

GlaxoSmithKline

May 2006

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IMPORTANT PRESCRIBING INFORMATION

Dear Healthcare Professional:

GlaxoSmithKline (GSK) would like to advise you of important changes to the Clinical Worsening and Suicide Risk subsection of the WARNINGS section in the labels for PAXIL® (paroxetine HCl) and PAXIL CR® (paroxetine HCl Controlled-Release Tablets). These labeling changes relate to your adult patients, particularly those who are younger adults. Please read the full text of the added WARNINGS following this letter. Full copies of the revised package inserts for PAXIL and PAXIL CR are enclosed.

Current prescribing information for paroxetine – and for all other antidepressants – contains information in the WARNINGS section (Clinical Worsening and Suicide Risk subsection) stating that "patients with MDD, both adult and pediatric, may experience worsening of their depression and/or the emergence of suicidal ideation and behavior (suicidality), whether or not they are taking antidepressant medications, and this risk may persist until significant remission occurs."

GSK has recently conducted a new meta-analysis (an addition to numerous prior analyses) of suicidal behavior and ideation in placebo-controlled clinical trials of paroxetine in adult patients with psychiatric disorders including Major Depressive Disorder (MDD), other depression and non-depression disorders (e.g., dysthymia, panic disorder, generalized anxiety disorder, obsessive compulsive disorder). These trials included 8958 patients treated with paroxetine and 5953 with placebo.

Results of this analysis showed a higher frequency of suicidal behavior in young adults (prospectively defined as age 18-24) treated with paroxetine compared with placebo (17/776 [2.19%] versus 5/542 [0.92%]). In the older age groups (25-64 years and \geq 65 years), no such increase was observed. This finding in young adults was not statisticially significant; however, the difference was observed in paroxetine-treated patients with both depressive and non-depressive conditions.

Further, in the analysis of adults with MDD (all ages), the frequency of suicidal behavior was higher in patients treated with paroxetine compared with placebo (11/3455 [0.32%] versus 1/1978 [0.05%]). This difference was statistically significant; however as the absolute number and incidence of events are small, these data should be interpreted with caution. All of the reported events of suicidal behavior in the adult patients with MDD were non-fatal suicide attempts, and the majority of these attempts (8 of 11) were in younger adults aged 18-30. These MDD data suggest that the higher frequency observed in the younger adult population across psychiatric disorders may extend beyond the age of 24.

The possible increase in risk of suicidal behavior in the MDD studies was observed despite substantial evidence for efficacy in the paroxetine-treated patients (compared with placebo) as determined by standardized disease-specific instruments (e.g., Hamilton Depression

Joint Exhibit JX 4 Rating Scale and Montgomery-Asberg Depression Rating Scale for depression). Most patients had an identified social stressor at the time of the event.

It is therefore important that all patients, especially young adults and those who are improving, receive careful monitoring during paroxetine therapy regardless of the condition being treated.

It is difficult to conclude a causal relationship between paroxetine and suicidality due to the small incidence and absolute number of events, the retrospective nature of this meta-analysis, and potential for confounding by the fact that the events of interest are a symptom of the psychiatric illnesses themselves. However, GSK believes it is important to draw your attention to these findings and is voluntarily amending the paroxetine labeling to reflect this new information and to emphasize the importance of careful monitoring of all patients during paroxetine therapy. Please read the full text of the added WARNINGS following this letter. Full copies of the revised package inserts for PAXIL and PAXIL CR are enclosed.

GSK continues to believe that the overall risk:benefit of paroxetine in the treatment of adult patients with MDD and other non-depressive psychiatric disorders remains positive.

PAXIL is indicated for the treatment of major depressive disorder, obsessive-compulsive disorder, panic disorder, social anxiety disorder, generalized anxiety disorder, and posttraumatic stress disorder in adults; PAXIL CR is indicated for the treatment of major depressive disorder, panic disorder, social anxiety disorder, and premenstrual dysphoric disorder in adults.

The medical community can further our understanding of PAXIL and PAXIL CR by reporting adverse events to GlaxoSmithKline at 1-888-825-5249 or to FDA's MedWatch Adverse Event Reporting program online (at www.fda.gov/MedWatch/report.htm), by phone (1-800-FDA-1088), or by returning the postage-paid FDA form 3500 (which may be downloaded from www.fda.gov/MedWatch/getforms.htm) by mail (to MedWatch, 5600 Fishers Lane, Rockville, MD 20852-9787) or fax (1-800-FDA-0178).

GlaxoSmithKline encourages you to familiarize yourself with these revisions to labeling. If you have any questions about the new information, please contact our Customer Response Center at 1-888-825-5249. You can find other useful information related to this issue at gsk.com and to clinical trials involving all other GSK products at our Clinical Trial Registry website (http://ctr.gsk.co.uk/welcome.asp).

Sincerely,

John E. Kraus, MD, PhD

Director, Clinical Development

Clinical Psychiatry- North America

Neurosciences Medicines Development Center

GlaxoSmithKline

PAXIL®

(paroxetine hydrochloride) Tablets and Oral Suspension

Saicidelity in Children and Adolescents

Antidepressants increased the risk of saicidel thinking and behavior (saicidelity) in short-term studies in children
and adolescents with Major Depressive Disorder (MDD) and other psychiatric disorders. Anyone considering the use
of PARL or any other antidepressant in a child or adolescent must belance this risk with the clinical need. Patients
who are started on the apply should be observed closely for clinical versening, suicidelity, or uncursi changes in
behavior, Families and caretyriers should be advised of the need for close observed on and communication with the
prescriber. PARLIL is not approved for use in pediatric patients. (See WARRINGS and PERCAUTONS—Pediatric Use).
Pooled analyses of shart-term (4 to 16 weeks) placebo-controlled trials of 9 antidepressant drugs (SSRIs and others) in children and adolescents with major depressive disorder (MDD), obsessive computate disorder (CDD), or other
sprechatoric disorders (a total of 24 trials involving over 4,400 patients) have revealed a greater risk of adverse events
representing suicided thinking or behavior (suicidelity) during the first few monits of treatment in those receiving
antidepressants. The average risk of such events in patients receiving antidepressants was 4%, twice the placeborisk of 2%. No suicides occurred in these trials.

DESCRIPTION

PAXIL (paroxetine hydrochloride) is an orally administered psychotropic drug. It is the hydrochloride salt of a phonyloperidine compound identified chemically as (-)-hars-4f-(4'-luorophenyl-3S-[3',4'-methylenedioxyphenoxy) methyl piperidine hydrochloride heminylarate and has the emphical formula of (_{2,3}h₂/NO₂+HCl*1/2H₂O. The molecular weight is 374.8 (329.4 as free base). The structural formula of paroxetine hydrochloride is:

Paroxetine hydrochloride is an odoriess, off-white powder, having a metting point range of 120° to 138°C and a solubility of time/mil in water.

Paraxetine hydrochloride is an odoriess, off-white powder, having a mething point range of 120" to 138°C and a solubility of 5.4 mg/ml. in water.

Tablets: Each film-coated bablet contains paraxetine hydrochloride equivalent to paraxetine as follows: 10 mg-yellow (scored); 20 mg-piek (scored); 30 mg-blue, 40 mg-green, loactive ingredients consist of disastic calcium phosphate displayments, magnesium stearate, polyethylene glycols, polysorbate 80, sodium starch glycolsts, itaminotided, and 1 or more of the following: DSC Red No. 30, DSC bellow No. 10, FDSC Bue No. 2, FDSC Yellow No. 6. Suspension for Oral Administrativesse Each 5 m. of orange-cohord, orange-films to rore displayment in the paraxetine, 10 mg, hactive ingredients consist of polaritin polassium, microcrystalline cellulose, propylene glycol, glycom sociatid, methyl parabon, propyl parabon, sodium citrate oflaydrate, citric acid onlydrate, sodium sociatin, flavorings, FDSC Yellow No. 6, and stimethicane emission, USP.

CLINICAL PHARMACOLOGY
Pharmacophymannics: The efficacy of paraxetine in the treatment of major depressive disorder, social anxiety disorder, obses-

CLINICAL PHARMACOLOOY

Pharmacodynamics: The efficacy of paraxetine in the treatment of major depressive disorder, social arxiety disorder, classive computative disorder (CCD), prainic disorder (PD, generalized arriviny disorder (GAD), and posttraumatic steers disorder (PTSD) is presumed to be intend for old sendorancy activity in the central nervous system resulting from inhibition of neuronal resultate of sendoran (5-hydrocy-tryptamine, 5-HT). Studies at clinically relevant doses in humans have demonstrated that parametrie blocks the uptake of sendoran in human polatelets. In vitro studies in animals also suggest that parametries and dopamine neuronal resultate. In vitro residios in animals also suggest that parametries and dopamine neuronal resultate. In vitro residios and inclinance that parametries has little affinite with processing aphata, alpha, batta-advanencie, depamine (D₂), 5-HT₁, 5-HT₂, and histamine (H₂)-neoptors; antagonium of muscarinic, histaminency, and state, act renegic receptors has been associated with various anticholinency, sedative, and cardiovascular effects for other psychotropic drugs.

**Recomments are relative observed in a processing of more major metabolities are at most 1/50 of the oversity compound, they are examined.

Because the relative potencies of paraxetine's major metabolites are at most 1/50 of the parent compound, they are essen

effects for other psychothopic arugs.

Because the relative potencies of perceptive's major metabolites are at most 1/50 of the parent compound, they are essentially inactive.

Pharmacokinetics: Perceptive in the processine is a completely absorbed after and dosing of a solution of the hydrochloride self. The mean elimination hash-life is approximately 21 hours (CV 32%) after and dosing of 30 mg bablets of PAXIL dayly for 30 days. Perceptive is extensively metabolized and the metabolises are considered to be inactive. Nonlinearity in pharmacokinetics is a observed with increasing doses. Parasetire metabolises are considered to be inactive. Nonlinearity in pharmacokinetics is accessived with increasing doses. Parasetire metabolises are considered to be inactive. Nonlinearity in pharmacokinetics is accessed and the metabolises are primarily excreted in the uniter and to some extent in the feces. Thermacokinetic behavior of parasetine has not been evaluated in subjects who are deficient in CT/206 (poor metabolizors).

Absorption and Distributions Parasetire is equally bloevalable from the onal suspension and tablet. Parasetire high processing of a solution of the hydrochristic state completely absorbed after and dosing of a solution of the hydrochristic stall, in a study in which normal male subjects (in = 15) received 30 mg tablets daily for 30 days, steady-state parasetire concentrations were actived by approximately 10 days to most subjects. 28 about 5 after one of the concentrations were actived by approximately 10 days to most subjects. 28 and 6, my characteristic decreases accumulation is a consequence of the fact that in what would be predicted from single-dose studies. Steady-state drug exposure based on ALC, as was about 8 times greater than would have been predicted from single-dose studies. Steady-state drug exposure based on ALC, as was about 8 times greater than would have been predicted from single-dose studies. Steady-state drug exposure based on ALC, as was about 8 times greater than would be predi

hiding of phenythin or wafer far.

