



Table 4 Treatment-Emergent Adverse Event Incidence in Short-Term Placebo-Controlled Effxor XR Clinical Trials in GAD Patients

| Body System Preferred Term | % Reporting Event | |
|---|-------------------------|----------------------|
| | Effxor XR (n = 1381) | Placebo (n = 553) |
| Body as a Whole | | |
| Asthma | 12% | 8% |
| Cardiovascular System | | |
| Vasodilation ¹ | 4% | 2% |
| Digestive System | | |
| Nausea | 35% | 12% |
| Constipation | 10% | 4% |
| Anorexia | 8% | 2% |
| Vomiting | 5% | 3% |
| Nervous System | | |
| Dizziness | 16% | 11% |
| Dry Mouth | 16% | 6% |
| Insomnia | 15% | 10% |
| Somnolence | 14% | 8% |
| Nervousness | 6% | 4% |
| Lbido Decreased | 4% | <1% |
| Tremor | 4% | <1% |
| Abnormal Dreams ² | 3% | 2% |
| Hypertonia | 3% | 2% |
| Paresthesia | 2% | 1% |
| Respiratory System | | |
| Yawn | 3% | <1% |
| Skin | | |
| Sweating | 10% | 3% |
| Special Senses | | |
| Abnormal Vision ³ | 5% | <1% |
| Urogenital System | | |
| Abnormal Ejaculation ⁴ | 11% | <1% |
| Impotence ⁵ | 5% | <1% |
| Organic Dysfunction (female) ⁶ | 2% | 0% |

¹ Adverse events for which the Effxor XR reporting rate was less than or equal to the placebo rate are not included. These events are: abdominal pain, accidental injury, anxiety, back pain, diarrhea, dysmenorrhea, dyspepsia, flu syndrome, headache, infection, myalgia, pain, palpitation, pharyngitis, rhinitis, tonsitis, and urinary frequency.

² <1% means greater than zero but less than 1%.
³ Mostly "hot flashes."
⁴ Mostly "wild dreams," "nightmares," and "increased dreaming."
⁵ Mostly "blurred vision" and "difficulty focusing eyes."
⁶ Includes "delayed ejaculation" and "anorgasmia."
⁷ Percentage based on the number of males (Effxor XR = 525, placebo = 220).
⁸ Includes "delayed orgasm," "abnormal orgasm," and "anorgasmia."
⁹ Percentage based on the number of females (Effxor XR = 856, placebo = 335).

Table 5 Treatment-Emergent Adverse Event Incidence in Short-Term Placebo-Controlled Effxor XR Clinical Trials in Social Anxiety Disorder Patients¹

| Body System Preferred Term | % Reporting Event | |
|-----------------------------------|------------------------|----------------------|
| | Effxor XR (n = 277) | Placebo (n = 274) |
| Body as a Whole | | |
| Headache | 34% | 33% |
| Asthma | 17% | 8% |
| Flu Syndrome | 6% | 5% |
| Accidental Injury | 5% | 3% |
| Abnormal Pain | 4% | 3% |
| Cardiovascular System | | |
| Hypertension | 5% | 4% |
| Vasodilation ¹ | 3% | 1% |
| Palpitation | 3% | 1% |
| Digestive System | | |
| Nausea | 29% | 9% |
| Anorexia | 20% | 1% |
| Constipation | 8% | 4% |
| Diarrhea | 6% | 5% |
| Vomiting | 5% | 2% |
| Eruaction | 2% | 0% |
| Metabolic/Nutritional | | |
| Weight Loss | 4% | 0% |
| Nervous System | | |
| Insomnia | 23% | 7% |
| Dry Mouth | 17% | 4% |
| Dizziness | 16% | 8% |
| Somnolence | 16% | 8% |
| Nervousness | 11% | 3% |
| Lbido Decreased | 9% | <1% |
| Anxiety | 5% | 3% |
| Agitation | 4% | 1% |
| Tremor | 4% | <1% |
| Abnormal Dreams ² | 4% | <1% |
| Paresthesia | 3% | <1% |
| Twitching | 2% | 0% |
| Respiratory System | | |
| Yawn | 5% | <1% |
| Strabismus | 2% | 1% |
| Skin | | |
| Sweating | 13% | 2% |
| Special Senses | | |
| Abnormal Vision ³ | 6% | 3% |
| Urogenital System | | |
| Abnormal Ejaculation ⁴ | 16% | 1% |
| Impotence ⁵ | 10% | 1% |
| Organic Dysfunction ⁶ | 8% | 0% |

¹ Adverse events for which the Effxor XR reporting rate was less than or equal to the placebo rate are not included. These events are: back pain, depression, dysmenorrhea, dyspepsia, infection, myalgia, pain, pharyngitis, rash, rhinitis, and upper respiratory infection.

