

- SSRIs
- SNRIs
- antipsychotic drugs
- Medicines used to treat pain such as:
 - tramadol
- Medicines used to thin your blood such as:
 - warfarin
- Medicines used to treat heartburn such as:
 - Cimetidine
- Over-the-counter medicines or supplements such as:
 - Aspirin or other NSAIDs
 - Tryptophan
 - St. John's Wort
- have heart problems
- have diabetes
- have liver problems
- have kidney problems
- have thyroid problems
- have glaucoma
- have or had seizures or convulsions
- have bipolar disorder or mania
- have low sodium levels in your blood
- have high blood pressure
- have high cholesterol
- have or had bleeding problems

- are pregnant or plan to become pregnant. It is not known if **venlafaxine tablets** will harm your unborn baby. Talk to your healthcare provider about the benefits and risks of treating depression during pregnancy
- are breast-feeding or plan to breast-feed. Some **venlafaxine hydrochloride** may pass into your breast milk. Talk to your healthcare provider about the best way to feed your baby while taking **venlafaxine tablets**.

Tell your healthcare provider about all the medicines that you take, including prescription and non-prescription medicines, vitamins, and herbal supplements. **Venlafaxine tablets** and some medicines may interact with each other, may not work as well, or may cause serious side effects.

Your healthcare provider or pharmacist can tell you if it is safe to take **venlafaxine tablets** with your other medicines. Do not start or stop any medicine while taking **venlafaxine tablets** without talking to your healthcare provider first.

If you take **venlafaxine tablets**, you should not take any other medicines that contain (venlafaxine) including: venlafaxine HCl.

How should I take venlafaxine tablets?

- Take **venlafaxine tablets** exactly as prescribed. Your healthcare provider may need to change the dose of **venlafaxine tablets** until it is the right dose for you.

- Venlafaxine tablets** are to be taken with food.
- If you miss a dose of **venlafaxine tablets**, take the missed dose as soon as you remember. If it is almost time for the next dose, skip the missed dose and take your next dose at the regular time. Do not take two doses of **venlafaxine tablets** at the same time.

- If you take too much **venlafaxine tablets**, call your healthcare provider or poison control center right away, or get emergency treatment.
- When switching from another antidepressant to **venlafaxine tablets** your doctor may want to lower the dose of the initial antidepressant first to avoid side effects

What should I avoid while taking venlafaxine tablets?

Venlafaxine tablets can cause sleepiness or may affect your ability to make decisions, think clearly, or react quickly. You should not drive, operate heavy machinery, or do other dangerous activities until you know how **venlafaxine tablets** affect you. Do not drink alcohol while using **venlafaxine tablets**.

What are the possible side effects of venlafaxine tablets? Venlafaxine tablets may cause serious side effects, including:

- See “What is the most important information I should know about **venlafaxine tablets**?”
- Increased cholesterol- have your cholesterol checked regularly
- Newborns whose mothers take **venlafaxine tablets** in the third trimester may have problems right after birth including:

- problems feeding and breathing
- seizures
- shaking, jitteriness or constant crying
- Narrow-angle glaucoma/enlarged pupils. Check eye pressure regularly if you:
- have a history of increased eye pressure
- are at risk for certain types of glaucoma

Common possible side effects in people who take **venlafaxine tablets** include:

- unusual dreams
- sexual problems
- loss of appetite, constipation, diarrhea, nausea or vomiting, or dry mouth
- feeling tired, fatigued or overly sleepy
- change in sleep habits, problems sleeping
- yawning
- tremor or shaking
- dizziness, blurred vision
- sweating
- feeling anxious, nervous or jittery
- headache
- increase in heart rate

Tell your healthcare provider if you have any side effect that bothers you or that does not go away. These are not all the possible side effects of **venlafaxine tablets**. For more information, ask your healthcare provider or pharmacist.

CALL YOUR DOCTOR FOR MEDICAL ADVICE ABOUT SIDE EFFECTS. YOU MAY REPORT SIDE EFFECTS TO THE FDA AT 1-800-FDA-1088.

