

Pregnancy and Pregnancy Category D: See WARNINGS: Usage in Pregnancy. **Teratogenic Effects and Nonteratogenic Effects:** Labor and Delivery: The effect of paroxetine on labor and delivery in humans is unknown.

Nursing Mothers: Like many other drugs, paroxetine is secreted in human milk, and caution should be exercised when paroxetine is administered to a nursing woman.

Pediatric Use: Safety and effectiveness in the pediatric population have not been established (see BOX WARNING and WARNINGS: Clinical Worsening and Suicide Risk). Three placebo-controlled trials in 752 pediatric patients with MDD have been conducted with paroxetine, and the data were not sufficient to support a claim for use in pediatric patients. Anyone considering the use of paroxetine in a child or adolescent must balance the potential risks with the clinical need. Decreased appetite and weight loss have been observed in association with the use of SSRIs. Consequently, regular monitoring of weight and growth should be performed in children and adolescents treated with an SSRI such as paroxetine.

In placebo-controlled clinical trials conducted with pediatric patients, the following adverse events were reported in at least 2% of pediatric patients treated with paroxetine and occurred at a rate at least twice that for pediatric patients receiving placebo: emotional lability (including self-harm, suicidal thoughts, attempted suicide, crying, and mood fluctuations), hostility, decreased appetite, tremor, sweating, hyperkinesia, and agitation.

Events reported upon discontinuation of treatment with paroxetine in the pediatric clinical trials that included a taper phase regimen, which occurred in at least 2% of patients who received paroxetine and which occurred at a rate at least twice that of placebo, were: emotional lability (including suicidal ideation, suicide attempt, mood changes, and anger), nervousness, dizziness, nausea, and abdominal pain (see DOSAGE AND ADMINISTRATION: Discontinuation of Treatment With Paroxetine).

Geriatric Use: SSRIs and SNRIs, including paroxetine, 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).

In worldwide premarketing clinical trials with paroxetine, 17% of patients treated with paroxetine (approximately 700) were 65 years of age or older. Pharmacokinetic studies revealed a decreased clearance in the elderly, and a lower starting dose is recommended; there were, however, no overall differences in the adverse event profile between elderly and younger patients, and effectiveness was similar in younger and older patients (see CLINICAL PHARMACOLOGY and DOSAGE AND ADMINISTRATION).

ADVERSE REACTIONS

Associated With Discontinuation of Treatment: Twenty percent (11,996/145) of patients treated with paroxetine in worldwide clinical trials in major depressive disorder and 16.1% (84,542), 9.4% (44,468), and 10.7% (79,753) of patients treated with paroxetine in worldwide trials in social anxiety disorder, OCD, panic disorder, and GADs respectively, discontinued treatment due to an adverse event. The most common events ($\geq 1\%$) associated with discontinuation and considered to be drug related (i.e., those events associated with dropout at a rate approximately twice or greater for paroxetine compared to placebo) included the following:

	Major Depressive Disorder		OCD		Panic Disorder		Social Anxiety Disorder		Generalized Anxiety Disorder	
	Paroxetine (n=342)	Placebo (n=268)	Paroxetine (n=468)	Placebo (n=324)	Paroxetine (n=425)	Placebo (n=339)	Paroxetine (n=425)	Placebo (n=339)	Paroxetine (n=425)	Placebo (n=339)
CNS										
Somnolence	2.3%	0.7%	-	1.9%	0.3%	3.4%	0.3%	2.0%	0.2%	
Insomnia	-	1.7%	0.0%	1.3%	0.3%	3.1%	0.0%			
Agitation	1.1%	0.5%	-	-	-	-	-	-	-	-
Tremor	1.1%	0.3%	-	-	-	1.7%	0.0%			
Anxiety	-	-	-	1.1%	0.0%	1.1%	0.0%			
Dizziness	-	-	1.5%	0.0%	-	1.9%	0.0%	1.0%	0.2%	
Gastrointestinal										
Constipation	-	1.1%	0.0%	-	-	-	-	-	-	-
Nausea	3.2%	1.1%	0.9%	0.0%	3.2%	1.2%	4.0%	0.3%	2.0%	0.2%
Diarrhea	1.0%	0.3%	-	-	-	-	-	-	-	-
Dry mouth	1.0%	0.3%	-	-	-	-	-	-	-	-
Vomiting	1.0%	0.3%	-	-	-	-	-	-	-	-
Flatulence	-	-	-	-	-	1.0%	0.3%			
Other										
Asthenia	1.6%	0.4%	1.9%	0.4%	-	2.5%	0.8%	1.8%	0.2%	
Abnormal Ec	1.6%	0.0%	2.1%	0.0%	-	4.9%	0.8%	2.5%	0.5%	
Ejaculatory Dist	1.0%	0.3%	-	-	-	1.1%	0.0%	1.1%	0.2%	
Libido Decreased	-	1.5%	0.0%	-	-	-	-	-	-	-
Increased	-	-	-	-	-	1.0%	0.0%			