Metabolism and Excretion: The mean elimisation hell-file is approximately 21 hours (CV 32%) after or all dosing of 30 mg bablets daily for 30 days of PADL. In steady-state dose proportionally studies involving siderly and noneletrly patients, at doses of 20 mg to 40 mg daily for the elderly and 20 mg to 50 mg daily for the noneleterly, some noneletrly patients, at doses of 20 mg to 40 mg daily for the elderly and 20 mg to 50 mg daily for the noneletrly, some nonelearly values after 10 mg daily were only about 21 to 3 times greater than doubted.

Paroximie to extensively metabolized after or old administration. The principal metabolites are polar and conjugated products of oxidation and methylation, which are readily cleared. Conjugates with glucuronic acid and sulfate predominate, and major metabolizes have no entirely an extensively metabolized and incide that the metabolises were no more than 150 the potency of the parent compound at inhibiting servicionin uptake. The metabolism of paroximies is excomplished in part by CYP206. Saturation of this enzyme in paroximies metabolism also suggests potential drug-drug interaction (see PRECAUTIONS). Approximately 64% of a 30-mg or at schirtion dose of paroximies have served in the time with 24% as the arms of the parent compound and 62% as metabolises over a 10-day post-dosing period. About 36% was excreted in the time with 24% as the arms of the parent compound over the 10-day post-dosing period.

Other Clinical Pharmacology Informations, Specific Paputations: Renal and Liver Diseases Increases plasma concentrations of paroximies and less than 15 as the parent compound over the 10-day post-dosing period. About 36% was excreted in the time with 24% as the parent compound of 62% as metabolists and less than 15% as the parent compound over the 10-day post-dosing period.

Other Clinical Pharmacology Informations, Specific Paputations: Renal and Liver Diseases Increases plasma concentrations of 60 to 60 mL/min, and patients with the page

contrations (ALC, C_{cop}).

The initial desage should therefore be reduced in patients with severe renal or hepatic impairment, and upward titration, if necessary, should be at increased intervals (see DOSAGE AND ADMINISTRATION).

Elderly Patients: in a multiple-dose study in the elderly at daily perceived doses of 20, 30, and 40 mg, C_{cop} concentrations were about 70% to 80% greater than the respective C_{cop} concentrations in nonelderly subjects. Therefore the initial dosage in the elderly should be reduced (see DOSAGE AND ADMINISTRATION).

Drup-Drug interactions: in vitro drug interaction studies reveal that paroxetine inhibits CYP2D6. Clinical drug interaction studies have been performed with substrates of CYP2D6 and show that paroxetine can inhibit the metabolism of drugs metabolized by CYP2D6 including designamine, risperidone, and atomovatine (see PRECAUTIONS—Drug interactions).

olized by CYP206 including despirations, rispersions, and anomalians of the processive disorder has been established in 6 placebo-controlled studies of patients with major depressive disorder (aged 18 to 73), in these studies, PADLL was shown to be significantly horter han placebo in treating major depressive disorder (aged 18 to 73), in these studies, PADLL was shown to be significantly more effective than placebo in treating major depressive disorder by at least 2 of the follow/PADL was shown to be significantly better than placebo in improvement of the HDRS sub-factor scores, including the depressed mood item, sleep disturbance factor, and analysis factor.

A study of outpatients with major depressive disorder who had responded to PADLL (HDRS total score <8) during an initial 8-week open-treatment phase and were then randomized to continuation on PAXIL or placebo for 1 year demonstrated a significantly lawer riskpes rate for patients taking PAXIL (15%) compared to those on placebo (39%). Effectiveness was similar for male and female patients.

Obsessive Computaive Disorder: The effectiveness of PAXIL in the treatment of obsessive computaive disorder (OCD) was

demonstrated in two 12-week multicarter placebo-controlled studies of adult outpolients (Studies 1 and 2). Patients in all studies had moderate to severe OCD (DSM-HR) with mean baseline ratings on the Yale Brown Obsessive Compulsive Scale (YBOCS) total score ranging from 23 to 28. Study 1, a dose-range finding study where petitions were treated with fixed doses of 20, 40, or 80 mg of percenting dig elementarised in all daily doses of percentine 40 and 60 mg are effective in the treatment of OCD. Patients receiving doses of 40 and 60 mg percentine experienced a mean reduction of approximately 65 and 7 points, respectively, on the 90CS total score which was significantly greater than the experienced an enem reduction of approximately 4-point in duction at 20 mg and a 3-point reduction in the placeto-treated patients. Study 2 was a textile-dose study comparing percentine 20 to 60 mg daily) with comprarine (25 mg 25 mg alls). In this study, petients receiving percentine as preferred a mean reduction of approximately 4-points in placeto-firsted patients. The following table provides the outcome classification by treatment group on Gobal improvement items for Computation Study 1.

Outcome Classification (%) on CGI-Global Improvement from for Completers in Study 1					
Outcome Classification	Placebo (n = 74)	PAXIL 20 mg (n = 75)	PAXIL 40 mg (n = 66)	PAXIL 60 mg (n = 66)	
Worse	14%	7%	7%	3%	
No Change	44%	35%	22%	19%	
Minimally Improved	24%	33%	29%	34%	
Much Improved	11%	18%	22%	24%	
Voca Much Improved	7%	714	20%	20%	

Very Much Improved 7% 20%.

Subgroup analyses did not indicate that there were any differences in treatment outcomes as a function of age or gender.

The long-term maintenance effects of PASIL in CCD were demonstrated in a long-term extension to Study 1. Petients who were responders on provocetine during the 3-month double-blind phase and a 8-month extension on spen-label parametric Q1b to 60 mg/dsy) were rendomized to bether persection or placebo in a 8-month extension on spen-label parametric Q1b to 60 mg/dsy) were rendomized to bether persection or placebook blind relapse prevention phase. Petients rendomized to practice of the processing of the processing persection phase and a 8-month extension on spen-label parametric Q1b to 60 mg/dsy). Paric Disporter: The effectiveness of PASIL in the treatment of panic disporter was demonstrated in three 10- to 12-week multicomer, placebo-controlled studies of adult outpatients (Studies 1-3). Patients in all studies had panic floorier (ISM-IR), without very controlled studies of adult outpatients (Studies 1-3). Patients in all studies had panic floorier (ISM-IR), without very label to 10-12 mg/dsy controlled studies of adult outpatients (Studies 1-3). Patients in all studies had panic floorier (ISM-IR), without very label to 10-12 mg/dsy controlled studies of adult outpatients (Studies 1-3). Patients in all studies had panic floorier (ISM-IR), without parametric patients and 10-week doses-range linding study; patients were treated with fixed parametric doses in Studies 1-30, 20, or 40 mg/dsy or placebo. A stynificant difference from placebo was discreved only for the 40 mg/dsy group. At endpoint, 75% of parametric patients were line of panic attacks compared to 32% of placebo-treated patients.

Study 3 was a 12-week flexible-dose study comparing parametric 10 to 80 mg daily) and placebo. At endpoint, 51% of parametric patients is subject to patients.

Study 2 was a 12-week flexible-dose study comparing parametries (10 to 60 mg daily) and placabo. At endpoint, 51% of parametrie patients were free of panic attacks compared to 32% of placeto-treated patients.

Study 3 was a 12-week flexible-dose study comparing parametries (10 to 60 mg daily) to placeto in patients concurrently receiving standardured cognitive behavioral therapy at enopoint, 33% of the parametrie-treated patients showed a reduction to 0 or 1 penic attacks compared to 14% of placebo patients.

In both Studies 2 and 3, the mean parametrie dose for completers at endpoint was approximately 40 mg/day of parametries. Long-term maintenance effects of PAMI, in panic disorder were demonstrated in an extension to Study 1. Patients who were responders during the 10-week double-blind phase and during a 3-month double-blind extension phase were randomized to either parametrie (10, 20, or 40 mg/day) or placebo in a 3-month double-blind relapse prevention phase. Patients anadomized to parametrie (10, 20, or 40 mg/day) or placebo in a 3-month double-blind relapse prevention phase. Patients anadomized to parametrie (10, 20, or 40 mg/day) or placebo in a 3-month double-blind relapse prevention phase. Patients randomized to parametrie (10, 20, or 40 mg/day) or placebo in a service of patients and patients of patients were supplicable to the studies of patients and patients. Patients of patients were supplied to the patients of patients who were randomized to patients were supplied to the patients of patients who were randomized to patients. Patients of patients and patients are patients and patients and patients are patients. Patients and patients are patients and patients and patients are patients. Patients and patients are patients and patients and patients and patients and patients and patients and patients. Patients and patients. Patients were an advantaged to the patients with social analytic (Sauthar) in

Study I was an 8-week study comparing fixed paraxetine closes of 20 mg or 40 mg/day with placebo. Doses of 20 mg or 40 m

ing or PANEL were com demonstrated to de significantly superior to placebo on the Itemition Istuting Scale for Prototy (NAM-A) total score. There was not sufficient evidence in this study to suggest a greater benefit for the 40 mg/day done.

Study 2 was a flexible-done study comparing perceivine (20 mg to 50 mg daily), and placebo. PAXIL demonstrated stalistically significant superior by ever placebo on the Hamilton Risting Scale for Anotely (NAM-A) total score. A third study, also inscible done comparing perceivine (20 mg to 50 mg daily), did not demonstrate statistically significant superiority of PAXIL over placebo on the Hamilton Risting Scale for Anotely (NAM-A) total score, the primary outcome.

Subgroup analyses did not indicate differences in treatment outcomes as a function of race or gender. There were insufficient elderly patients to conduct subgroup analyses on the basin of age.

In a longer-term trial, 566 patients meeting DSM-IV criteria for Generalized Anotely Disorder, who had responded during a single-birind, a-verke outs treatment phase with 20 to 50 mg/day of PAXIL, ever enandomized to continuation of PAXIL at their same done, or to placebo, for up to 24 weeks of observation for relapse. Response during the single-birind phase was defined as an increase of 22 points compared to baseline on the CGI-Severity of liness scale, to a score of 3.3 Replander and the production of the participant of the subgroup of the subgroup of the subgroup of the participant of the subgroup of th

A third study, also a flexible-dose study comparing peroxetine (20 to 50 mg daily) to placebo, demonstrated PAXIL to be significantly superior to placebo on change from baseline for CAPS-2 total score, but not on proportion of responders on the CGH.

The majority of patients in these trials were women (68% women: 377 out of 551 subjects in Study 1 and 66% women: 202 out of 303 subjects in Study 2, Subgroup analyses did not indicate differences in treatment outcomes as a function of gender. There were an insufficient number of polishts who were 65 years and older or were non-Caucasian to conduct subgroup analyses on the basis of age or race, respectively.