² <1% means greater than zero but less than 1%.
³ Mostly "hot flashes."
⁴ Mostly "decreased appetite" and "loss of appetite."
⁵ Mostly "wild dreams," "nightmares," and "increased dreaming."
⁶ Mostly "blurred vision."
⁷ Includes "delayed ejaculation" and "anorgasmia."
⁸ Percentage based on the number of males (Effxor XR = 158, placebo = 153).
⁹ Includes "abnormal orgasm" and "anorgasmia."
¹⁰ Percentage based on the number of females (Effxor XR = 119, placebo = 121).

Vital Sign Changes
 Effxor XR[®] (venlafaxine hydrochloride) extended-release capsules treatment for up to 12 weeks in pre-marketing placebo-controlled major depressive disorder trials was associated with a mean final on-therapy increase in pulse rate of approximately 2 beats per minute, compared with 1 beat per minute for placebo. Effxor XR treatment for up to 8 weeks in pre-marketing placebo-controlled GAD trials was associated with a mean final on-therapy increase in pulse rate of approximately 2 beats per minute, compared with less than 1 beat per minute for placebo. Effxor XR treatment for up to 12 weeks in pre-marketing placebo-controlled Social Anxiety Disorder trials was associated with a mean final on-therapy increase in pulse rate of approximately 1 beat per minute, compared with an increase of 1 beat per minute for placebo. (See the **Sustained Hypertension** section of ASSOCIATIONS for effects on blood pressure.)

In a flexible-dose study, with Effxor 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.

Laboratory Changes
 Effxor XR (venlafaxine hydrochloride) extended-release capsules treatment for up to 12 weeks in pre-marketing placebo-controlled trials for major depressive disorder was associated with a mean final on-therapy increase in serum cholesterol concentration of approximately 1.5 mg/dL compared with a mean final decrease of 7.4 mg/dL for placebo. Effxor XR treatment for up to 8 weeks and up to 6 months in pre-marketing placebo-controlled GAD trials was associated with mean final on-therapy increases in serum cholesterol concentration of approximately 1.0 mg/dL and 2.3 mg/dL, respectively while placebo subjects experienced mean final decreases of 4.0 mg/dL and 7.7 mg/dL, respectively. Effxor XR treatment for up to 12 weeks in pre-marketing placebo-controlled Social Anxiety Disorder trials was associated with mean final on-therapy increases in serum cholesterol concentration of approximately 11.4 mg/dL compared with a mean final decrease of 2.2 mg/dL for placebo.

Patients treated with Effxor tablets (the immediate-release form of venlafaxine) for at least 3 months in placebo-controlled 12-month extension trials had a mean final on-therapy increase in total cholesterol of 8.1 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 \geq 50 mg/dL from baseline and to a value \geq 261 mg/dL, or 2) an average on-therapy increase in serum cholesterol \geq 50 mg/dL from baseline and to a value \geq 261 mg/dL, were recorded in 5.3% of venlafaxine-treated patients and 0.0% of placebo-treated patients (see **PRECAUTIONS-General- Serum Cholesterol Elevations**).

ECG Changes
 In a flexible-dose study, with Effxor 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 the **Use in Patients with Concomitant Illness** section of **PRECAUTIONS**.)

Other Adverse Events Observed During the Premarketing Evaluation of Effxor and Effxor XR
 During its premarketing assessment, multiple doses of Effxor XR were administered to 705 patients in Phase 3 major depressive disorder studies and Effxor was administered to 86 patients. During its pre-marketing assessment, multiple doses of Effxor XR were also administered to 1381 patients in Phase 3 GAD studies and 277 patients in Phase 3 Social Anxiety Disorder studies. In addition, in premarketing assessment of Effxor, multiple doses were administered to 2897 patients in Phase 2 to Phase 3 studies for major depressive disorder. 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 (Effxor 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 provide 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 5336 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 Tables 3, 4, and 5 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: **Frequent** 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: chest pain, substernal, chills, fever, neck pain. **Infrequent:** face edema, intentional injury, malaise, meningitis, neck rigidity, pelvic pain, photosensitivity reaction, suicide attempt, withdrawal syndrome. **Rare:** appendicitis, bacteremia, carcinoma, cellulitis.