How should I store venlafaxine tablets?

- Store **venlafaxine tablets** at room temperature between 68°F and 77°F (20°C to 25°C).
- Keep **venlafaxine tablets** in a dry place.

Keep venlafaxine tablets and all medicines out of the reach of children.

General information about **venlafaxine tablets** Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. Do not use **venlafaxine tablets** for a condition for which they were not prescribed. Do not give **venlafaxine tablets** to other people, even if they have the same condition. They may harm them.

This Medication Guide summarizes the most important information about **venlafaxine tablets**. If you would like more information, talk with your healthcare provider. You may ask your healthcare provider or pharmacist for information about **venlafaxine tablets** that is written for healthcare professionals.

For more information about **venlafaxine tablets** call 1-888-838-2872.

What are the ingredients in venlafaxine tablets?

Active ingredient: venlafaxine hydrochloride.

Inactive ingredients: colloidal silicon dioxide, ferric oxide yellow, ferric oxide red, lactose monohydrate, magnesium stearate, and sodium starch glycolate

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This Medication Guide has been approved by the U.S. Food and Drug Administration for all antidepressants.

Manufactured In Czech Republic By:

Teva Czech Industries, s.r.o.
Opava-Komarov, Czech Republic

Manufactured For:
Teva Pharmaceuticals USA, Inc.
North Wales, PA 19454

Rev. D 2/2019

Impairment of Fertility

Reproduction and fertility studies of venlafaxine in rats showed no adverse effects on male or female fertility at oral doses of up to 2 times the maximum recommended human dose of 225 mg/day on a mg/kg basis.

However, reduced fertility was observed in a study in which male and female rats were treated with 0-desmethylvenlafaxine (ODV), the major human metabolite of venlafaxine, prior to and during mating and gestation. This occurred at an ODV exposure (AUC) approximately 2 to 3 times that associated with a human venlafaxine dose of 225 mg/day.

Pregnancy

Teratogenic Effects

Pregnancy Category C

Venlafaxine did not cause malformations in offspring of rats or rabbits given doses up to 11 times (rat) or 12 times (rabbit) the maximum recommended human daily dose on a mg/kg basis, or 2.5 times (rat) and 4 times (rabbit) the human daily dose on a mg/m² basis. However, in rats, there was a decrease in pup weight, an increase in stillborn pups, and an increase in pup deaths during the first 5 days of lactation, when dosing began during pregnancy and continued until weaning. The cause of these deaths is not known. These effects occurred at 10 times (mg/kg) or 2.5 times (mg/m²) the maximum human daily dose. The no effect dose for rat pup mortality was 1.4 times the human dose on a mg/kg basis or 0.25 times the human dose on a mg/m² basis. There are no adequate and well-controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nonteratogenic Effects

Neonates exposed to venlafaxine hydrochloride, other SNRIs (Serotonin and Norepinephrine Reuptake Inhibitors), or SSRIs (Selective Serotonin Reuptake Inhibitors), late in the third trimester have developed complications requiring prolonged hospitalization, respiratory support, and tube feeding. Such complications can arise immediately upon delivery. Reported clinical findings have included respiratory distress, cyanosis, apnea, seizures, temperature instability, feeding difficulty, vomiting, hypoglycemia, hypotonia, hyperreflexia, hyperflexia, tremor, jitteriness, irritability, and constant crying. These features are consistent with either a direct toxic effect of SSRIs and SNRIs or, possibly, a drug discontinuation syndrome. It should be noted that, in some cases, the clinical picture is consistent with serotonin syndrome (see **PRECAUTIONS, Drug Interactions, CNS-Active Drugs**). When treating a pregnant woman with venlafaxine hydrochloride during the third trimester, the physician should carefully consider the potential risks and benefits of treatment (see **DOSSAGE AND ADMINISTRATION**).

Labor and Delivery

The effect of venlafaxine hydrochloride on labor and delivery in humans is unknown.