INDICATIONS AND USAGE

NOCATIONS AND USAGE

Major Depressive Disorder: PAOL is indicated for the treatment of major depressive disorder.

The efficacy of PAOL is the treatment of a major depressive episode was established in 8-week controlled trials of outpatients whose diagnoses corresponded most closely to the DSM-III calegory of major depressive disorder (see CLNICAL PHARMACOLOGY—Clinical fields). A major depressive episode implies a prominent and relatively persistent depressed or dispendent on the treatment of the following 8 symptoms: Change in appetite, change in steep, psychomotor agitation or retardation, loss of interest in usual criticals or decrease in sexual drive, increased fatigue, teelings of guilt or worthlessness, allowed thinking or impaired concentration, and a suicide attempt or suicidal ideation.

The effects of PAVIL in hospitalized depressed petients have not been adequately studied.

The effects of PAVIL in maintaining a response in major depressive disorder for up to 1 year was demonstrated in a placebo-controlled trial (see CLINICAL PHARMACOLOGY—Clinical Iridais). Nevertheless, the physician who elects to use PAVIL for extended periods should periodically re-evaluate the long-term userhaless of the during for the individual patient.

Obsessive Computive Discorder: PAVIL is indicated for the treatment of obsessions and computations in patients with obsessive computative disorder (OCD) as defined in the DSM-IV. The obsessions or computations whose diagnoses compositive disorder (OCD) as defined in the DSM-IV. The obsessions or computations whose diagnoses corresponded most closely to the DSM-IIR category of obsessive computative disorder (see CLINICAL PHARMACOLOGY—Clinical Irials).

Obsessive computaive disorder is characterized by recurrent and persistent ideas, thoughts, impulses, or images (obsessions) that are ego-dystonic and/or repetitive, purposeful, and intentional behaviors icomputations) that are recomized by the person as

successive or unreasonable.

Long-form maintenance of efficacy was demonstrated in a 6-month celepse prevention trial. In this trial, patients assigned to particular showed a lower relapse rate compared to patients on piacebo (see CLINICAL PHARMACOLOGY—Clinical Trials). Reverthelers, he physician who elects to use PAUI, for entended periods should periodically re-evaluate the long-term userulaness of the drug for the individual patient (see DOSAGE AND ADMINISTRATION).

Panilo Disorden PAUII, is indicated for the treatment of panic disorder, with or without agreephole, as defined in DSM-M. Panic disorder is therefore they by the occurrence of unrepreted panic attacks and associated concern about having additional stocks, worry about the implications or consequences of the attacks, and/or a significant change in behavior related to the attacks.

attacks.

The efficacy of PAVIL was established in three 10- to 12-week trials in panic disorder patients whose diagnoses corresponded to the DSM-HIR category of panic disorder (see CLINICAL PHARMACOLOGY—Clinical finals).

Panic disorder (DSM-M) is characterized by recurrent unexpected panic attacks, i.e., a disorder period of intense feer or discomfort in which 4 (or more) of the following symptoms develop duruptly and recent a peek within 10 minutes. (1) publishions, pounding heart, or accelerated heart rate; (2) sweating; (3) feerbiling or shoking; (4) sensations of shorthess be threath or smothering; (5) lecting of chicking; (6) these pain or discomfort; (7) nusees or abdomined distress; (6) lecting distructions; and gray, unsteady, lighthreaded, or trait; (9) derestization fleelings of unreality) or dependent particles of the district of the control of the co

usefulness of the drug for the individual patient. Social Amothy disorder, also known as social phobia, as defined in DSM-M (S00.23). Social existly listed respectively. It is indicated for the treatment of social anxiety disorder, also known as social phobia, as defined in DSM-M (S00.23). Social existly disorder is characterized by a marked and pensistent feer of 1 or more social or performance situations in which the person is expected to unhamistic people of 16 possible scruliny by others. Sposure to the leaved situations in which the person is expected to unhamistic people of a panic attack. The feered sharbons are evoluted or endured with intense existly or distress. The evolutions, exclose anticipation, or distress in the feered sharbons are evoluted or endured with intense existly or distress. The evolutions, exclose anticipation, or distress in the feered sharbonships of them is marked distress about having the phobias. Lesser degrees of performance arcsety or shyness generally do not require psycholeram accolorial treatment.

croprernacological treatment.

The efficacy of PAXIL was established in three 12-week triefs in adult patients with social articly disorder (DSN-M), PAXIL has not been studied in châdren or adolescents with social phobis (see CLINCAL PHARIMACOLOGY—Clinical Irisels).

The effectiveness of PAXIL in burg-term treatment of social articlety disorder, i.e., for more than 12 weeks, has not been system-stically evaluated in adequate and well-controlled trials. Therefore, the physician who elects to prescribe PAXIL for extended periods should periodically re-evaluate the long-term usefulness of the drug for the individual patient (see DOSAGE AND ADMINISTRATION).

Analized Anxiety Disorder: PAXI. Is indicated for the treatment of Generalized Anxiety Disorder (GAD), as defined in DSM-N ty or leaston associated with the stress of everyday life usually does not require treatment with an anxietytic. The efficacy of PAXII. in the treatment of GAD was established in two 8-week placebo-controlled trials in adults with GAD. has not been studied in children or adolescents with Generalized Anxiety Disorder (see CLINICAL PHARMACOLOGY—

Generalized Arciety Disorder (DSM-M) is characterized by excessive anxiety and worry (apprehensive expectation) that sixtent for at least 6 months and which the person finds difficult to control. It must be associated with at least 3 of the 1 ing 6 sympotoms: Restlessness or feeling keyed up or on edge, being easily fatigued, difficulty concentrating or mind going in tability, muscle tension, steep disturbance.

The efficacy of PAOL is maintaining a response in patients with Generalized Anxiety Disorder, who responsed du week acute treatment phase while taking PAOL and were then observed for relepse during a period of up to 24 w demonstrated in a placebo-controlled visit (see C. HIKCAL PHARMACOLOGY—Chinical Triss). Nevertheless, the physicists to use PAOL for extended periods should periodically re-evaluate the long-term usefulness of the drug for the all patient (see OCSAGE AND ADMINISTRATION).

al patient (see DOSAGE AND ADMINISTRATION).

Posttraumatic Stress Disorder (PTSD).

The efficacy of PXXL in the treatment of PTSD was established in two 12-week placebo-controlled trials in adults with PTSD (DSM-N) (see CLINICAL PHARMACOLOGY—Chinical Iridals).

PTSD, as defined by DSM-Ry requires exposure to a traumatic event that involves intense fear, helplessness, or horror. Symptoms that occur as a nest of exposure to the travallet event include respectation, or the event in the form of inhusher highly, flashbacks, or dreams, and intense psychological distress and physiological reactivity on exposure to cuse to the event; avoid error include respectation, of the event in the response respectation of the travallet response response to cuse to the event; avoidance of shadons or dreams, and intense psychological distress and physiological reactivity on exposure to cuse to the event; avoidance of shadons eminiscent of the travalent exposurement from others, restricted range of affect, or sense of to enhancement shadon, and intense in significant activities, extrangement from others, restricted range of affect, or sense of to enhancement for station, and introduction activities in significant activities, extrangement from others, restricted range of affect, or sense of to reshardened future, and symptoms of autonomic accused including hyperviglance, exaggerated staff the response, step disturbance, impated concentration, and introduction account in the processor of the response of the processor of functioning.

The efficacy of PXXL in the other processor impairment in social, occupational, or other important areas of functioning.

The efficacy of PAXIL in longer-term treatment of PTSD, i.e., for more than 12 weeks, has not been systematically evaluated in placebo-controlled trials. Therefore, the physician who elects to prescribe PAXIL for extended periods should periodically re-evaluate this long-term usefulness of the drug for the individual patient (see DOSAGE AND ADMINISTRATION).

CONTRAINDIGATIONS

Concomitant use in patients taking either monoamine oxidase inhibitors (MADIs) or thioridazine is contraindicated (see WARN NGS and PRECAUTIONS).

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Concentration use in patients taking pimozide is contraindicated (see PRECAUTIONS).

PAOL is contraindicated in patients with a hypersensitivity to paroxetine or any of the inactive ingredients in PAXIL.

PADL is contraindicated in patients with a hypersensitivity to percentire or any of the inactive ingredients in PAXIL.

WARNINGS

Clinical Worsening and Suicide Risk: Patients with major depressive disorder (MDD), both adult and pedietric, 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 being antidepressant medications, and this risk may perset until significant remission occurs. There has been a bong-standing concern that ordisopressants may have a role in inducing worsening of depression and the emergence of suicidality in certain patients. Antidepressants in orased the risk of suicidal miniting and behavior (suicidality) in thori-term studies in children and adobsticants with NBQD. OCD, or other psychiatric disorders in trials of 39 antidepressant drugs (SSRb and others) in children and adobsticants with MDQD. OD, or other psychiatric disorders is total of 24 trials snowling over 4,400 patients) have revealed a greater risk of olderse events representing suicide behavior or thinking (suicidifyl) during the first few months of treatment in those receiving antidepressants. The awarge risk of such events in patients necessing antidepressants. The awarge risk of such events in patients necessing antidepressants. The awarge risk of such events in patients necessing antidepressants and provide the suicidality was most consistently deserved in the MDD rate, but here were signaled or take studied. The risk of suicidality was most consistently deserved in the MDD rate, but here were signaled or this consistent studied. The risk of suicidality was most consistently disk in pediatric patients effects to large-term use, i.e., beyond several morthic disclaions (obsessive computive disorder and social arakely disorder) as well. No suicides occurred in any of these trials, it is unknown that the suicident patients developed by the risk of suicidents of the patients developed by the risk of suicidents of

the age of 24. In addition, patients with a history of saicidal behavior or thoughts, those patients exhibiting a significant degree of saicidal ideation prior to commissionment of treatment, and young adults, are at an increased risk of saicidal thoughts or suicidal attempts, and should receive careful monitoring during treatment. The following symptoms, arriskly agitation, panic attacks, hasomals, intability, hoptility, aggressiveness, imputsivity, additisia (psychomotor restlesaness), hypomania, and manic, have been reported in adult and pediatric polients 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 suck symptoms and either the worsening of depression and/or the emergence of suickidal 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 regiment, 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, about 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 PRECAUTIONS and DOSAGE AND ADMINISTRATION—

Discontinuation of Treatment With PAXIL, for a description of the risks of discontinuation of PAXIL).

Discontinuation of Treatment With PAXIL, for a description of the risks of discontinuation of PAXIL.