Where numbers are not provided the incidence of the adverse events in patients treated with paroxetine was not 1% or was not greater than or equal to 2 times the incidence of placebo.

¹ Incidence corrected for gender.

Commonly Observed Adverse Events: **Major Depressive Disorder:** The most commonly observed adverse events associated with the use of paroxetine (incidence of 5% or greater) in clinical trials were: decreased appetite, libido decreased, tremor, abnormal ejaculation, female genital disorders, and impotence.

Social Anxiety Disorder: The most commonly observed adverse events associated with the use of paroxetine (incidence of 5% or greater) in clinical trials were: decreased appetite, dry mouth, nausea, libido decreased, somnolence, tremor, yawning, abnormal ejaculation, female genital disorders, and impotence.

Generalized Anxiety Disorder: The most commonly observed adverse events associated with the use of paroxetine (incidence of 5% or greater) in clinical trials were: decreased appetite, dry mouth, nausea, libido decreased, somnolence, tremor, yawning, and abnormal ejaculation.

Obsessive Compulsive Disorder: The most commonly observed adverse events associated with the use of paroxetine (incidence of 5% or greater) in clinical trials were: decreased appetite, dry mouth, nausea, libido decreased, somnolence, tremor, yawning, and abnormal ejaculation.

Major Depressive Disorder: Table 2 enumerates adverse events that occurred at an incidence of 1% or more among paroxetine-treated patients who participated in short-term (8-week) placebo-controlled trials in which patients were dosed in a range of 20 mg to 50 mg/day. Reported adverse events were classified using a standard COSTART-based Dictionary terminology.

Table 2. Treatment-Emergent Adverse Experience Incidence in Placebo-Controlled Clinical Trials for Major Depressive Disorder*

Body System	Preferred Term	Generalized Anxiety Disorder	
		Paroxetine (n = 421)	Placebo (n = 328)
Body as a Whole	Asthenia	18%	17%
	Headache	15%	14%
	Infection	6%	3%
	Abdominal Pain	-	-
Cardiovascular	Palpitation	3%	1%
	Vasodilation	3%	1%
Dermatologic	Sweating	11%	2%
	Rash	2%	1%
Gastrointestinal	Nausea	26%	9%
	Dry Mouth	18%	12%
	Constipation	14%	9%
	Diarrhea	12%	8%
	Decreased Appetite	6%	2%
	Flatulence	4%	0%
	Oropharynx Disorder ^b	2%	0%
	Dyspepsia	2%	1%
Musculoskeletal	Myopathy	2%	1%
	Myalgia	2%	1%
	Myasthenia	1%	0%
Nervous System	Somnolence	23%	9%
	Dizziness	13%	6%
	Insomnia	13%	6%
	Tremor	8%	2%
	Nervousness	5%	2%
	Anxiety	5%	3%
	Paresthesia	4%	2%
	Libido Decreased	3%	2%
	Drugged Feeling	2%	1%
	Confusion	1%	0%
Respiration	Yawn	4%	0%
Special Senses	Blurred Vision	4%	1%
	Taste Perversion	2%	0%
Urogenital System	Ejaculatory Disturbance ^{c,d}	13%	0%
	Other Male Genital Disorders ^{c,d}	10%	0%
	Urinary Frequency	3%	1%
	Urination Disorder ^f	3%	0%
	Female Genital Disorders ^{c,d}	0%	0%

^a Events reported by at least 1% of patients treated with paroxetine are included, except the following events which had an incidence on placebo > paroxetine: Abdominal pain, agitation, back pain, chest pain, CNS stimulation, fever, increased appetite, mycositis, pharyngitis, postural hypotension, respiratory disorder (includes mostly "cold symptoms" or "URI"), trauma, and vomiting.

^b Includes mostly "lump in throat" and "tightness in throat".

^c Percentage corrected for gender.

^d Mostly "ejaculatory delay".