Nursing Mothers

Venlafaxine and ODV have been reported to be excreted in human milk. Because of the potential for serious adverse reactions in nursing infants from venlafaxine hydrochloride, a decision should be made whether to discontinue nursing or to discontinue the drug, taking into account the importance of the drug to the mother.

Pediatric Use

Safety and effectiveness in the pediatric population have not been established (see **BOX WARNINGS** and **WARNINGS, Clinical Worsening and Suicide Risk**). Two placebo-controlled trials in 766 pediatric patients with MDD and two placebo-controlled trials in 793 pediatric patients with GAD have been conducted with venlafaxine hydrochloride extended-release capsules, and the data were not sufficient to support a claim for use in pediatric patients.

Anyone considering the use of venlafaxine tablets in a child or adolescent must balance the potential risks with the clinical need. Although no studies have been designed to primarily assess venlafaxine hydrochloride extended-release capsule's impact on the growth, development, and maturation of children and adolescents, the studies that have been done suggest that venlafaxine hydrochloride extended-release capsules may adversely affect weight and height (see **PRECAUTIONS, Drug Interactions, Changes in Height and Changes in Weight**). Should the decision be made to treat a pediatric patient with venlafaxine hydrochloride, regular monitoring of weight and height is recommended during treatment, particularly if it is to be continued long term. The safety of venlafaxine hydrochloride extended-release capsule treatment for pediatric patients has not been systematically assessed for chronic treatment longer than six months in duration.

In the studies conducted in pediatric patients (ages 6 to 17), the occurrence of blood pressure and cholesterol increases considered to be clinically relevant in pediatric patients was similar to that observed in adult patients. Consequently, the precautions for adults apply to pediatric patients (see **WARNINGS, Sustained Hypertension and Precautions, General, Serum Cholesterol Elevations**).

Geriatric Use

Of the 2,897 patients in Phase 2 and Phase 3 depression studies with venlafaxine hydrochloride, 12% (357) were 65 years of age or over. No overall differences in effectiveness or safety were observed between these patients and younger patients, and other reported clinical experience generally has not identified differences in response between the elderly and younger patients. However, greater sensitivity of some older individuals cannot be ruled out. SSRIs and SNRIs, including venlafaxine hydrochloride, have been associated with cases of clinically significant hyponatremia in elderly patients, who may be at greater risk for this adverse event (see **PRECAUTIONS, Hyponatremia**).

The pharmacokinetics of venlafaxine and ODV are not substantially altered in the elderly (see **CLINICAL PHARMACOLOGY**). No dose adjustment is recommended for the elderly on the basis of age alone, although other clinical factors, some of which may be more common in the elderly, such as renal or hepatic impairment, may warrant a dose reduction (see **DOSSAGE AND ADMINISTRATION**).

ADVERSE REACTIONS

Associated With Discontinuation of Treatment

Nineteen percent (537/2897) of venlafaxine patients in Phase 2 and Phase 3 depression studies discontinued treatment due to an adverse event. The more common events (≥ 1%) associated with discontinuation and considered to be drug-related (i.e., those events associated with dropout at a rate approximately twice or greater for venlafaxine compared to placebo) included:

CNS	Venlafaxine	Placebo
Somnolence	3%	1%
Insomnia	3%	1%
Dizziness	3%	—
Nervousness	2%	—
Dry mouth	2%	—
Anxiety	2%	1%
Gastrointestinal		
Nausea	6%	1%
Urogenital		
Abnormal ejaculation [†]	3%	—
Other		
Headache	3%	1%
Asthenia	2%	—
Sweating	2%	—
— Less than 1%		
† Percentages based on the number of males.		

Incidence in Controlled Trials

Commonly Observed Adverse Events in Controlled Clinical Trials

The most commonly observed adverse events associated with the use of venlafaxine hydrochloride (incidence of 5% or greater) and not seen at an equivalent incidence among placebo-treated patients (i.e., incidence for venlafaxine hydrochloride at least twice that for placebo), derived from the 1% incidence table below, were asthenia, sweating, nausea, constipation, anorexia, vomiting, somnolence, dry mouth, dizziness, nervousness, anxiety, tremor, and blurred vision as well as abnormal ejaculation/orgasm and impotence in men.

