

HIGHLIGHTS OF PRESCRIBING INFORMATION

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

Venlafaxine Extended-Release Tablets (venlafaxine hydrochloride) for Oral Use

Initial U.S. Approval: 1993

WARNING: Suicidality and Antidepressants 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 extended-release tablets are not approved for use in pediatric patients. (5.1)	
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RECENT MAJOR CHANGES

Warnings and Precautions (5.18)	8/2021
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INDICATIONS AND USAGE

Venlafaxine extended-release tablets are a selective serotonin and norepinephrine reuptake inhibitor (SNRI) indicated for:

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

DOSEAGE AND ADMINISTRATION

- Initial Treatment (2.1)

Indication	Starting Dose	Dose Increase	Maximum Dose
Major Depressive Disorder	75 mg/day (in some patients, 37.5 mg/day for 4-7 days)	75 mg/day increments at intervals of 4 days or longer	225 mg/day
Social Anxiety Disorder	75 mg/day	No benefit at higher doses	75 mg/day

- Venlafaxine 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)

DOSEAGE FORMS AND STRENGTHS

- 37.5 mg, 75 mg, 150 mg, and 225 mg tablets (3)

CONTRAINDICATIONS

- Serotonin Syndrome and MAOIs: Do not use MAOIs intended to treat psychiatric disorders with venlafaxine extended-release tablets or within 7 days of stopping treatment with venlafaxine extended-release tablets. Do not use venlafaxine extended-release tablets within 14 days of stopping an MAOI intended to treat psychiatric disorders. In addition, do not start venlafaxine extended-release tablets in a patient who is being treated with inhaled or intravenous methylene blue (4.1).

WARNINGS AND PRECAUTIONS

- Serotonin Syndrome: Serotonin syndrome has been reported with SSRIs and SNRIs, including venlafaxine extended-release tablets, both when taken alone, but especially when co-administered with other serotonergic agents (including triptans, tricyclic antidepressants, fentanyl, lithium, tramadol, tryptophan, buspirone, amphetamines, and St. John's Wort). If such symptoms occur, discontinue venlafaxine extended-release tablets and initiate supportive treatment. If concomitant use of venlafaxine 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)
- Suicidality: Monitor for clinical worsening and suicide risk. (5.1)
- Sustained hypertension may occur. Blood pressure monitoring recommended. (5.3)

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JOB SPECIFICATION FORM

Job #:

Customer Name:

Customer Rep:

Date Submitted:

JOB INFO

Job Name:

Type: New Design ()

Reprint ()

File Name:

JOB TYPE: () Insert

() Med Guide

() Patient Guide

Rev:

Proof #:

Grain direction:

Manufacture by:

Manufacture for:

Fold Type:

Flat Size:

Final Folded size:

Finishing For Padding:

Customer Item #:

Barcode Reader:



Paper Stock:

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APPROVED: OK to Print () DATE:

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Width: 17.0"
Length: 22.0"
Fold: 1.375" x 1.375"

HIGHLIGHTS OF PRESCRIBING INFORMATION

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

Venlafaxine Extended-Release Tablets (venlafaxine hydrochloride) for Oral Use

Initial U.S. Approval: 1993

WARNING: Suicidality and Antidepressants

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 extended-release tablets are not approved for use in pediatric patients. (5.1)

RECENT MAJOR CHANGES

Warnings and Precautions (5.18)

INDICATIONS AND USAGE

Venlafaxine extended-release tablets are a selective serotonin and norepinephrine reuptake inhibitor (SNRI) indicated for:

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

DOSEAGE 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 4-7 days)	75 mg/day increments at intervals of 4 days or longer	225 mg/day
Social Anxiety Disorder	75 mg/day	No benefit at higher doses	75 mg/day

- Venlafaxine 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)

DOSEAGE FORMS AND STRENGTHS

- 37.5 mg, 75 mg, 150 mg, and 225 mg tablets (3)

CONTRAINDICATIONS

Serotonin Syndrome and MAOIs: Do not use MAOI's intended to treat psychiatric disorders with venlafaxine extended-release tablets or within 7 days of stopping treatment with venlafaxine extended-release tablets. If concomitant use of venlafaxine extended-release tablets within 14 days of stopping an MAOI intended to treat psychiatric disorders. In addition, do not start venlafaxine extended-release tablets in a patient who is being treated with linezolid or intravenous methylene blue (4.1).