Cardiovascular system - Frequent: migraine, postural hypotension, tachycardia. **Infrequent:** angina pectoris, arrhythmia, extrasystoles, hypertension, peripheral vascular disorder (mainly cold feet and/or cold hands), syncope, thrombophlebitis. **Rare:** aortic aneurysm, aortic, first-degree atrioventricular block, bigeminy, bradycardia, bundle branch block, capillary fragility, cerebral ischemia, coronary artery disease, congestive heart failure, heart arrest, cardiovascular disorder (mitral valve and circulatory disturbance), mucocutaneous hemorrhage, myocardial infarct, pulse.

Digestive system - Frequent: increased appetite. **Infrequent:** bruising, colitis, dysphagia, tongue edema, esophagitis, gastritis, gastroenteritis, gastrointestinal ulcer, gingivitis, glossitis, rectal hemorrhage, hemorrhoids, melena, oral moniliasis, stomatitis, mouth ulceration. **Rare:** chelitis, cholecystitis, cholelithiasis, esophageal spasms, duodenitis, hematemesis, gastrointestinal hemorrhage, gum hemorrhage, hepatitis, ileitis, jaundice, intestinal obstruction, parotitis, perodontitis, proctitis, increased salivation, stool softs, tongue discoloration.

Endocrine system - Rare: pituitary hyperthyroidism, hypothyroidism, thyroid nodule, thyroiditis. Hemtic and lymphatic system - **Frequent:** ecchymosis. **Infrequent:** anemia, leukocytosis, leukopenia, lymphadenopathy, thrombocytopenia. **Rare:** basophilia, bleeding time increased, cyanosis, eosinophilia, lymphocytosis, multiple myeloma, purpura.

Metabolic and nutritional - Frequent: edema, weight gain. **Infrequent:** alkaline phosphatase increased, dehydration, hypercholesterolemia, hyperglycemia, hypoproteinemia, hypokalemia, SGOT (AST) increased, SGPT (ALT) increased, thirst. **Rare:** alcohol intolerance, bilirubinemia, BUN increased, creatinine increased, diabetes mellitus, glycosuria, gout, healing abnormal, hemochromatosis, hypercalcemia, hyperkalemia, hyperphosphatemia, hyperuricemia, hypercholesterolemia, hypoglycemia, hypoproteinemia, hypophosphatemia, hypoproteinemia, uremia.

Musculoskeletal system - Frequent: arthralgia. **Infrequent:** arthritis, arthrosis, bone pain, bone spurs, buritis, leg cramp, myasthenia, tenosynovitis. **Rare:** pathological fracture, myopathy, osteoporosis, osteoarthritis, plantar fasciitis, rheumatoid arthritis, tendon rupture.

Nervous system - Frequent: amnesia, confusion, depersonalization, hypesthesia, thinking abnormal, trismus, vertigo. **Infrequent:** akathisia, apathy, ataxia, circumoral paresthesia, CNS stimulation, emotional lability, euphoria, hallucinations, hostility, hypesthesia, hyperkinesia, hypotonia, incoordination, libido increased, manic reaction, myoclonus, neuralgia, neuropathy, psychosis, seizure, sexual excitation, stupor. **Rare:** akinesia, alcohol abuse, aphasia, bradycardia, buccoglossal disorder, cerebrovascular accident, feeling drunk, loss of consciousness, delirium, dementia, dystonia, facial paralysis, abnormal gait, Guillain-Barre Syndrome, hyperchlorhydria, hypokinesia, impulse control difficulties, neuritis, nyctagmus, paranoid reaction, paresis, psychotic depression, reflexes decreased, reflexes increased, suicidal ideation, torticollis.

Respiratory system - Frequent: cough increased, dyspnea. **Infrequent:** asthma, chest congestion, epistaxis, hyperventilation, laryngospasm, laryngitis, pneumonia, voice alteration. **Rare:** atelectasis, hemoptysis, hyperventilation, hypoxia, larynx edema, pleurisy, pulmonary embolus, sleep apnea.

Skin and appendages - Frequent: pruritus. **Infrequent:** acne, acneiform, brittle nails, contact dermatitis, dry skin, eczema, skin hyperpigmentation, maculopapular rash, psoriasis, urticaria. **Rare:** erythema nodosum, erythematous dermatitis, ichthyoid dermatitis, hair discoloration, skin discoloration, furunculosis, hirsutism, leukoderma, petechial rash, pustular rash, vesiculobullous rash, seborrhea, skin atrophy, skin striae.