Families and carregivers of pediatric patients being treated with ambidepressants for major depressive disorder or other Indications, both specialists and enopsychiatric, should be dietral about the need to moritor pedients for the empreyment of agitation, inritability consumated charges in behavior, and the other symptoms described above, as well as the empreyment of agitation, inritability consumed charges in behavior, and the other symptoms described above, as well as the empreyment of agitation, inritability consumed charges to behavior, and the other symptoms described above, as well as the empreyment of agitation, inritability consumed the other symptoms described above, as well as the empreyment of activities of the providers. Such more than a sensitivity of the providers of the other and the consistent with good potent management, in order to reduce the risk of overdose. Families and congisers of adults being treated for depressions should be similarly advised. Sometime, and the providers of the similar depression of the providers of the similar depressions of the similar depression. It is perfectly believed (flowigh not exhibitable) in controlled bities) that the testing such an explorer sent above represent such a convention in unknown, thosework, prior to historial providers, with an antidipression, and the depressive symptoms should be adequately sometime for the providers of the similar providers, and depression. It should be noted that PAXIL, is not approved for use in treating bipotal depression.

Potential for interaction With Monacomine Oxidese inhibitor (MADI), there have been reports of serious, sometimes falls, reactions including hyperthermia, rigidity, mycolonus, autonomic instability with possible rapid fluctuations of vital signs, and mental status otherwise that indicate extreme against operations of the control of the control of the patients who have recently discontinued that drug and

An in vivo study expects that drugs which inhibit CYP2D6, such as paraxetine, will slevets plasme levels of thioridatine. Therefore, it is recommended that paraxetine not be used in combination with thioridazine (see CONTRAINDICATIONS and PRECAUTIONS).

herritors, it is recommended that paracetine not be used in combination with thiolidazine (see COMTADING).

Usage in Pregnancy: Transoperic Effects: Epidemiological studies have shown that infants born to women who had first brinester persectine exposure had an increased risk of cardiovascular malformations, primarly verticular and attil special defects range from those that are symptomatic and may require surpery to those that are exposure had an increased risk of cardiovascular malformations, primarly verticular and attil special defects mapped from those that are symptomatic and may receive surpery to those that are exposured to the visus. Usines the benefits of persecution, and the surpery to those that are exposured in the visus these the benefits of persecution in mother justific continuing hardward, consideration and be given to either discontinuing paracetine through the surpery to the visus them to either discontinuing paracetine through the surpery to the visus the visus of the visus the surpery to the total to be come pregnant or are in their first himself or pregnancy, paracetine should only be initiated after consideration of the other available treatment options.

A study based on Swedish national registry data evaluated intents of 6,996 women exposed to entities pregnancy had an increased risk of or disconstruit malformations (primarly NSOs and ASOs) compared to the enther registry population. (RG 18, 995) confidence intent of 1,1-28, The rate of cardiovascular malformations (primarly NSOs and ASOs) compared to the enther registry population. Among the same paracetine exposed hirans, on examination of the data showed no horsees in the overall risk for congenital malformations from the exposed hirans, on examination of the data showed no horsees in the overall risk for congenital malformations longitude and the visual production of the cardiovascular malformations belowing its timester exposure was 1,5 to prove the risk of the cardiovascular malformations belowing 11st timester deposition was 1,5

determined. The cause of these deaths is not known.

Monteratogenic Effects Neonates exposed to PAXIL and other SSRts or serotomin and norepinephrine reuptates inhibitors (SNRts), 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 delivers, cyranosis, agrices, settiness, temperature instability, leading disfluctly, vondings, physophycamia, hypothosis, hypothosis,

arome (see WARNICS—Potential for Inforaction With Monoamine Codase Inhibitors).

Infraris exposed to SSRs in table pregnancy may have an increased risk for persistent pulmonary hypertansion of the newborn (PPHN). PPHI is especiated with substantial neonatal morbidity and mortality, in a case-control study of 377 women whose infants were born whether the first for developing PPHI was approximately stindly higher for infants exposed to SSRs after the 20th week of gestation compared to infants who had not been exposed to articlepressants during pregnancy. PPHI occurs in 1 – 2 per 1,000 live birther in the general population.

sams curring pregramey. Print occurs in 1 — 2 per 1,000 live britte in the general population.

There have also been postmarketing reports of premature british in progressive women exposed to percently consider both the print is the progressive which is progressive through consider both the prising a program woman with paroxetine during the third frimester, the physician should note that in a prospective longity study of 201 women with a history of major depression who were sufflying at the beginning of pregnancy, were more likely to experience a relapse of major depression then womer continued artificipressant medication during pregnancy were more likely to experience as relapse of major depression then womer continued artificipressant medication.

PRECAUTIONS

Processor runs

General: Activation of Mania/Hypomania: During premarkating testing, hypomania or mania occurred in approximately 1,0% of unipolar petients treated with PAXL compared to 1,1% of active-control and 0,3% of placebo-treated unipolar patients. In a subset of patients classified as abjobal, the rate of mania episcose was 2,2% for PAXIL and 1,3% for the control proximal active-control groups. As with all drugs effective in the treatment of major depressive disorder, PAXIL should be used causiously in patients.

with a history of mania.

Seizures: During premarketing teeting, seizures occurred in 0.1% of patients treated with PAXIL, a rate similar to that associated with other drugs effective in the treatment of major depressive disorder. PAXIL should be used cautiously in petients with a history of seizures. It should be discontinued in any patient who develops seizures.

Biscontinuation of Treatment BBTh PAXIL. Recent clinical trials involved indicated indicated in 6AD and PTSD clinical trials involved an incremental decrease in the daily does by 10 mg/day at weekly intervals. When a daily does of 20 mg/day was reached, patients were continued on this does for 1 week before treatment was stopped. With this regimen in those studies, the following observe events were reported or to retain the owner of the daily does by 10 mg/day at weekly intervals. When a daily does of 20 mg/day was reached, patients were continued on this does for 1 week before treatment was stopped. With this regimen in those studies, the following observe events were reported of an incidence of 2% or greater for PAXIL and were at least twice that reported for placeto: Atmormal dreams, poresthesis, and dizziness. In the major by of patients, these events were reported of the middle of the discontinuation of these drugs (particularly when atruzp), including the transfer of the discontinuation of these drugs (particularly when atruzp), including the transfer of the discontinuation of these drugs (particularly when atruzp), including the interval power response of advance service occurring, upon the discontinuation of these drugs (particularly when atruzp), including the interval power of the power power of surfaces, because of scontinuation symptoms.

Patients to take the property for these events are generally self-limiting, there have been reports of scricus discontinuation in the more property for these events are generally self-limiting, there have been reports of scricus discontinuation in the more property for these events are generally self-lim

uation symptoms.

Patients should be monitored for these symptoms when discontinuing treatment with PAXIL. A gradual reduction in the dose rather than abrupt consistion is recommended whenever possible. If intolerable symptoms occur following a decrease in the dose or upon discontinuation of treatment, then resuming the previously prescribed dose may be considered. Subsequently, the physician may continue decreasing the dose but at a more gradual rate (see DOSAGE AND ADMINISTRATION).

See also PRECAUTIONS—Pediatric Use, for adverse events reported upon discontinuation of treatment with PAXIL in podiatric discourse.

Attaihista: The use of paraxetine or other SSRIb has been associated with the development of akathista, which is characterized by an inner sense of restisences and psychemotor oglistion such as an inability to all or stand still usually associated with sub-citive distinss. This is most likely to occur within the that few weeks of treatment.

**Myponatremia: Several cases of improvatremia have been reported. The hyponatremia appeared to be reversible when PAXIL, as discontinual. The major by of these occurrences have been in elderly individuals, some in palarita taking districts or who were otherwise volume depleted.

were otherwise volume depleted.

Sendonin's Syndrome: The development of a sendonin syndrome may occur in association with treatment with perceptine, particularly with concomitant use of sendoningic drugs and with drugs which may have impaired metabolism of perceptine, particularly with concomitant use of sendoningic drugs and with drugs which may have impaired metabolism of perceptine. Symptoms have include agitation, confusion, dispotences in patients, hyperreflexis, myoclorus, shivering, lactrycardis, and tremor. The concomitant use of PAXII, with serotonin precursors (such as tryptophan) is not recommended we MARINGS—
Potential for interaction with Monoamine Oxidose inhibitors and PRECAUTIONS—Over Interactions).

Alternated Bleading: Published case reports have documented the occurrence of bleeding pisodes in potients treated with psychotropic agents that interfer with serotonin respitate. Subsequent epidemiological studies, both of the case-control and chord design, have demonstrated on association between use of psychotropic drugs that interfer with serotonin respitate and the occurrence of upper gastrointestinal bleeding. In 2 studies, concurrent use of a nonsteroidal anti-inflammatory drug (NSAID)

print potentisated the rick of bleeding (see Drug Interactions). Although these studies focused on uppor gastrointestinal ing, there is reason to believe that bleeding at other sites may be similarly potentiated. Patients should be contoned drig the rick of bleeding associated with the concomitant use of paraxetine with NSAIDs, aspirin, or other drugs that affect

Vies in Patients With Concomitant illness: Clinical experience with PAXIL in petients with certain concomitant system ess is limited. Caution is advisable in using PAXIL in patients with diseases or conditions that could affect metabolism or to

namic responses. Is with other SSRs, mydricais has been intrequently reported in premarketing studies with PAXIL. A few cases of acute angle sure graucoma associated with parocerine therapy have been reported in the literature. As mydricsis can cause acute angle sure in patients with narrow angle glaucoma, caution should be used when PAXIL is prescribed for patients with narrow angle

glaucoma.

PAXII, has not been evaluated or used to any appreciable extent in patients with a recent history of myocardial infarction or unstable heart disease. Patients with these diagnoses were excluded from clinical studies during the product's premarket testing. Evaluation of electrocardiograms of 682 patients who received PAXII, in double-blind, placebo-controlled trials, however, did not indicate that PAXIII, is associated with the development of significant ECS abnormalities. Similarly, PAXII, does not cause any clinically important changes in heart rate or blood pressure.

not indicate that PAXIL is associated with the development of significant EGs abnormalities. Similarly, PAXIL does not cause any clinically important changes in heart rate or blood pressure.

Increased glosma concentrations of pracetive cour in potients with severe renal impolment (creativine charance <50 mil/min.) or severe hapitic impairment. A lower starting does should be used in such patients (see DOSAGE AND ADMINISTRATION), Information for Patients. Prescribers or other health professionals should intern polents, their tamilies, and their caregivers about the benefits and risks associated with realment with PAXIL and should counsel frem in its appropriate use. A pollent Medication Guide About Using Individences and Teenagers is available for PAXIL. The prescriber is neathy professional should instruct potents, their families, and their caregivers to read the Medication Guide and should causid item in understanding its contents. Patients should be given the opportunity to decuse the contents of the Medication Guide and should causid item in understanding its contents. Patients should be given the opportunity to decuse the contents of the Medication Guide and to obtain arrowers to any questions they may have. The complete test of the Medication Guide is reprinted at the end of his document.