^e Includes "anorgasmia," "rectile difficulties," "delayed ejaculation/orgasm," and "sexual dysfunction," and "impotence".

^f Includes mostly "difficulty with erection" and "erectile dysfunction".

^g Includes mostly "anorgasmia" and "difficultly reaching climax/orgasm".

Obsessive Compulsive Disorder, Panic Disorder, and Social Anxiety Disorder: Table 3 enumerates adverse events that occurred at a frequency of 2% or more among OCD patients or paroxetine who participated in placebo-controlled trials of 12-week duration in which patients were dosed in a range of 20 mg to 60 mg/day or among patients with panic disorder or paroxetine who participated in placebo-controlled trials of 10- to 12-week duration in which patients were dosed in a range of 10 mg to 60 mg/day or among patients with social anxiety disorder or paroxetine who participated in placebo-controlled trials of 12-week duration in which patients were dosed in a range of 20 mg to 50 mg/day.

Table 3. Treatment-Emergent Adverse Experience Incidence in Placebo-Controlled Clinical Trials for Obsessive Compulsive Disorder, Panic Disorder, and Social Anxiety Disorder*

Body System	Preferred Term	Obsessive Compulsive Disorder		Panic Disorder		Social Anxiety Disorder	
		Paroxetine (n = 542)	Placebo (n = 268)	Paroxetine (n = 468)	Placebo (n = 324)	Paroxetine (n = 425)	Placebo (n = 339)
Body as a Whole	Asthenia	22%	14%	14%	5%	22%	14%
	Abdominal Pain	-	-	4%	3%	-	-
	Chest Pain	3%	2%	-	-	-	-
	Back Pain	-	-	3%	2%	-	-
	Chills	2%	1%	2%	1%	-	-
	Trauma	-	-	-	-	3%	1%
Cardiovascular	Vasodilation	4%	1%	-	-	-	-
	Palpitation	2%	0%	-	-	-	-
Dermatologic	Sweating	3%	2%	14%	6%	9%	2%
	Rash	3%	2%	-	-	-	-
Gastrointestinal	Nausea	23%	10%	23%	17%	25%	7%
	Dry Mouth	18%	9%	18%	11%	9%	3%
	Constipation	10%	9%	9%	5%	5%	2%
	Diarrhea	10%	10%	12%	7%	9%	6%
	Decreased Appetite	9%	3%	7%	3%	8%	2%
	Appetite	-	-	-	-	-	-
	Vomiting	-	-	-	-	4%	2%
	Flatulence	-	-	-	-	4%	2%
	Increased	4%	3%	2%	1%	-	-
	Appetite	-	-	-	-	-	-
	Yawning	-	-	-	-	2%	1%
Musculoskeletal	Myalgia	-	-	-	-	4%	3%
Nervous System	Insomnia	24%	13%	18%	10%	21%	16%
	Somnolence	24%	7%	19%	11%	22%	5%
	Dizziness	12%	6%	14%	10%	11%	7%
	Tremor	11%	1%	9%	1%	9%	1%
	Nervousness	9%	8%	-	-	8%	7%
	Libido Decreased	7%	4%	9%	1%	12%	1%
	Agitation	-	-	5%	4%	3%	1%
	Anxiety	-	-	5%	4%	5%	4%
	Abnormal Dreams	4%	1%	5%	-	-	-
	Concentration	3%	2%	-	-	4%	1%
	Impaired	-	-	-	-	-	-
	Depersonalization	2%	0%	-	-	-	-
	Amnesia	2%	1%	3%	2%	2%	1%
Respiratory System	Rhinitis	-	-	3%	0%	-	-
	Pharyngitis	-	-	-	-	4%	2%
	Yawn	-	-	-	-	5%	1%
Special Senses	Abnormal Vision	4%	2%	-	-	4%	1%
	Taste Perversion	2%	0%	-	-	-	-
Urogenital System	Abnormal Ejaculation ^a	25%	1%	21%	1%	28%	1%
	Dysparemia	-	-	-	-	5%	4%
	Female Genital Disorder ^b	3%	0%	9%	1%	9%	1%
	Disorder ^c	-	-	-	-	-	-
	Impotence ^d	8%	1%	5%	0%	5%	1%
	Urinary	3%	1%	2%	0%	-	-
	Frequency	-	-	-	-	-	-
	Urination	3%	0%	-	-	-	-
	Urinary Tract Infection	2%	1%	2%	1%	-	-