Special Senses - Frequent: abnormality of accommodation, mydriasis, taste perversion. **Infrequent:** catarrh, conjunctivitis, corneal lesion, diplopia, dry eyes, eye pain, hyperacusis, otitis media, parosmia, photophobia, taste loss, visual field defect. **Rare:** diplopia, chromatopsia, conjunctival edema, deafness, exophthalmos, glaucoma, retinal hemorrhage, subconjunctival hemorrhage, keratitis, labyrinthitis, miosis, papilledema, decreased pupillary reflex, otitis externa, scleritis, vertigo.

Urogenital system - Frequent: retropharyngeal, prostatic disorder (prostatitis and enlarged prostate), urination impaired, vaginitis. **Infrequent:** albuminuria, amenorrhea, cystitis, dysuria, hematuria, leukorrhea (ex), menorrhagia, nocturia, bladder pain, breast pain, polyuria, pyuria, urinary incontinence, urinary retention, urinary urgency, vaginal hemorrhage. **Rare:** abortion, anuria, breast discharge, breast engorgement, balanitis, "breast abnormal, endometriosis," female lactation, fibrocystic breast, calcium crystalluria, cervicitis, "orchitis," ovarian cysts, prolonged erection, "gynecomastia (male)," hyperemesis, kidney calculus, kidney pain, kidney function abnormal, mastitis, menopause, pyelonephritis, oliguria, salpingitis, ureolithiasis, uterine hemorrhage, uterine spasm, vaginal dryness.

¹ Based on the number of men and women as appropriate.

Postmarketing Reports
 Voluntary reports of other adverse events temporally associated with the use of venlafaxine that have been received since market introduction and that may have no causal relationship with the use of venlafaxine include the following: agranulocytosis, anaphylaxis, anaphylactic anemia, cataplexy, congenital anomalies, CPK increased, deep vein thrombophlebitis, delirium, EKG abnormalities such as QT prolongation; cardiac arrhythmias including atrial fibrillation, supraventricular tachycardia, ventricular extrasystoles, and rare reports of ventricular fibrillation and ventricular tachycardia, including torsade de pointes; epidural necrosis-Sjogren-Johnson Syndrome; erythema multiforme, extrapyramidal symptoms (including dyskinesia and tardive dyskinesia), angle-closure glaucoma, hemorrhage (including eye and gastrointestinal bleeding), hepatic events (including GGT elevation; abnormalities of unspliced liver function tests; liver damage, necrosis, or failure; and fatty liver); involuntary movements, LND increased, neuroleptic malignant syndrome-like events (including a case of a 10-year-old who may have been taking methylphenidate, was treated and recovered, neutropenia, night sweats, pancreatitis, pancytopenia, panic, prolactin increased, pulmonary eosinophilia, renal failure, rhabdomyolysis, serotonin syndrome, shock-like electrical sensations or tremor in some cases, subsequent to the discontinuation of venlafaxine or tapering of dose), and syndrome of inappropriate antidiuretic hormone secretion (usually in the elderly). There have been reports of elevated clozapine levels that were temporally associated with adverse events, including seizures, following the addition of venlafaxine. There have been reports of increase in prothrombin time, partial thromboplastin time, or INR when venlafaxine was given to patients receiving warfarin therapy.

CRUISE ABUSE AND DEPENDENCE
Controlled Substance Class
 Effxor XR (venlafaxine hydrochloride) extended-release capsules is not a controlled substance.

Physical and Psychological Dependence
 In vitro studies revealed that venlafaxine has virtually no affinity for opiate, benzodiazepine, phencyclidine (PCP), or N-methyl-D-aspartic acid (NMDA) receptors.

Venlafaxine was not found to have any significant CNS stimulant activity in rodents. In primate drug discrimination studies, venlafaxine showed no significant stimulant or depressant abuse liability. Discontinuation effects have been reported in patients receiving venlafaxine (see **DISAGUE AND ADMINISTRATION**).

While venlafaxine has not been systematically studied in clinical trials for its potential for abuse, there was no indication of drug-seeking behavior in the clinical trials. However, it is not possible to predict on the basis of premarketing experience the extent to which a CNS active drug will be misused, diverted, and/or abused once marketed. Consequently, physicians should carefully evaluate patients for history of drug abuse and follow such patients closely, observing them for signs of misuse or abuse of venlafaxine (eg, development of tolerance, incrementation of dose, drug-seeking behavior).