Adverse Events Occurring at an Incidence of 1% or More Among Venlafaxine Hydrochloride-Treated Patients

The table that follows enumerates adverse events that occurred at an incidence of 1% or more, and were more frequent than in the placebo group, among venlafaxine hydrochloride-treated patients who participated in short-term (4 to 8 week) placebo-controlled trials in which patients were administered doses in a range of 75 to 375 mg/day. This table shows the percentage of patients in each group who had at least one episode of an event at some time during their treatment.

Reported adverse events were classified using a standard COSTART-based Dictionary terminology. The prescriber should be aware that these figures cannot be used to predict the incidence of side effects in the course of usual medical practice where patient characteristics and other factors differ from those which prevailed in the clinical trials. Similarly, the cited frequencies cannot be compared with figures obtained from other clinical investigations involving different treatments, uses and investigators. The cited figures, however, do provide the prescribing physician with some basis for estimating the relative contribution of drug and nondrug factors to the side effect incidence rate in the population studied.

TABLE 2: Treatment-Emergent Adverse Experience Incidence in 4 to 8 Week Placebo-Controlled Clinical Trials [†]			
Body System	Preferred Term	Venlafaxine Hydrochloride (n = 1033)	Placebo (n = 609)
Body as a Whole	Headache	25%	—
	Asthenia	12%	—
	Infection	6%	5%
	Chills	3%	—
	Chest pain	2%	1%
	Trauma	2%	1%
Cardiovascular	Vasodilatation	4%	3%
	Increased blood pressure/hypertension	2%	—
	Tachycardia	1%	—
	Postural hypotension	1%	—
Dermatological	Sweating	12%	3%
	Rash	3%	2%
	Pruritus	1%	—
Gastrointestinal	Nausea	37%	11%
	Constipation	15%	7%
	Anorexia	11%	2%
	Diarrhea	8%	7%
	Vomiting	6%	2%
	Dyspepsia	5%	4%
	Flatulence	3%	3%
Metabolic	Weight loss	1%	2%
Nervous System	Somnolence	23%	9%
	Dry mouth	22%	11%
	Dizziness	19%	7%
	Insomnia	18%	10%
	Nervousness	13%	6%
	Anxiety	6%	3%
	Tremor	5%	1%
	Abnormal dreams	4%	3%
	Hypertonia	3%	2%
	Paresthesia	3%	2%
	Libido decreased	2%	—
	Agitation	2%	—
	Confusion	2%	1%
	Thinking abnormal	2%	1%
	Depersonalization	1%	—
	Depression	1%	—
	Urinary retention	1%	—
	Twitching	1%	—

TABLE 2: Treatment-Emergent Adverse Experience Incidence in 4 to 8 Week Placebo-Controlled Clinical Trials[†]

Body System	Preferred Term	Venlafaxine Hydrochloride (n = 1033)	Placebo (n = 609)
Respiration	Yawn	3%	—
Special Senses	Blurred vision	2%	—
	Taste perversion	2%	—
	Tinnitus	2%	—
	Mydriasis	2%	—
Urogenital System	Abnormal ejaculation/orgasm	12% ²	— ²
	Impotence	6% ²	— ²
	Urinary frequency	3%	2%
	Urination impaired	2%	—
	Orgasm disturbance	2% ³	— ³

— Incidence less than 1%.

- Events reported by at least 1% of patients treated with venlafaxine hydrochloride are included, and are rounded to the nearest % . Events for which the venlafaxine hydrochloride incidence was equal to or less than placebo are not listed in the table, but included the following: abdominal pain, pain, back pain, flu syndrome, fever, palpitation, increased appetite, myalgia, arthralgia, arnesia, hypesthesia, rhinitis, pharyngitis, sinusitis, cough increased, and dysmenorrhea³.
- Incidence based on number of male patients.
- Incidence based on number of female patients.