- Serotonin Syndrome: Serotonin syndrome has been reported with SSRIs and SNRIs, including venlafaxine extended-release tablets, both when taken alone, but especially when co-administered with other serotonergic agents (including triptans, tricyclic antidepressants, fentanyl, lithium, tramadol, tryptophan, buspirone, amphetamines, and St. John's Wort). If such symptoms occur, discontinue venlafaxine extended-release tablets and initiate supportive treatment. If concomitant use of venlafaxine 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)
- Suicidality: Monitor for clinical worsening and suicide risk. (5.1)
- Sustained hypertension may occur. Blood pressure monitoring recommended. (5.3)

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- 1.2 Social Anxiety Disorder

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FULL PRESCRIBING INFORMATION

WARNING: SUICIDALITY AND ANTIDEPRESSANT DRUGS

Antidepressants increased 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 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 aged 65 and older. Depression and certain other psychiatric disorders are themselves associated with increases in the risk of suicide. Patients of all ages who are started on an 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 health providers. Venlafaxine extended-release tablets are not approved for use 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 extended-release tablets are indicated for the treatment of major depressive disorder (MDD). Efficacy of venlafaxine in MDD was demonstrated in both short-term and long-term studies. In a short-term study (Table 1), a major depressive episode (DSM-IV) is a prominent and relatively persistent (nearly every day for at least 2 weeks) depressed mood or the loss of interest or pleasure in nearly 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 (or appetite), insomnia or hypersomnia, psychomotor agitation or retardation, increased fatigue, feelings of guilt or worthlessness, slowed thinking or impaired concentration, a suicide attempt or suicidal ideation.

1.2 Social Anxiety Disorder

Venlafaxine 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 or distress. The avoidance, anxious anticipation, or distress in the feared situations (interferes significantly with the person's normal routine, occupational or academic functioning, or social activities or relationships, or there is a 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 (14-18)].

2 DOSEAGE AND ADMINISTRATION

Venlafaxine 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.

2.1 Initial Treatment

Major Depressive Disorder

For most patients, the recommended starting dose for venlafaxine 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. 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 dose may benefit from a gradual increase in dose. Dose increases should be made at intervals of at least 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 transition was permitted at intervals of 2 weeks or more; the average doses were about 140 to 160 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). When not or higher doses of venlafaxine extended-release tablets were used, patients who were severely depressed patients is unknown; however, the experience with venlafaxine hydrochloride extended-release tablets suggests that higher than 225 mg/day is very limited. [See Warnings and Precautions (5.7)]

Social Anxiety Disorder (Social Phobia)

The recommended dose is 75 mg/day, administered in a single dose, with no evidence that higher doses confer any additional benefit. [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 extended-release tablets. A generally agreed, acute episodes of major depressive disorder require several months or longer of sustained pharmacological therapy beyond response to the acute episode. In one study, in which patients responding during 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 to 200 mg/day, on a b.i.d. schedule) [see Clinical Studies (14)]. Based on these limited data, it is not known whether or not the dose of venlafaxine 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 experienced complications requiring prolonged hospitalization, respiratory support, and tube feeding [see Use in Specific Populations (8.6) and Clinical Pharmacology (12.3)]. It is recommended that the total daily dose be reduced by 50% in patients with mild to moderate hepatic impairment. Since there is some individual variability in clearance between patients with cirrhosis, it may be necessary to reduce the dose even more than 50%, and individualization of dosing may be desirable in some patients.

Patients with Renal Impairment

Given the decrease in clearance and increase in elimination half-life for both venlafaxine and ODV that is observed in patients with hepatic cirrhosis and mild and moderate hepatic impairment compared with normal subjects [see Use in Specific Populations (8.6) and Clinical Pharmacology (12.3)], it is recommended that the total daily dose be reduced by 50% in patients with mild to moderate hepatic impairment. Since there is some individual variability in clearance between patients with cirrhosis, it may be necessary to reduce the dose even more than 50%, and individualization of dosing may be desirable in some patients.