OVERDOSE
Human Experience
 Among the patients included in the premarketing evaluation of Effxor XR, there were 2 reports of acute overdose with Effxor XR in major depressive disorder trials, either alone or in combination with other drugs. One patient took a combination of 6 g of Effxor XR and 2.5 mg of lorazepam. This patient was hospitalized, treated symptomatically, and recovered without any untoward effects. The other patient took 2.85 g of Effxor XR. This patient reported paresthesia of all four limbs but recovered without sequelae.

There were 2 reports of acute overdose with Effxor XR in GAD trials. One patient took a combination of 0.75 g of Effxor XR and 200 mg of paroxetine and 50 mg of zolpidem. This patient was described as being alert, able to communicate, and a little sleepy. This patient was hospitalized, treated with activated charcoal, and recovered without any untoward effects. The other patient took 1.2 g of Effxor XR. This patient recovered and no other specific problems were found. The patient had moderate dizziness, nausea, numb hands and feet, and hot-cold spells 5 days after the overdose. These symptoms resolved over the next week.

There were no reports of acute overdose with Effxor XR in Social Anxiety Disorder trials. Among the patients included in the premarketing evaluation with Effxor, there were 14 reports of acute overdose with venlafaxine, either alone or in combination with other drugs and/or alcohol. The majority of the reports involved ingestion in which the total dose of venlafaxine taken was estimated to be no more than several-fold higher than the usual therapeutic dose. The 3 patients who took the highest doses were estimated to have ingested approximately 6.75 g, 2.75 g, and 2.5 g. The resultant peak plasma levels of venlafaxine for the latter 2 patients were 6.24 and 2.35 µg/mL, respectively, and the peak plasma levels of O-desmethylvenlafaxine were 3.37 and 1.30 µg/mL, respectively. Plasma venlafaxine levels were not obtained for the patient who ingested 6.75 g of venlafaxine. All 14 patients recovered without sequelae. Most patients reported no symptoms. Among the remaining patients, somnolence was the most commonly reported symptom. The patient who ingested 2.75 g of venlafaxine was observed to have 2 generalized convulsions and a prolongation of QTc to 500 msec, compared with 450 msec at baseline. Mild sinus tachycardia was reported in 2 of the other patients.

In postmarketing experience, overdose with venlafaxine has occurred predominantly in combination with alcohol and/or other drugs. Electrocardiogram changes (eg, prolongation of QT interval, bundle branch block, QRS prolongation), sinus and ventricular tachycardia, bradycardia, hypotension, altered level of consciousness (ranging from somnolence to coma), rhabdomyolysis, seizures, vertigo, and death have been reported.

Management of Overdose
 Treatment should consist of those general measures employed in the management of overdose with any antidepressant.

Ensure an adequate airway, oxygenation, and ventilation. Monitor cardiac rhythm and vital signs. General supportive and symptomatic measures are also recommended. Induction of emesis is not recommended. Gastric lavage with a large bore orogastric tube with appropriate airway protection, if needed, may be indicated if performed soon after ingestion or in symptomatic patients.

Activated charcoal should be administered. Due to the large volume of distribution of this drug, forced diuresis, dialysis, hemoperfusion, and exchange transfusion are unlikely to be of benefit. No specific antidote for venlafaxine are known.

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

DISAGUE AND ADMINISTRATION

Effxor XR 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 capsule should be swallowed whole with fluid and not divided, crushed, chewed, or placed in water, or it may be administered by carefully opening the capsule and sprinkling the entire contents on a spoonful of applesauce. This drug/mixture should be swallowed immediately without chewing and followed with a glass of water to ensure complete swallowing of the pellets.

Initial Treatment
Major Depressive Disorder
 For most patients, the recommended starting dose for Effxor XR is 75 mg/day, administered in a single dose. In the clinical trials establishing the efficacy of Effxor XR 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 Effxor XR 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 in increments of up to 75 mg/day, as 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 Trials** under **CLINICAL PHARMACOLOGY**).

It should be noted that, while the maximum recommended dose for moderately depressed outpatients is also 225 mg/day for Effxor (the immediate release form of venlafaxine), 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 Effxor XR are needed for more severely depressed patients is unknown; however, the experience with Effxor XR doses higher than 225 mg/day is very limited. (See **PRECAUTIONS-General-Use in Patients with Concomitant Illness**.)

