hydrochloride extended-release capsules than with placebo. Abrupt discontinuation or dose reduction of venlafaxine at various doses has been found to be associated with the appearance of new symptoms, the frequency of which increased with increased dose level and with longer duration of treatment. Reported symptoms include agitation, anxiety, confusion, impaired coordination and balance, diarrhea, dizziness, dry mouth, dysphoric mood, fatigue, nervousness, insomnia, nausea, vomiting, tremor, vertigo, and vomiting. During marketing of venlafaxine hydrochloride extended-release capsules, other SNRIs (Serotonin and Norepinephrine Reuptake Inhibitors), and SSRIs (Selective Serotonin Reuptake Inhibitors), there have been spontaneous reports of adverse reactions occurring in patients and no change in incidence or severity of adverse reactions, including the following: dysphoric mood, irritability, agitation, dizziness, sensory disturbances (e.g., paraesthesia such as electric shock sensations), anxiety, confusion, headache, lethargy, emotional lability, insomnia, hyponatremia, tinnitus, and seizures. While these reactions are generally self-limiting, there have been reports of serious discontinuation symptoms. Patients should be monitored for these symptoms when discontinuing treatment with Venlafaxine Hydrochloride Extended-Release Tablets. A gradual reduction in the dose rather than abrupt cessation is recommended whenever possible. If intolerable symptoms occur following a decrease in the dose or upon discontinuation of treatment, then resuming the previously prescribed dose may be considered. Subsequently, the physician may continue decreasing the dose but at a more gradual rate *See Dosage and Administration (2.4)*.

**5.6 Adverse Reactions**  
 Treatment-emergent insomnia and nervousness were more commonly reported for patients treated with venlafaxine hydrochloride extended-release capsules than with placebo in pooled analyses of short-term major depressive disorder and other clinical studies, as shown in Table 5.

**Table 5: Incidence of Insomnia and Nervousness in Placebo-Controlled Major Depressive Disorder and Other Trials**

	Major Depressive Disorder	Placebo	Other Trials
	Venlafaxine Hydrochloride Extended-Release Capsules	Placebo	Venlafaxine Hydrochloride Extended-Release Capsules Placebo
Insomnia	n = 357	n = 285	n = 819
Symptom	11%	11%	8%
Nervousness	10%	5%	10%

Insomnia and nervousness each led to drug discontinuation in 0.9% of the patients treated with venlafaxine hydrochloride extended-release capsules in major depressive disorder studies.  
 In other clinical trials, insomnia and nervousness led to drug discontinuation in 2% and 1%, respectively, of the patients treated with venlafaxine hydrochloride extended-release capsules up to 12 weeks.  
**5.7 Changes in Weight**  
 In adults, patients receiving 5% or more of body weight were observed in 7% of patients treated with venlafaxine hydrochloride extended-release capsules and 2% of placebo-treated patients in the short-term placebo-controlled major depressive disorder trials. The discontinuation rate for weight loss associated with venlafaxine hydrochloride extended-release capsules was 0.1% in major depressive disorder studies. In other placebo-controlled trials, 4% of the patients treated with venlafaxine hydrochloride extended-release capsules and 3% of placebo-treated patients had a weight loss of at least 3.5% in the study (46% of patients receiving 150 mg/day and 43% of patients receiving 225 mg/day) or more of body weight during up to 6 months of treatment. None of the patients receiving venlafaxine hydrochloride extended-release capsules in other studies discontinued for weight loss.

The safety and efficacy of venlafaxine therapy in combination with weight loss agents, including phentermine, have not been established. Co-administration of Venlafaxine Hydrochloride Extended-Release Tablets and weight loss agents is not recommended. Venlafaxine Hydrochloride Extended-Release Tablets are not indicated for weight loss or in combination with other products.  
 Pediatric Patients: Weight loss has been observed in pediatric patients (ages 6-17) receiving venlafaxine hydrochloride extended-release capsules. In a pooled analysis of four eight-week, double-blind, placebo-controlled, flexible dose outpatient trials for major depressive disorder (MDD) and another double-blind, placebo-controlled study in which patients received venlafaxine hydrochloride extended-release capsules lost an average of 0.45 kg (n=333), while placebo-treated patients gained an average of 0.77 kg (n=333). More patients treated with venlafaxine hydrochloride extended-release capsules than with placebo experienced a weight loss of at least 3.5% in the studies (18% of patients treated with venlafaxine hydrochloride extended-release capsules versus 12% of placebo-treated patients). The difference in weight between the weight loss group and the placebo group was larger for children (<12 years old) than for adolescents (≥12 years old).  
**5.8 Changes in Height**  
 In children and adolescents, there were changes in height in patients treated with venlafaxine hydrochloride extended-release capsules-treated patients (ages 6-17) who received an average of 0.33 cm (n=122), while placebo-treated patients gained an average of 1.0 cm (n=132); p<0.041. This difference in height increase was most notable in patients younger than twelve. During the eight-week placebo-controlled MDD studies, venlafaxine hydrochloride extended-release capsule-treated patients gained an average of 0.45 kg (n=149), while placebo-treated patients gained an average of 0.77 kg (n=147). During a 16-week, placebo-controlled non-M