Information from clinical trials has suggested that young adults, particularly those with depression, may be of an increased risk of succided behavior (rechaining succide attempts) when treated with PAXIII. The majorly of altermyted succides in clinical trials in depression irredved patients aged 18-30 years.

Patients should be advised of the following issues and asked to alert their prescriber if these occur while taking PAXIL.

Clinical Warsening and Suicide Risks: Patients, their families, and their caregivers should be encuraged to be alert to the emergence of auxiety, gattaching, particularly the stiffs, aggressionerses, impulsivity, adultising popularity, adulting antidepression patient to the patient's presentin

ner ability to enjoye in such activities.

Completing Course of Therapy: While patients may notice improvement with treatment with PAXIL in 1 to 4 weeks, they should be advised to continue therapy as directed.

Concountant Medication: Paleints should be advised to inform their physician if they are taking, or plan to take, any pre-scription or over-the-counter drugs, since there is a potential for interactions.

Alcohold: Michaejh PAXIL has not been shown to increase the imperiment of mental and motor skills caused by alcohol, patients should be advised to avoid alcohol while taking PAXIL.

Becomes and the patients that the advised to explicit and the patients are the imperiment of mental and motor skills caused by alcohol, patients should be advised to avoid alcohol while taking PAXIL.

patients should be advised to avoid accross while taking PANL.

Programmy: Patients should be advised to notify their physician if they become pregnant or intend to become pregnant during therapy (see WARNINGS—Wage in Programby, Teratogonic and Nonteraboperic Effects).

Ministry Patients should be advised to notify their physician if they are breast-feeding an intent (see PRECAUTIONS—Nitrising Notices).

Mothers).

Laboratory Tests: There are no specific laboratory tests recommended.

Drug Interactions: Tryptaphar: As with ofter serotonin reuptake inhibitors, an interaction between paraxetine and tryptophan may occur when they are coataministered. Abores experiences, consisting primarily of headache, nauses, sweating, and dizzinosa, have been reported when tryptophan was administered to patients taking PAXIL. Consequently, concomitant use of PAXIL with tryptophan is not recommended (see Serotonin Syndromy).

Monoardine Oxidase hubbitors: See CONTRAINDICATIONS and WARNINGS.

Pineaside in a controlled study of healthy volunteers, after PAXIL was thrated to 60 mg daily, co-administration of a single dose of 2 mg pimozde was associated with mean increases in primozde AXC of 151% and C_{Ne} of 62%, compared to pimozde administered alone. Due to the narrow therapoutic index of pimozde and its known ability to proking the QT interval, concentant use of pimozde and PAXIL is contrahicated (see COMTRANDICATIONS).

Servicionargio Drugas: Based on the mechanism of action of paractine and the potential for serotonin syndrome, caution is advised when PAXIL is coadministered with other drugs or agents that may affect the serotonergic neurotransmitter systems, such as tryptophan, triptans, serotonin requitake inhibitors, line zolid (an antibiotic which is a reversible non-selective MAOI), ifthi-um, tramadol, or St. John's Word (see Serotonin Syndrome).

See CONTRAINDICATIONS and WARNINGS.

for Preliminary data suggest that there may be a pharmacodynamic interaction (that causes an increased bleeding in the face of unlatered profrombin time) between parsectine and warfarin. Since there is little dinicial experience, mitant administration of PAUL and warfarin should be undertaken with causion (see *Durgo That Interface With* the conc

Trip teas: There have been rare postmarketing reports describing patients with weakness, hyperrelievia, and incoordination following the use of a selective serotonin reuptake inhibitor (SSRI) and sumartician. It concomitant treatment with a triptan and an SSRI (e.g., fluorethre, fluoreamine, paroxetine, sertraline) is clinically warranted, appropriate observation of the patient is advised (see Serotonin Syndrome).

advised (see Serotonin Syndrome). Drugs Alfection Syndrome). Bruss Alfection shaped the Metabolism: The metabolism and pharmacokinetics of perception of perception of drug-metabolism enzymes. Climatidiner (300 mg three times daily) for the final week. Therefore, when these drugs are administration with oral climatidiner (300 mg three times daily) for the final week. Therefore, when these drugs are administration of the Climatidiner Climatidiner Climatidiner Climatidiner Climatidiner Climatidiner Syndromy Climatidiner Climatidiner Syndromy Climatidiner Syndromy

coadministration with oral cinetidine (300 mg three times daily) for the linal week. Therefore, when these drugs are administrated concurrently, desage objectiment of PAXIL effect in 2014, and the second process of the concurrent of the concurrently, desage objectiment of PAXIL effect in 2014. The concurrent of the c

However, due to the risk of serious ventricular antitythmias and sudden death potentially associated with elevated plasma levels of thioridazine, paraxetine and thioridazine should not be coadministered (see CONTRAINDICATIONS and WARNINGS).

when the CYP2D6 pathway is essentially saturated, paroxetine clearance is governed by alternative $P_{\nu so}$ (e CYP2D6, show no evidence of saturation (see PRECALTIONS—*Tricyclic Antidepressants*).

At study state, when the CYPZDE pathway is essentially saturated, paroxetine clearance is governed by alternative Proposition you will be CYPZDE, show no evidence of saturation spee PRECALTIONS—"frict/cite Antidepression study involving the coadministration under steady-state contitions to provide in a feet-section of particular and particular particular pathways and provide in a study involving the coadministration under strengther pharmacokiretics. In addition, in vitro studies have shown betoconcatole, a potent inhibitor of CYPZAA activity, to be at least 100 times more potent than paroxetine as an inhibitor of the metabolism of several authorities for this engree, indige terferance, attentiole, chaptide, biszolam, and cyclosporine. Based on the assumption that the relationship between paroxetine's state in size, at the sate of effect on their materials in vitro clearance predicts the affect on other CYPZAA substrates, paroxetine's extent of thibition of CYPZAA activity is not likely to be of clinical significance.

Tricyclic Antidepressants (TCAs): Costion is indicated in the coadministration of tricyclic antidepressants (TCAs): Costion is indicated in the coadministration of tricyclic antidepressants (TCAs): and the doze of TCA may need to be reduced, if a TCA is coadministrated with PAXII. (see PRECALTIONS—Drogs Metabolized by Cytochrome CYPZDA).

Truss Highty Bound to Plasma Protein: Because paraxetine is highly bound to plasma protein, administration of PAOL to patient taking another drug that is highly protein bound may cause increased free concentrations of the other drug, potent patient taking another drug that is highly protein bound may cause increased free concentrations of the other drug, potent patients. Commission of the protein protein protein protein protein protein by other highly bound to protein p

Drugs The! Interfere With Hemostasis (NSAIDs, Aspirin, Warfarin, etc.): Servicin release by platelets playe an important role in hemostasis. Epidemiological studies of the case-control and colonid design that have demonstrated an association between use of psychotropic drugs that interfore with seroton in reuptake and the occurrence of upper gestrointestinal bleeding have also shown that concurrent use of an ISAID or aspirin potentised the risk of bleeding. Thus, patients should be cautioned about the use of such drugs co

are of such drugs concurrently with parametrine.

All cohort Although PAOL does not increase the impairment of mental and motor skills caused by alcohol, patients should be skilled to avoid alcohol while taking PAXIL.

Lithium A multiple-dose study has shown that there is no pharmacokinetic interaction between PAXIL and kithium carbonate, lowever, due to the potential for sentionin syndrome, caution is advised when PAXIL is coadministered with lithium.

Disposit: The steady-state pharmacokinetics of parametrie was not altered when administered with dispoint at steady state. When disposit ALC at steady state decreased by 15% in the presence of parametries. Since there is little clinical experience, the concurrent administration of parametries and disposit should be undertaken with caution.

Disarpasar: Under steady-state conditions, disarpport does not appear to affect parametrie kinetics. The effects of parametries in disapparametre not enabulated.

Proceedings Daily organisation of PAXIC fift me none affect parametric state.

on diszepam were not evaluated.

Procyclidine: Daily oral dosing of PAXIL (30 mg once daily) increased steady-state AUC_{T-N}, C_m, and C_m, values of procyclidine (5 mg oral once daily) by 35%, 37%, and 57%, respectively, compared to procyclidine alone at steady state. Ill enticholinergic effects are seen, the dose of procyclidine should be reduced.

Beta-Blockers: In a study where programoid (30 mg twice daily) was dosed orally for 18 days, the established steady-state plasma concentrations of propranoid were unaltered during coadministration with PAXIL (30 mg once daily) for the final 10 days. The effects of programoid of procycline have not been evaluated (see ADVERSE RACTIONS—Postmarking Reports).

Theophylline: Reports of elevated theochylline levels associated with treatment with PAXIL, have been reported. White this interaction has not been formally studied, it is recommended that theophylline levels be maniformed when these drugs are concerning and ministered.

Fostengremani/filtrioner/in: Co-administration of fostengremani/filtrioner/in: the studies of processine, Any dose and subministration.

Fosemprener/r/fittenevir: Co-administration of fosemprenevir/ritonevir with paraxetine significantly decrease a of paraxetine. Any dose adjustment should be guided by clinical effect (blerability and efficacy). Electroconvulsive Therapy (ECT): There are no clinical studies of the combined use of ECT and PAXIL.

Bectroconnulsive Therapy (ECT): There are no clinical studies of the combined use of ECT and PAXIL.

Carcinogenesis, Mutagenesis, impairment of Fortility: Carcinogenesis: Two-year carcinogenicity studies were conducted in rodents given paracetries in the det at 1,5, and 25 mg/kg/day (mice) and 1,5, and 20 mg/kg/day (mice) and 1,5 and 20 mg/kg/day (mice) and 2,5 mg/kg/day (mice) and 450 for control, low-, middle-, and high-dose groups, respectively) and a significantly greater number of mice with umors and 450 for control, low-, middle-, and high-dose groups, respectively) and a significantly included the 1,0 mg/kg/day (mice) and 450 for control, low-, middle-, and high-dose groups, respectively) and a significantly and 1,0 mg/kg/day (mice) and 1,0 mg/kg/d

Pregnancy: Pregnancy Category D. See WARNINGS—Usage in Pregnancy: Teratogonic and Nontratogonic Effects.

Labor and Delivery: The effect of parasetine on labor and delivery in humans is unknown.

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

registered to a nursing women. PACL is alway correct rules, paratetine a secreted in numer mile, and calcular analyce detected on anxing women.

Pediatric User. Sciety and effectiveness in the pediatric population have not been established (see BCX WARNING and WARNING-Clinicid Worstein) and Suicide Risk). Three placebo-controlled trials in 752 pediatric patients with MDD have been conducted with PAXIL, and the data were not sufficient to support a claim for use in pediatric patients. Anyone considering the use of PAXIL in a child or adolescent must balance he potential risks with the clinical need.