Generalized Anxiety Disorder
 For most patients, the recommended starting dose for Effxor XR is 75 mg/day, administered in a single dose. In clinical trials establishing the efficacy of Effxor XR in outpatients with Generalized Anxiety Disorder (GAD), 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. Although a dose-response relationship for effectiveness in GAD was not clearly established in fixed-dose studies, certain 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 in increments of up to 75 mg/day, as needed, and should be made at intervals of not less than 4 days. (See the **Use in Patients with Concomitant Illness** section of **PRECAUTIONS**.)

Social Anxiety Disorder (Social Phobia)
 For most patients, the recommended starting dose for Effxor XR is 75 mg/day, administered in a single dose. In clinical trials establishing the efficacy of Effxor XR in outpatients with Social Anxiety Disorder, the initial dose of Effxor XR was 75 mg/day and the maximum dose was 225 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. Although a dose-response relationship for effectiveness in patients with Social Anxiety Disorder was not clearly established in fixed-dose studies, certain 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 in increments of up to 75 mg/day, as needed, and should be made at intervals of not less than 4 days. (See the **Use in Patients with Concomitant Illness** section of **PRECAUTIONS**.)

Switching Patients from Effxor Tablets
 Patients being treated at a therapeutic dose with Effxor may be switched to Effxor XR at the nearest equivalent dose (mg/day), eg, 37.5 mg venlafaxine two-times-a-day to 75 mg Effxor XR once daily. However, individual dosage adjustments may be necessary.

Special Populations
Treatment of Pregnant Women During the Third Trimester
 Neonates exposed to Effxor XR, either SNRIs, or SSRIs, late in the third trimester have developed complications requiring prolonged hospitalization, respiratory support, and tube feeding (see **PRECAUTIONS**). When treating pregnant women with Effxor XR during the third trimester, the physician should carefully consider the potential risks and benefits of treatment. The physician may consider tapering Effxor XR (venlafaxine hydrochloride) extended-release capsules in the third trimester.

Patients with Hepatic Impairment
 Given the decrease in clearance and increase in elimination half-life for both venlafaxine and ODV in normal subjects (see **CLINICAL PHARMACOLOGY**), 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% and that the dose be withheld until the dialysis treatment is completed (4 hrs). Because there was much individual variability in clearance between patients with renal impairment, individualization of dosage may be desirable in some patients.

Patients with Renal Impairment
 Given the decrease in clearance for venlafaxine and the 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 (see **CLINICAL PHARMACOLOGY**), it is recommended that the total daily dose be reduced by 25% to 50%. In patients with end-stage renal disease, it is recommended that the total daily dose be reduced by 50% and that the dose be withheld until the dialysis treatment is completed (4 hrs). Because there was much individual variability in clearance between 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 major depressive disorder, Generalized Anxiety 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.

Maintenance Treatment
 There is no body of evidence available from controlled trials to indicate how long patients with major depressive disorder, Generalized Anxiety Disorder, or Social Anxiety Disorder should be treated with Effxor XR.

It is generally agreed that 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 Effxor XR were assigned randomly to placebo or to the same dose of Effxor XR (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 Effxor XR 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 Effxor XR for periods of up to 52 weeks on the same dose (100 to 200 mg/day, or a 1-d, b.i.d. schedule) (see **Clinical Trials** under **CLINICAL PHARMACOLOGY**). Based on these limited data, it is not known whether or not the dose of Effxor XR 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.

In patients with Generalized Anxiety Disorder, Effxor XR has been shown to be effective in 6-month clinical trials. The need for continuing medication in patients with Social Anxiety Disorder who improve with Effxor XR treatment should be periodically reassessed.

In patients with Social Anxiety Disorder, there are no efficacy data beyond 12 weeks of treatment with Effxor XR. The need for continuing medication in patients with Social Anxiety Disorder who improve with Effxor XR treatment should be periodically reassessed.

Discontinuing Effxor XR
 Symptoms associated with discontinuation of Effxor XR, either SNRIs, and SSRIs, have been reported (see **PRECAUTIONS**). 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 Effxor XR, tapering was achieved by reducing the daily dose by 75 mg at 1-week intervals. Individualization of tapering may be necessary.

Switching Patients To or From a Monoamine Oxidase Inhibitor
 At least 14 days should elapse between discontinuation of an MAOI and initiation of therapy with Effxor XR. In addition, at least 7 days should be allowed after stopping Effxor XR before starting an MAOI (see **CONTRAINDICATIONS** and **WARNINGS**).