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

2.4 Discontinuing Venlafaxine Extended-Release Tablets

Symptoms associated with discontinuation of venlafaxine hydrochloride extended-release capsules, other SNRIs, and SSRIs

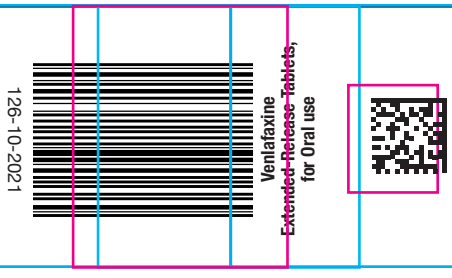
7.125"

.625"

.625"

17.0" W

9.75"



1.375"H x 1.375"W

- Angle Closure Glaucoma: Angle closure glaucoma has occurred in patients with untreated anatomically narrow angles treated with antidepressants. (5.4)
- Abrupt discontinuation or dose reduction: Discontinuation symptoms may occur (generally self-limiting; serious symptoms possible). Dose reduction recommended to be gradual. (5.5)
- Activation of Mania/Hypomania: Mania/hypomania has occurred. (5.10)
- Symptomatic hypomania may occur. (5.11)
- Seizures have been reported. Use with caution in patients with seizure history. (5.12)
- Abnormal bleeding (most commonly ecchymosis) has occurred. (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 extended-release tablets may cause symptoms of sexual dysfunction. (5.18)

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. 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 asthenia, gastrointestinal complaints (anorexia, dry mouth, nausea), CNS complaints (anxiety, insomnia, libido decreased, nervousness, somnolence, dizziness), abnormalities of sexual function (abnormal ejaculation, organic dysfunction, impotence), yeast, sweating, and abnormal vision.

To report SUSPECTED ADVERSE REACTIONS, contact Camber Pharmaceuticals, Inc. at 1-866-495-8330 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

- MAOI: Concomitant use contraindicated (4.1). Avoid MAOI's 14 days before starting venlafaxine and 7 days after stopping venlafaxine (5.2).
- 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_{max} . (7.4)
- Linezolid: Increase in venlafaxine and O-desmethylvenlafaxine AUC and C_{max} . Caution when using venlafaxine with substances that inhibit both CYP2D6 and CYP3A4. (7.6)
- 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 assessment advised. (7.10)
- Tryptophan supplements: Concomitant use not recommended. (7.10)

USE IN SPECIFIC POPULATIONS

- 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. (5.3, 8.1)
- Nursing: Potential for serious 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: Reduction of total daily dose by 50% recommended in patients with mild to moderate impairment. In patients with cirrhosis, further reduction may be necessary and dosing individualization may be desirable. (2.3, 8.6)
- Renal impairment: Reduction of total daily dose by 50% recommended. Dosing individualization may be necessary. (2.3, 8.7)
- Hemodialysis: Reduction of total daily dose by 50%. (2.3, 8.7)

See 17 for PATIENT COUNSELING INFORMATION and FDA-approved Medication Guide.

Revised: 10/21

7.8 Drugs Metabolized by Cytochrome P450 Isoenzymes

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

have been reported [see Warnings and Precautions (5.5)]. Patients should be monitored for these symptoms when discontinuing treatment. 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. In clinical trials with venlafaxine hydrochloride extended-release capsules, tapering was achieved by reducing the daily dose by 75 mg at 1 week.

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 extended-release tablets at the nearest equivalent dose (mg/day), e.g., 37.5 mg venlafaxine 225 mg immediate-release tablets may be switched to 225 mg venlafaxine extended-release tablets.

2.6 Switching a Patient To or From a Monamine 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 extended-release tablets. Conversely, at least 7 days should be allowed after stopping venlafaxine extended-release tablets before starting an MAOI intended to treat psychiatric disorders [see Contraindications (4.1)].