In placebo-controlled clinical trials conducted with pediatric patients, the following adverse events were reported in at least 2% of pediatric patients treated with PAXIL and occurred at a rate at least twice that for pediatric patients receiving placebo: monitoral bability (including aid-harm, suicidad thoughts, attempted suicide, crying, and mood fluctuations), hostility, decreased appetite, items, sweeding, hyperkinesia, and aglistion.

Events reported upon discontinuation of treatment with PAXIL in the pediatric clinical risks that included a taper phase regimen, which occurred in at least 2% of patients who received PAXIL and which occurred at a rate at least twice that of placebowers, emotional lability (including suicidad ideation, suicide attempt, mood changes, and stendimens), nervoursess, dizziness, nassea, and addominal pain (see Discontinuation of treatment With PAXIL).

Geniatric User in worldwide premarketing clinical trials with PAXIL. 17% of patients it readed with PAXIL (approximately 700 were secontinuated and effectiveness was similar in younger and older patients) see CLINICAL PHARMACOLOGY and DOSAGE AND ADMINISTRA-TON).

ADVERSE REACTIONS

AND CONTROL PROFIDENCE AND CONTROL OF THE AND CONTR

	Depr	ajor essive order	0	CD	Panic Disorder				Generalized Anxiety Disorder		PTSO	
	PAXIL	Placebo	PAXIL	Placebo	PAXIL	Placebo	PAXIL	Placebo	PAXIL	Placebo	PAXIL	Placebo
CMS Somnolence- Insomnia Agitation Fremor Anxiety Dizziness	2.3% 1.1% 1.1%	0.7% 0.5% 0.3%	1.7%	0%	1.9%	0.3% 0.3%	3.4% 3.1% 1.7% 1.1% 1.9%	0.3% 0% 0%	2.0%	0.2%	2.8%	0.6%
Gastro- Intestinal Constipation Nausea Diarrhea Dry mouth Vomiting Hatulence	3.2% 1.0% 1.0% 1.0%	1.1% 0.3% 0.3% 0.3%	1.1%	0% 0%	3.2%	1.2%	4.0% 1.0%	0.3% 0% 0.3%	2.0%	0.2%	22%	0.6%
Other Asthenia Abnormal ejaculation Sweating Impotence Libido Decreased	1.6% 1.6% 1.0%	0.4% 0% 0.3%	1.9% 2.1% 1.5%	0.4% 0% 0%			2.5% 4.9% 1.1%	0.6% 0.6% 0%	1.8% 2.5% 1.1%	0.2% 0.5% 0.2%	1.6%	0.2%

Where numbers are not provided the incidence of the adverse events in patients treated with PAXIL 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 paramethe (incidence of 5% or greater and incidence for PAXII, at least twice that for placebo, derived from Table 1) were: Althenia, sweeding nausea, decreased appetite, somnolence, dizziness, insomnia, tremor, nervourness, ejaculatory disturbance, and other male gental disorders.

butbarce, and other male gential disorders.

Obsessive Computaive Disorder: The most commonly observed adverse events associated with the use of paroxetine (incidence of 5% or greater and incidence for PAXL at least twice that of placebo, derived from Table 2) were: Naussa, dry mouth, decreased appetite, constipation, duziness, somnolence, tremor, sweating, impotence, and abnormal ejaculation.

Panile Disorder: The most commonly observed adverse events associated with the use of percenter in (incidence of 5% or greater and incidence for PAXIL at least twice that for placebo, derived from Table 2) were: Asthenia, sweating, decreased appetite, libido decreased, evenor, abnormal ejaculation, temale gential disorders, and impotence.

Social Anxiety Disorder: The most commonly observed adverse events associated with the use of paroxetine (incidence of 5% or greater and incidence for PAXIL at least twice that for placebo, derived from Table 2) were: Sweating, nausea, dry mouth, constipation, decreased appetite, somnolence, tremor, libido decreased, youn, abnormal ejaculation, temale genital disorders, and impotence.

Generalized Auxiety Disorder: The most commonly observed adverse events associated with the use of paroxetine (incidence for paroxetine final-

Generalized Auxiety Disorder: The most commonly observed adverse events associated with the use of paroxetine (inci-dence of 5% or greater and incidence for PAXL at least twice that for placebo, derived from Table 3) were: Asthenia, infection. Constitution, decreased appetite, dry mouth, nausea, libido decreased, somnolence, tremor, sweating, and abnormal ejacuits-

non.

Posttraumatic Stress Disorder: The most commonly observed adverse events associated with the use of paroxetine (incidence of 5% or greater and incidence for PAXII, at least twice that for placebo, derived from Table 3) were: Asthenia, sweating, nausea, dry mouth, diarrhea, decreased appetile, somnolence, libido decreased, abnormal ejaculation, female genital disorders,

and impotence.

Inoidence in Controlled Clinical Trials: The prescriber should be aware that the figures in the tables following 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 that prevailed in the clinical trials. Similarly, the otted frequencies cannot be compared with figures obtained from other clinical investigators involving effected treatments, uses, and investigators. The cleed figures, however, do provide the prescribing physician with some boals for estimating the relative contribution of drug and nondrug factors to the side effect incidence rate in the populations studied.

Major Depressive Discorder: Table 1 enumerates adverse events that occurred at an incidence of 1% or more among parce-time-treated patients who patients were dozed in a range of 20 mg to 50 mg/day. Reported adverse events were classified using a standard COSTART-based Dictionary terminology.

Table 1. Treatment-Emergent Adverse Experience Incidence in Placebo-Controlled Clinical Trials for Major Depressive Disorder¹

Body System	Preferred Term	PAXIL (n = 421)	Piacebo (n = 421)
Body as a Whole	Headache	18%	17%
	Asthenia	15%	6%
Cardiovascular	Palpitation	3%	1%
	Vasodilation	3%	1%
Dermatologic	Sweating	11%	2%
	Rash	2%	1%
Gastrointes II nal	Nausea by Mouth Constipation Diarrhea Decreased Appetite Flatulence Oropharynx Obsorder ^a Dyspeps is	26% 18% 14% 12% 6% 4% 2% 2%	9% 12% 9% 8% 2% 2% 0%
Musculosk eletal	Myopathy	2%	1%
	Myagla	2%	1%
	Myasthenia	1%	0%
Nervous System	Somnolence Ouziness Incomnia Tremor Noncouness Anxiety Paresthesia Libido Decreased Drugged Feeling Contusion	23% 13% 8% 5% 5% 4% 3% 2%	9% 6% 6% 2% 3% 3% 0% 1%
Respiration	Yawn	4%	0%
Special Senses	Blurred Vision Taste Perversion	4% 2%	1%
Urogenital System	Ejacutatory Disturbance ^{3,4}	13%	0%
	Other Male Genital Disorders ^{2,5}	10%	0%
	Urinary Frequency	3%	1%
	Urination Oisorder ⁴	3%	0%
	Female Cenital Disorders ^{3,7}	2%	0%

Table 2. Treatment-Emergent Adverse Experience Incidence in Placebo-Controlled Clinical Trials for Obsessive Compulsive Disorder, Panic Disorder, and Social Anxiety Disorder¹

		Obsessive Compulsive Disorder		Panic Disorder		Social Anxiety Disorder	
Body System	Preferred Term	PAXIL (n = 542)	Placebe (n = 265)	PAXIL (n = 469)	Placebo (n = 324)	PAXIL (n = 425)	Placebo (n = 339)
Body as a Whole	Asthenia Abdominal Pain Chest Pain Back Pain Chills Trauma	22% 3% 2%	14%	14% 4% 3% 2%	5% 3% 2% 1%	22%	14%
Cardiovascular	Vasodilation Palpitation	4% 2%	1%	- :		:	- :
Dermatologic	Sweating Rash	9% 3%	3% 2%	14%	6%	9%	2%
Ga strointestinal	hausea Dry Mouth Constipation Diarrhea Decreased Appetite Dyspepsia Flatulence increased Appetite Vorniting	23% 18% 16% 10% 0%	10% 9% 6% 10% 3%	23% 18% 8% 12% 7% -	17% 11% 5% 7% 3% -	25% 5% 5% 9% 8% 4%	7% 3% 2% 6% 2% 2% 2%

Table 2. Treatment-Emergent Adverse Experience Incidence in Placebo-Controlled Clinical Trials for Obsessive Computative Disorder, Panic Disorder, and Social Anxiety Disorder' (continued)

		Obsessive Compulsive Disorder		Panic Disorder		Social Anxiety Disorder	
Body System	Preferred Term	PAXIL (n = 542)	Placebo (n = 265)	PAXIL (n = 469)	Placebo (n = 324)	PAXIL (n = 425)	Placebo (n = 339)
Musculcskeletal	Myalgia	-	-	-	-	4%	3%
Nervous System	Insomnia Somnolence Dizziness Fremor Herrousness Libido Docreased Agitation Anxioty Abnormal Dreams Concentration Impaired Depersoralization Myocionus Amnesia	24% 24% 12% 11% 9% 7% - 4% 3% 3% 3% 3%	13% 7% 6% 1% 8% 4% - - 1% 2% 0% 1%	18% 19% 19% 9% 5% 5% 5%	10% 11% 10% 11% -1% 4% 4%	21 % 22 % 11 % 9 % 8 % 12 % 3 % 5 %	18% 5% 7% 1% 1% 1% 4%
Respiratory System	Rhinitis Pharyngitis Yawn	-	Ē	3%	0%	4% 5%	2%
Special Senses	Abnormal Vision Taste Perversion	4% 2%	2% 0%	=	2	4%	1%
Urogenital System	Abnormal Ejaculationi Oysmenorrhea Female Genital Disorder ²	23%	1%	21%	1%	28% 5% 9%	1% 4% 1%
	Impotence ² Urinary Frequency	8% 3%	0% 1%	5%	0%	5%	1%
	Urination Impaired Urinary Tract	3%	0%	-	-	•	-
	Infection	2%	1%	2%	1%	-	•

I sevents reported by at least 2% of CCD, penic disorder, and social anxiety disorder in patients treated with PAOIL are included, except the following events which had an incidence on placebo 2PAOIL: [CCD]: Abdominal pain, agitation, anxiety, back pain, cough increased, depression, headache, hyperkinesta, infection, paresthesta, pharyngits, respiratory disorder, rhinkis, and airusisis. [panic desorder]: Pchornal deams, abnormal vision, chet pain, cough increased, depression, deserved; Pchornal deams, abnormal vision, these pain, cough increased, depression, paresthesta, pharyngits, respiratory disorder; Pchornal deams, abnormal vision, these pain, cough increased, depression, paresthesta, pharyngits, rash, respiratory disorder, shusuist, taste proversion, treams, unrisolin inpaired, and vasoditation, pocial arxivity disorder; 2P Percentage corrected for gender.