Dose Dependency of Adverse Events

A comparison of adverse event rates in a fixed-dose study comparing venlafaxine hydrochloride 75, 225, and 375 mg/day with placebo revealed a dose dependency for some of the more common adverse events associated with venlafaxine hydrochloride use, as shown in the table that follows. The rate for including events was to enumerate those that occurred at an incidence of 5% or more for at least one of the venlafaxine groups and for which the incidence was at least twice the placebo incidence for at least one venlafaxine hydrochloride group. Tests for potential dose relationships for these adverse events (Cochran-Armitage Test, with a criterion of exact 2 sided p-value < 0.05) suggested a dose-dependency for several adverse events in this list, including chills, hypertension, anorexia, nausea, agitation, dizziness, somnolence, tremor, yawning, sweating, and abnormal ejaculation.

TABLE 3: Treatment-Emergent Adverse Experience Incidence in a Dose Comparison Trial

Body System/Preferred Term	Placebo (n = 92)	Venlafaxine Hydrochloride (mg/day)	75 (n = 89)	225 (n = 89)	375 (n = 88)
Body as a Whole					
Abdominal pain	3.3%	3.4%	2.2%	2.2%	8%
Asthenia	3.3%	16.9%	14.6%	14.8%	—
Chills	1.1%	2.2%	5.6%	6.8%	—
Infection	2.2%	2.2%	5.6%	2.3%	—
Cardiovascular System					
Vasodilatation	0%	4.5%	5.6%	2.3%	—
Digestive System					
Anorexia	2.2%	14.6%	13.5%	17%	—
Dyspepsia	2.2%	6.7%	6.7%	4.5%	—
Nausea	14.1%	32.6%	38.2%	58%	—
Vomiting	1.1%	7.9%	3.4%	6.8%	—
Nervous System					
Agitation	0%	1.1%	2.2%	4.5%	—
Anxiety	4.3%	11.2%	4.5%	2.3%	—
Dizziness	4.3%	19.1%	22.5%	23.9%	—
Insomnia	9.8%	22.5%	20.2%	18.6%	—
Libido decreased	1.1%	2.2%	1.1%	5.7%	—
Nervousness	4.3%	21.3%	13.5%	12.5%	—
Somnolence	4.3%	16.9%	18.0%	26.1%	—
Tremor	0%	1.1%	2.2%	10.2%	—
Respiratory System					
Yawn	0%	4.5%	5.6%	8%	—
Skin and Appendages					
Sweating	5.4%	6.7%	12.4%	19.3%	—
Special Senses					
Abnormally accommodation	0%	9.1%	7.9%	5.6%	—
Urogenital System					
Abnormal ejaculation/orgasm	0%	2.2%	12.5%	—	—
Impotence	0%	5.8%	2.1%	3.6%	—
(Number of men)	(n = 63)	(n = 52)	(n = 48)	(n = 56)	—

Adaptation to Certain Adverse Events

Over a 6 week period, there was evidence of adaptation to some adverse events with continued therapy (e.g., dizziness and nausea), but less to other effects (e.g., abnormal ejaculation and dry mouth).

Vital Sign Changes

Venlafaxine hydrochloride treatment (averaged over all dose groups) in clinical trials was associated with a mean increase in pulse rate of approximately 3 beats per minute, compared to no change for placebo. In a flexible-dose study, with doses in the range of 200 to 375 mg/day and mean dose greater than 300 mg/day, the mean pulse was increased by about 2 beats per minute compared with a decrease of about 1 beat per minute for placebo.

In controlled clinical trials, venlafaxine hydrochloride was associated with mean increases in diastolic blood pressure ranging from 0.7 to 2.5 mm Hg averaged over all dose groups, compared to mean decreases ranging from 0.9 to 3.8 mm Hg for placebo. However, there is a dose dependency for blood pressure increase (see **WARNINGS**).

Laboratory Changes

Of the serum chemistry and hematology parameters monitored during clinical trials with venlafaxine hydrochloride, a statistically significant difference with placebo was seen only for serum cholesterol. In premarketing trials, treatment with venlafaxine tablets was associated with a mean final on-therapy increase in total cholesterol of 5 mg/dL.