2.7 Use of Venlafaxine Extended-Release Tablets with Other MAOIs, Such as Linezolid or Methylene Blue Do not start venlafaxine 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 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 or the potential risks of administering methylene blue by non-intravenous routes (such as oral tablets or by local injection) or intravenous doses much more than 1 mg/kg with venlafaxine 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 DOSEAGE FORMS AND STRENGTHS

- Venlafaxine extended-release tablets are available as:
 - 37.5 mg tablets (White to off white, film coated, round biconvex tablets printed with "392" in black ink)
 - 75 mg tablets (White to off white, film coated, round biconvex tablets printed with "393" in black ink)
 - 150 mg tablets (White to off white, film coated, round biconvex tablets printed with "394" in black ink)
 - 225 mg tablets (White to off white, film coated, round biconvex tablets printed with "395" in black ink)

4 CONTRAINDICATIONS

4.1 Monamine Oxidase Inhibitors (MAOIs)

The use of MAOI's intended to treat psychiatric disorders with venlafaxine extended-release tablets or within 7 days of stopping treatment with venlafaxine extended-release tablets is contraindicated because of an increased risk of serotonin syndrome. The use of venlafaxine 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)]. Starting venlafaxine extended-release tablets in a patient who is being treated with MAOIs such as linezolid or intravenous methylene blue is also contraindicated because of an increased risk of serotonin syndrome [See Dosage and Administration (2.7) 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 and/or the emergence of suicidal ideation and behavior (suicidality) or unusual changes 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 inducing worsening of depression and/or 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 these drugs increase the risk of suicidal thinking and behavior (suicidality) in children, adolescents, and young adults (ages 18-24) with major depressive disorder (MDD) 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 3 antidepressant drugs in over 4400 patients. The pooled analyses of placebo-controlled trials in adults with MDD or other psychiatric disorders included a total of 295 short-term trials (median duration of 2 months) of 11 antidepressant drugs in over 77,000 patients.

There was considerable variation in 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 strata and across indications. These risk differences (drug-placebo difference in the number of cases of suicidality per 1000 patients treated) are provided in Table 1.

Age Range	Drug-Placebo Difference in Number of Cases of Suicidality per 1000 Patients Treated
	Increases Compared to Placebo
<18	14 additional cases
18-24	5 additional cases
	Decreases Compared to Placebo
25-64	1 fewer case
>65	6 fewer cases

No suicides occurred in any of the pediatric trials. There were suicides in the adult trials, but the number was not sufficient to reach any conclusion about drug effect on suicide.

It is unknown whether the suicidality risk extends to longer-term use, i.e., beyond several months. However, there is substantial evidence from placebo-controlled maintenance trials in adults with depression that the use of antidepressants can delay the recurrence of depression.

All patients being treated with antidepressants for any indication should be monitored appropriately and observed closely during the initial few months of treatment and periodically thereafter. No clinical or statistical evidence was observed during the initial few months of a course of drug therapy, or at times of dose changes, either increases or decreases.

The following symptoms, anxiety, agitation, panic attacks, insomnia, irritability, hostility, aggressiveness, impulsivity, akathisia (psychomotor restlessness), hypomania, and mania, have been reported in adult and pediatric patients being treated with antidepressants for major depressive disorder as well as for other indications, both psychiatric and nonpsychiatric. Although a causal link between the emergence of such symptoms and either the worsening of depression and/or the emergence of suicidal impulses has not been established, there is concern that such symptoms may represent precursors to emerging suicidality. Consideration should be given to changing the therapeutic regimen, including possibly discontinuing the medication, in patients whose depression is persistently worse, or who are experiencing emergent suicidality or symptoms that might be precursors to worsening depression or suicidality, especially if these symptoms are severe, abrupt in onset, or were not part of the patient's presenting symptoms.

If the decision has been made to discontinue treatment, medication should be tapered, as rapidly as is feasible, but with recognition that abrupt discontinuation can be associated with certain symptoms [see Dosage and Administration (2.5) and Warnings and Precautions (5.5)].

Families and caregivers of patients being treated with antidepressants for major depressive disorder or other indications, both psychiatric and nonpsychiatric, should be alerted about the need to monitor patients for the emergence of agitation,

irritability, unusual changes in behavior, and the other symptoms described above, as well as the emergence of suicidality, and to report such symptoms immediately to health care providers. Such monitoring should include daily observation by families and caregivers.