2 Percentage corrected for gender.

Generalized Anxiety Disorder and Posttraumatic Stress Disorder: Table 3 enumerates adverse events that occurred at a frequency of 2% or more among GAD patients on PAOIL, who participated in placebo-controlled lists of 8-weeks duration in which patients were diseated in a range of 10 mg/day to 5 mg/day or emong PTSD patients on PAOIL who participated in placebo-controlled full residents of 12-weeks duration in which patients were diseated in a range of 10 mg/day to 50 mg/day.

Table 3. Treatment-Emergent Adverse Experience Incidence in Placebo-Controlled Clinical Mals for Generalized Auxilety Disorder and Posttraumatic Stress Disorder!

		Generali Dis	zed Anxiety order		natic Stress order
Body System	Preferred Term	PAXIL (n = 735)	Placebo (n = 529)	PAXIL (n = 676)	Piacebo (n = 504)
Body as a Whole	Astheria Headache Infection Abdominal Pain Trauma	14% 17% 6%	6% 14% 3%	12% 5% 4% 6%	455 455 356 556
Cardiovascular	Vasodilation	3%	1%	2%	15
Dermatologic	Sweating	6%	2%	5%	15
Gastrointestinal	Namea Dry Mouth Constipution Diarrhea Decreased Appetite Vomiting Dyspepsia	20% 11% 10% 9% 5% 3%	5% 5% 2% 7% 1% 2%	19% 10% 5% 11% 6% 3%	8% 5% 3% 5% 3% 2% 3%
Hervous System	Insemnia Somnolence Dizziness Tremor Nervousness Lbido Occreased Abnormal Dreams	11% 15% 6% 5% 4% 9%	8% 5% 5% 1% 3% 2%	12% 16% 6% 4% - 5% 3%	11% 5% 5% 1%
Respiratory System	Respiratory Disorder Sinusitio Yawn	7% 4% 4%	5% 3%	- 2%	<1%
Special Senses	Abnormal Vision	2%	1%	3%	1%
Urogenital System	Abnormal Ejaculation ² Female Genital Disorder ² Impotence ²	25% 4% 4%	2% 1% 3%	13% 5% 9%	25 15 15

Events reported by at least 2% of GAD and PTSD in patients treated with PAXII, are included, except the following events which had an inclinence on placebo >PAXII, GAD): Abdominal pain, back pain, trauma, dyspepais, myslyts, and phanyajdis. (PTSD): Back pain, headache, anxiety, depression, nervousness, respiratory disorder, phanyajdis, and shoustis.

Percentage corrocted for gender.

Does Depardency of Adverse Events: A comparison of adverse event rates in a fixed-dose study comparing 10, 20, 30, and 40 mg/day of PAXIL 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 PAXIL, as shown in the following table:

Table 4. Treatment-Emergent Adverse Experience Incidence in a Dose-Comparison Trial in the Treatment of Major

	Placebo		PAXIL		
Body System/Preferred Term	n = 61	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%
Dermatology Sweating	2.0%	1.0%	6.7%	8.9%	11.8%
GastroIntestinal Constipation Decreased Appetite Diarrhea Dry Mouth Nausea	5.9% 2.0% 7.8% 2.0% 13.7%	4.9% 2.0% 9.8% 10.8% 14.7%	7.7% 5.8% 19.2% 18.3% 26.9%	9.9% 4.0% 7.9% 15.8% 34.7%	12.7% 4.9% 14.7% 20.6% 36.3%
Nervous System Anxiety Dizzinoss Nervousness Peresthesis Somnolence Tremor	0.0% 3.9% 0.0% 0.0% 7.8% 0.0%	2.0% 6.9% 5.9% 2.9% 12.7% 0.0%	5.8% 6.7% 5.8% 1.0% 18.3% 7.7%	5.9% 8.9% 4.0% 5.0% 20.8% 7.9%	5.9% 12.7% 2.9% 5.9% 21.6%

Table 4. Treatment-Emergent Adverse Experience Incidence in a Dose-Comparison Trial in the Treatment of Major

	Placebo		PAXIL		
Body System/Preferred Term	n = 51	10 mg n = 102	20 mg n = 104	30 mg n = 101	40 mg n = 102
Special Senses Blurred Vision	2.0%	2.9%	2.9%	20%	7.8%
Urogenital System Abnormal Ejaculation impotence Male Genital Disorders	0.0% 0.0% 0.0%	5.8% 1.9% 3.8%	6.5% 4.3% 8.7%	10.6% 6.4% 6.4%	13.0% 1.9% 3.7%

* Rule for including adverse events in table: incidence at least 5% for 1 of paraxetine groups and ≥ twice the placebo incidence for at least 1 paraxetine group.

for at least 1 paroxietine group.

In a fixed-ose shudy comparing placebo and 20, 40, and 60 mg of PAXIL in the treatment of CCD, there was no clear relationship between adverse events and the dose of PAXIL to which patients were assigned. No new adverse events were observed in the group treated with 60 mg of PAXIL compared to any of the other treatment groups.

In a fixed-obse study comparing placebo and 10, 20, and 40 mg of PAXIL in the treatment of panic disorder, there was no clear relationship between adverse events and the dose of PAXIL to which patients were assigned, except for sathlering, dry mouth, analysis, fibide doscreased, thereor, and abnormal ejecutions. In the installed-goes studies, no new adverse events were observed in patients receiving 60 mg of PAXIL compared to any of the other treatment groups.

In a fixed-dose study comparing placebo and 20, 40, and 60 mg of PAXIL in the treatment of occial anxiety disorder, for most of the adverse events, there was no clear relationship between adverse events and the dose of PAXIL to which patients were assigned.

assigned.

In a fixed-dose study comparing placebo and 20 and 40 mg of PAXIL, in the treatment of generalized arciety disorder, for most of the adverse events, there was no clear relationship between adverse events and the dose of PAXIL to which potients were assigned, except for the blowing adverse events; Asthenia, constipation, and abnormal ejaculation.

In a foxed-dose study comparing placebo and 20 and 40 mg of PAXIL in the treatment of posttraumatic stress disorder, for most of the adverse events, there was no clear relationship between adverse events and the dose of PAXIL to which potients were assigned, except for impotence and abnormal ejaculation.

Adaptation to Certain Adverse Events, Over a 4- to 6-week period, there was evidence of adaptation to some adverse events with continued therapy (e.g., nausea and diszinces), but less to other effects (e.g., dry mouth, somnolonce, and assthenis).

Male and Female Sexual Dystunction BMS SSRIs Athough changes in sexual desire, sexual perionace, and sexual astisfaction often occur as manifestations of a psychiatric disorder, they may also be a consequence of pharmacologic treatment. In particular, some evidence suggests that selective serotonin reuptake inhibitors (SSRis) can cause such untoward sexual experiences.

Reliable estimates of the incidence and severity of untoward experiences involving sexual desire, performance, and satis-laction are difficult to obtain, however, in part because patients and princidens may be reluctant to decause them. Accordingly estimates of the incidence of untoward sexual experience and performance cited in product labeling are likely to underestimate

in placebo-controlled clinical trials involving more than 3,200 patients, the ranges for the reported incidence of sexual side effects in males and females with major depressive disorder, DCD, panic disorder, social arciety disorder, GAD, and PTSD are

le 5. Incidence of Sexual Adverse Events in Controlled Clinical Trials

	PAXIL	Placebo
n (males)	1446	1042
Decreased Libido	6-15%	0-5%
Ejaculatory Disturbance	13-28%	0-2%
Impotence	2-9%	0-3%
n (females)	1822	1340
Decreased Libido	0-9%	0-2%
Orgasmic Disturbence	2-9%	0-1%

There are no adequate and well-controlled studies examining sexual dysfunction with paroxetine treatment.

line treatment has been associated with several cases of prignism. In those cases with a known outcome, patients recovered without sequelas

While it is difficult to know the precise risk of sexual dysfunction associated with the use of SSRIs, physicians should rou-nely inquire about such possible side effects.

While it is difficult to know the precise risk of sexual dysfunction associated with the use of SSRIs, physicians should routerly inquire about such possible risks effects.

Mielight and Vital Sign Changes: Significant weight loss may be an undesirable result of treatment with PAXII, for some patients but, on everage, patients in controlled trials had minimal (about 1 pound) weight loss versus smaller changes on place-board active control. No significant changes in vital signs (exploid and distability processing, pulse and temperature) were observed in patients treated with PAXII. In controlled clinical trials.

EAG Changes: In an analysis of EGs obtained in 662 patients treated with PAXII. and 415 patients treated with placebo in controlled clinical trials, no clinically significant changes were seen in the EGs of either group.

Liver Function Tests: In placebo-cantiolled clinical trials, patients treated with PAXII. exhibited abnormal values on liver function tests at one greater rate than that seen in placebo-treated patients. In particular, the PAXII. versus-placebo comparisons for akadine phosphatase, SG01, SGP1. and blirubin revealed no differences in the percentage of patients with marked abnormalises.

Administrations: In pooled clinical trials of Immediate-release paraxitine hydrochloride, hallucinations were observed in 20 of 9089 patients receiving drug and 4 of 3187 patients receiving placebo.

Other Events Observed During the Premarketing Evaluation of PAXIL: During its premarketing assessment in major depressive disorder, multiple doses of PAXIL were administered to 6,145 patients in phase 2 and 3 studies. The conditions and duration of exposure to PAXIL varied greatly and included (in overlapping categories) open and double-brind studies, uncontrolled and controlled studies, inpatient and outpatient studies, and faved-dose, and threat on studies. During premarketing clinical trials in CCO, penit disorder, social anxiety disorder, generalized anxiety disorder, and position studies. During premarketing clinical trials in CCO, penit disorder, social anxiety disorder, generalized anxiety disorder, and positionamics stress disorder, 542, 469, 522, 735, and 676 patients, respectively, received multiple doses of PAXIL. Unioused events associated with this exposure eventected by clinical investigators using terminology of their own choosing. Onesquently it is not possible to provide a meaningful estimate of the proportion of individuals experiencing adverse events without first grouping similar types of untoward events into a smaller number of stander disce event categories.

In the tabulations that follow, reported adverse events were classified using a standard CCSTART-based Dictionary terminology. The frequencies presented, therefore, represent the proportion of the 9,089 patients exposed to multiple doses of PAXIL who experienced on event of the type cited on at least 1 occasion while receiving PAXIL. All reported events are included except hose already isted in Tables 1 to 3, those reported in thems so general as to be uninformative and those events where a drug cause was remote. It is importable to emphasize that although the events reported occurred during beatment with paroxelline, they was not necessa

Events are further categorized by body system and listed in order of decreasing frequency according to the following definitions: Frequent adverse events are those occurring on 1 or more occasions in at least 1/100 patients (only those not already interest in the tabulated results from placebo controlled thisial appear in this listing); interquent adverse events are those occurring in 1/100 to 1/1,000 patients; rare events are those occurring in fewer than 1/1,000 patients. Events of major clinical importance are also described in the PRECALTIONS exection.