Patients treated with venlafaxine tablets for at least 3 months in placebo-controlled 12 month extension trials had a mean final on-therapy increase in total cholesterol of 9.1 mg/dL compared with a decrease of 7.1 mg/dL among placebo-treated patients. This increase was duration dependent over the study period and tended to be greater with higher doses. Clinically relevant increases in serum cholesterol, defined as (1) a final on-therapy increase in serum cholesterol ≥ 50 mg/dL from baseline and to a value ≥ 261 mg/dL or (2) an average on-therapy increase in serum cholesterol ≥ 50 mg/dL from baseline and to a value ≥ 261 mg/dL, were recorded in 5.3% of venlafaxine-treated patients and 0% of placebo-treated patients (see **PRECAUTIONS, General, Serum Cholesterol Elevation**).

ECG Changes

In an analysis of ECGs obtained in 769 patients treated with venlafaxine hydrochloride and 450 patients treated with placebo in controlled clinical trials, the only statistically significant difference observed was for heart rate, i.e., a mean increase from baseline of 4 beats per minute for venlafaxine hydrochloride. In a flexible-dose study, with doses in the range of 200 to 375 mg/day and mean dose greater than 300 mg/day, the mean change in heart rate was 8.5 beats per minute compared with 1.7 beats per minute for placebo (see **PRECAUTIONS, General, Use in Patients With Concomitant Illness**).

Other Events Observed During the Premarketing Evaluation of Venlafaxine

During its premarketing assessment, multiple doses of venlafaxine hydrochloride were administered to 2897 patients in Phase 2 and Phase 3 studies. In addition, in premarketing assessments of venlafaxine hydrochloride extended-release capsules, multiple doses were administered to 705 patients in Phase 3 major depressive disorder studies and venlafaxine hydrochloride was administered to 96 patients. During its premarketing assessment, multiple doses of venlafaxine hydrochloride extended-release capsules were also administered to 1381 patients in Phase 3 GAD studies and 277 patients in Phase 3 Social Anxiety Disorder studies. The conditions and duration of exposure to venlafaxine in both development programs varied greatly, and included (in overlapping categories) open and double-blind studies, uncontrolled and controlled studies, inpatient (venlafaxine hydrochloride only) and outpatient studies, fixed-dose and titration studies. Unwanted events associated with this exposure were recorded by clinical investigators using terminology of their own choosing. Consequently, it is not possible to produce a meaningful estimate of the proportion of individuals experiencing adverse events without first grouping similar types of unwanted events into a smaller number of standardized event categories.

In the tabulations that follow, reported adverse events were classified using a standard COSTART-based Dictionary terminology. The frequencies presented, therefore, represent the proportion of the 5566 patients exposed to multiple doses of either formulation of venlafaxine who experienced an event of the type cited on at least one occasion while receiving venlafaxine. All reported events are included except those already listed in **TABLE 2** and those events for which a drug cause was remote. If the COSTART term for an event was so general as to be uninformative, it was replaced with a more informative term. It is important to emphasize that, although the events reported occurred during treatment with venlafaxine, they were not necessarily caused by it.

Events are further categorized by body system and listed in order of decreasing frequency using the following definitions: **requent** adverse events are defined as those occurring on one or more occasions in at least 1/100 patients; **infrequent** adverse events are those occurring in 1/100 to 1/1000 patients; **rare** events are those occurring in fewer than 1/1000 patients. **Body as a whole**—**Frequent:** accidental injury, chest pain subacute, neck pain. **Infrequent:** eye edema, interstitial injury, malaise, moniliasis, neck rigidity, pelvic pain, photosensitivity reaction, suicide attempt, withdrawal syndrome. **Rare:** appendicitis, bacteremia, carcinoma, cellulitis.

Cardiovascular system—**Frequent:** migraine. **Infrequent:** angina pectoris, arrhythmia, extrastroses, hypotension, peripheral vascular disorder (mainly cold feet and/or cold hands), syncope, thrombophlebitis. **Rare:** aortic aneurysm, atheros, first-degree atrioventricular block, bigeminy, bradycardia