* Events reported by at least 2% of OCD, panic disorder, and social anxiety disorder in patients treated with paroxetine are included, except the following events which had an incidence on placebo > paroxetine: [OCD] Abdominal pain, agitation, anxiety, back pain, cough increased, depression, headache, hyperkinesia, infection, paresthesia, pharyngitis, respiratory disorder, rhinitis, and sinusitis. [panic disorder] Abnormal dreams, abnormal vision, chest pain, cough increased, depersonalization, depression, dysparemia, dyspepsia, dy syndrome, headache, infection, hypotension, nervousness, pallidation, paresthesia, pharyngitis, rash, respiratory disorder, sinusitis, taste perversion, trauma, urination impaired, and vasodilation. [social anxiety disorder] Abdominal pain, depression, headache, infection, respiratory disorder, and sinusitis.

^a Percentage corrected for gender.

^b Generalized Anxiety Disorder: Table 4 enumerates adverse events that occurred at a frequency of 2% or more among GAD patients on paroxetine who participated in placebo-controlled trials of 8-week duration in which patients were dosed in a range of 10 mg/day to 50 mg/day.

Table 4. Treatment-Emergent Adverse Experience Incidence in Placebo-Controlled Clinical Trials for Generalized Anxiety Disorder*

Body System	Preferred Term	Generalized Anxiety Disorder	
		Paroxetine (n = 735)	Placebo (n = 828)
Body as a Whole	Asthenia	14%	6%
	Headache	17%	14%
	Infection	6%	3%
	Abdominal Pain	-	-
Cardiovascular	Vasodilation	3%	1%
Dermatologic	Sweating	6%	2%
Gastrointestinal	Nausea	20%	5%
	Dry Mouth	11%	5%
	Constipation	10%	2%
	Diarrhea	9%	7%
	Decreased Appetite	5%	1%
	Vomiting	3%	2%
	Dyspepsia	2%	-
Nervous System	Insomnia	11%	6%
	Somnolence	15%	5%
	Dizziness	6%	3%
	Tremor	7%	5%
	Nervousness	4%	3%
	Libido Decreased	9%	2%
	Abnormal Dreams	-	-
Respiratory System	Respiratory Disorder	7%	5%
Dermatologic	Sinusitis	4%	3%
	Yawn	4%	-
Special Senses	Abnormal Vision	2%	1%
Urogenital System	Abnormal Ejaculation ^a	25%	2%
	Female Genital Disorder ^b	4%	1%
	Impotence ^c	4%	3%

* Events reported by at least 2% of GAD in patients treated with paroxetine are included, except the following events which had an incidence on placebo > paroxetine (GAD): Abdominal pain, back pain, trauma, dyspepsia, myalgia, and pharyngitis.

^a Percentage corrected for gender.

^b **Dose Dependency of Adverse Events:** A comparison of adverse event rates in a fixed-dose study comparing 10, 20, 30, and 40 mg/day of paroxetine with placebo in the treatment of major depressive disorder revealed a clear dose dependency for some of the more common adverse events associated with use of paroxetine, as shown in Table 5.

Table 5. Treatment-Emergent Adverse Experience Incidence in a Dose-Comparison Trial in the Treatment of Major Depressive Disorder

Body System/Preferred Term	Placebo (n = 51)	Paroxetine			
		10 mg (n = 102)	20 mg (n = 104)	30 mg (n = 101)	40 mg (n = 102)
Body as a Whole					
Asthenia	0.0%	2.9%	10.6%	13.9%	12.7%
Dermatologic					
Sweating	2.0%	1.0%	6.7%	8.9%	11.8%
Gastrointestinal					
Constipation	5.9%	4.9%	7.7%	9.9%	12.7%
Decreased Appetite	2.0%	2.0%	5.8%	4.0%	4.9%
Diarrhea	7.8%	9.8%	19.2%	7.9%	14.7%
Dry Mouth	2.0%	10.8%	18.3%	15.8%	20.6%
Nausea	13.7%	14.2%	26.9%	34.7%	36.3%
Nervous System					
Anxiety	0.0%	2.0%	5.8%	5.9%	5.9%
Dizziness	3.9%	6.9%	6.7%	8.9%	12.7%
Somnolence	7.8%	12.7%	18.3%	20.6%	26.6%
Tremor	0.0%	0.0%	7.7%	7.9%	14.7%
Special Senses					
Blurred Vision	2.0%	2.9%	2.0%	7.8%	
Urogenital System					