Prescriptions for venlafaxine extended-release tablets should be written for the smallest quantity of tablets consistent with good patient management, in order to reduce the risk of overdose.

A major depressive episode may be the initial presentation of bipolar disorder. It is generally believed (though not established in controlled trials) that treating such an episode with an antidepressant alone may increase the likelihood of precipitation of a mixed/manic episode in patients at risk for bipolar disorder. Whether any of the symptoms described above represent such a conversion is unknown. However, prior to initiating treatment with an antidepressant, patients with depressive symptoms should be adequately screened to determine if they are at risk for bipolar disorder; such screening should include a detailed psychiatric history (including a family history of suicide, bipolar disorder, and depression). It should be noted that venlafaxine extended-release tablets are not approved for use in treating bipolar depression.

5.2 Serotonin Syndrome

The development of a potentially life-threatening serotonin syndrome has been reported with SNRIs and SSRIs, including venlafaxine extended-release tablets, alone but particularly with concomitant use of other serotonergic drugs (including triptans, tricyclic antidepressants, fentanyl, lithium, tramadol, tryptophan, buspirone, amphetamines, and St. John's Wort), and with drugs that impair metabolism of serotonin (in particular, MAOIs, both those intended to treat psychiatric disorders and also others, such as linezolid and intravenous methylene blue).

Serotonin syndrome symptoms may include mental status changes (e.g., agitation, hallucinations, delirium, and coma), autonomic instability (e.g., tachycardia, labile blood pressure, dizziness, diaphoresis, flushing, hyperthermia), neuromuscular symptoms (e.g., tremor, rigidity, myoclonus, hyperreflexia, incoordination), seizures, and/or gastrointestinal symptoms (e.g., nausea, vomiting, diarrhea). Patients should be monitored for the emergence of serotonin syndrome.

The concomitant use of venlafaxine extended-release tablets with MAOIs intended to treat psychiatric disorders is contraindicated. Venlafaxine extended-release tablets should also not be started in a patient who is being treated with MAOIs such as linezolid or intravenous methylene blue. All reports with methylene blue that provided information on the route of administration involved intravenous administration in the dose range of 1 mg/kg to 8 mg/kg. No reports involved the administration of methylene blue by other routes (such as oral tablets or local tissue injection) or at lower doses.

There may be circumstances when it is necessary to initiate treatment with a MAOI such as linezolid or intravenous methylene blue in a patient taking venlafaxine extended-release tablets. Venlafaxine extended-release tablets should be discontinued before being started on linezolid or intravenous methylene blue [see Contraindications (4.1) and Dosage and Administration (2.6) and (2.7)].

If concomitant use of venlafaxine extended-release tablets with other serotonergic drugs including triptans, tricyclic antidepressants, fentanyl, lithium, tramadol, buspirone, tryptophan, amphetamines, and St. John's Wort is clinically warranted, patients should be aware of a potential increased risk for serotonin syndrome, particularly during treatment initiation and dose increases.

Treatment with venlafaxine extended-release tablets and any concomitant serotonergic agents should be discontinued immediately if the above signs and symptoms of severe symptomatic treatment should be initiated.

5.3 Sustained Hypertension

Venlafaxine hydrochloride extended-release capsule treatment is associated with sustained hypertension (defined as treatment-emergent systolic diastolic blood pressure (SDBP) >90 mm Hg and >110 mm Hg above baseline for 3 consecutive on-treatment visits) in some patients.

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 received mean doses of venlafaxine hydrochloride extended-release capsules over 300 mg/day fully evaluate the incidence of sustained increases in blood pressure in patients 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	5%
>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 the blood pressure increases were in a modest range (12 to 16 mm Hg, SDBP). In other clinical studies, 0.6% (5/771) 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 (in the range of 1 to 24 mm Hg, SDBP).

Sustained increases of SDBP could have adverse consequences. Cases of elevated blood pressure requiring medical intervention have been reported in post marketing experience.