Body as a Minde Infragent Allerian Section. Body as a Minde Infragent Allerian Section, chills, lace edema, malaise, nock pain; /are: Adrenergic syndrome, celluitis, moniliasis, neck rigidity, petvic pain, peritoritis, sepais, ubcer.

Cardiovasculer Systems: Proguent Physerianisen, tachycardia; infraguent Bradycardia, hematema, hypotension, migraine, syncope; rare: Anglina pectoris, arrhythmia nodal, attel fibrillation, bundle branch block, carebral blackhenia, cerebrovascular accident, congestive heart fallare, heart block, low cardioc output, myocardial alleriant; myocardial isobenia; palicy phibblis, put monary embalus, supraventricular extrasystoles, thrombophisbitis, thrombosis, variouse vein, vascular headache, ventricular extrasystoles.

extrasystoles. Digestive System: Inhequent Brusism, colitis, dysphagia, eructation, gastitis, gastroenteritis, gingivitis, glassitis, increased salvation, fiver function lesis abrormal, rectal hemorrhage, utcerative stomatitis, rare: Aphthous stomatitis, bloody diarrhea, butimis, cardiospasm, choleithiasis, duodentis, enteritis, esophagitis, lecal impactions, lecal incontinence, gum hemorrhage, hematemests, hepatitis, lietias etc.s, intestand obstruction, jaundice, melena, mouth utceration, peptic utcer, salivary gland enlargement, sidadentitis, ictomach utcer, stomatitis, tongue discoberation, biogue edema, tooth carles.

Endocrine System Rive: Dubetes mellitus, goder, hyperthyroidism, hypothyroidism, thyroiditis.

Hemic and Lymphatic Systems: infrequent: Anemia, leukopenia, lymphadenopathy, purpura; rare: Abnormal erythrocytes, besophilis, bloeding time increased, eosimphilia, hypochromic anemia, iron deficiency anemia, leukocytosis, lymphadema, atmormal lymphocytes, lymphacytosis, microcytic anemia, monocytosis, normocytic anemia, thrombocytopenia, thrombocytopenia, utrombocytopenia, utrombocytopenia.

cyroperna.
Metabolic and Nutritional: Frequent: Weight gain; intraquent: Edema, peripheral edema, SGOT increased, SGPT increased, inst, weight loss: rare: Akaline phosphalase increased, bilirubinemia, BUII increased, creatinine phosphokinase increased, danydetion, gamma globulina increased, gout, hypercalcenia, hypercholesteremia, hypercyloemia, hypercyloephalamia, hypocyloephalamia, hypocyloephalamia, hypocyloephalamia, hypercyloephalamia, hypercyloephalamia,

ym (v.m.) art cessor. Issaulosikeletal System: Frequent: Arthralgis; *infrequent:* Arthribis, arthrosis; rare: Bursitis, myositis, osteoporosis, general-spasm, lenosynovitis, tetany. rvous System: Frequent: Emotional lability, vertigo; *infrequent:* Abnormal thinking, alcohel abuse, otaxia, dystenia, dyski-, euphota, hallucinations, hostiliy, hypertinia, hypesthesis, hypokinesis, iscordination, lack of emotion, libido increased,

manic reaction, neurosis, paralysis, paranoid reaction; zare: Abnormal gait, akinesis, antinocial reaction, aphasis, choreoatheto-sis, circumoral paresthesiss, convulsion, delirum, dekutions, diplopia, drug dependence, dysartinis, extrapyramikal syndrome, fasciculations, grand mel convulsion, hyperalgiesis, hybering, manic-depressive reaction, moningitis; myellis, met digit, met regis, met reports; mystagmus, per bhoral neuritis, psychotic depression, psychosis, reflexes decreased, referes increased, stupor, torti-colis, trimuse, withortwol syndrome. Program of the prog

Special Senses: Frequent Trinitus: Infrequent Abnormality of accommodation, conjunctivitis, ear pain, eye pain, keratoco junctivitis, mydriasis, otitis media; raze: Ambhyoja, arisocoria, bispharifis, cateract, conjunctival adema, correal ulcer, dashne exoptitisalmos, eye herentinge, glaucoma, hyperacusis, night bindness, otitis externa, parcemia, photophobia, ptosis, retirementinge, tacte loss, visual field defect.

nemormage, teste toss, visibal fest ordere.

Unggenità System: Infragenità menorihea, breast pain, cystitis, dysuria, hematuria, menorrhagia, nocturia, polyuria, pyuria,
usinay incontinence, urinay relention, urinay ungency, vaginitis; raez. Abortion, breast attophy breast enkargement, endometral discorder, epididymitis, femole lactation, fibrocystic breast, kidney calculus, kidney pain, leukorthea, metormagia,
neghtitis, oligunia, sabhgilis, urethilis, urinary casts, utier ire spasm, urolla, vaginal hemorrhage, vaginal monillasis.

neghritis oliquiris, sibiphyllis, urethrills, urinary casts, uterine spasm, urolitin, vaginal hemoritage, vaginal monillasis.

Postmarketing Reports: Voluntary reports of observe events in patients taking PAXIII. But have been neved abuse market introduction and not listed above that may have no causal relationship with the drug include acute pancreatilis, elevated invention tests (the most severe lesses were deaths due to liver necrosis, and grossly elevated transaminases associated with severe liver dystunction), Guillain-Barré synd ones, toda epidermal necrobysis, prajasm, syndrome of language that the severe liver dystunction, Sulliain-Barré syndrome, ones, prodome of language that the severe liver dystunction and severe liver dystunctions and glasticismas, necrobised in maintain syndrome-like events, serotion syndrome; out appraintal symprome which have included adaptines, bransaites, cogwheel grightly, dystonia, hypertonia, outlogytic crisis which has been associated with concomitant use of pimoidet tremor and trismus; status epilepticus, acute renal failure, pulmonary hypertension, allergic shrootis, anaphysics, seclampsia, symplemus, optic neutris, popular, ventricular facility careful (including plastic remain, parcytogenia, bone marrow apisals, and agranulocytosis), and vasculitic syndromes (souch as Honoris-Schönlein purpura). There has been a case report of a elevated prenytoria level atter 4 weeks of PADL, and phonytein coadministration. There has been a case report of severe hypotension when PAXR, was added to chronic metoprolot resulters.

DRUG ABUSE AND DEPENDENCE

Unity ABUSE AND LEPANDENCE Controlled Substance. Charge of the property of the

OVERDOSAGE

OVERIOSAGE. Human Experience: Since the introduction of PAXIL in the United States, 342 spontaneous cases of deliberate or accidental overdosage during personaline treatment have been reported worldwide (circa 1999). These include overdosas with percentine and an incombination with other substances. Of these, 45 cases were fatal and of the fatalities, 17 appeared to hardware paracetine abone. Eight fatal cases that documented the amount of percentine ingested wave generally confounded by the ingestion of other drugs or alcohol or the presence of significant comodial conditions, 01 145 non-tatal cases with known outcome, most recovered without requeller. The largest known ingestion involved 2,000 mg of percentine (33 times the maximum recommended daily dose) in a patient who recovered.

ommercuse owny case; in a patient who recovered.

Commonly reported adverse events associated with paraxetine overdesage include somnolance, come, nausee, tremor, tech cardis, comkation, vemiting, and disziness. Other notable signs and symptoms observed with overdoses involving percentine (allo or with other substances) include mydriasts, consulsions (including status epilepticus), ventricular dystrylhmias (including torside pointes), hypertension, aggressive reactions, sympops, proportions, proportions, aggressive reactions, sympops, proportions, proportions, acute renal failure, and urinary retention.

Deep force the Reportions of the Commercial Consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial consist of these associal measures analysed in the commercial commer

Overdosage Management. Treatment should consist of those general measures employed in the management of overdosage with any drups effective in the treatment of major depressive disorder.

Ensure an adequate airway, coppension, and ventilation. Monitor cardiac rhythm and vital signs. General supportive and symptomatic measures are also recommended. Induction of emesis is not recommended. Castric lavage with a large-bore cro-gastic blue with appropriate airway protection, it needed, may be indicated if performed soon after ingestion, or in symptomatic

primits.

Activated charcoal should be administered. Due to the large volume of distribution of this drug, forced disrest, dialysis, hemopertusion, and exchange transfusion are unlikely to be of benefit. No specific artifoldes for paroxetine are known.

A specific caution involves polients who are taking or have recently taken parametrize who might ingest excessive quantities of a tityctic artifolderssent. In such a case, accumulation of the parent tricyclic artifor an active metabolite may increase the possibility of dinically significant sequelae and extend the time needed for close medical observation (see PRECAUTIONS—Drugs Metabolized by Cytechnome CYP208).

bit all bytes discharge and it is a sequelise and extend the time needed for close medical observation (see PRECAUTIONS— Drugs Metabolized by Cytochrome CIPSOB).

In managing overdosage, consider the possibility of multiple drug involvement. The physician should consider contacting a polision 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).

DUSAUE, AND ADMINISTRATION
Major Depressive Disorder: Usual initial Dosege: PAXIL should be administered as a single daily dose with or without food, usually in the moming. The recommended initial dose is 20 mg/day, Patients were dosed in a range of 20 to 50 mg/day in the clinical trisis demonstrating the effectiveness of PAXIL in the treatment were dosed in a range of 20 to 50 mg/day in the clinical trisis demonstrating the effectiveness of PAXIL in the treatment of major depressive disorder, the full effect may be delayed. Some patients not responding to a 20-mg dose may benefit from dose into reases, in 10-mg/day increments, up to a maximum of 50 mg/day. Dose changes should occur at intervals of all least 1 week.

Maintenance Therapy: There is no body of evidence available to answer the question of how long the patient treated with PAXII should remain on it. It is generally agreed that acute episodes of major depressive disorder require several months or longer of sustained pharmacologic therapy. Whether the dose needed to induce remission is identical to the dose needed to maintain and/or sustain euthymia is unknown. meaning amoor sustain euthymia is unknown.

Systematic evaluation of the efficacy of PAXIL has shown that efficacy is maintained for periods of up to 1 year with doses that averaged about 30 mg.

Systematic evaluation of the efficacy of PAXII, has shown that efficacy is maintained for periods of up to 1 year with doses that averaged about 30 mg.

Obsessive Computative Disorder: Usual Initial Disagre PAXII, should be administered as a single daily dose with or without food, usually in the morning. The recommended dose of PAXIII, in the insulance of COD is 40 mg daily. Patients brought be started on 20 mg/day and the dose can be increased in 10-mg/day increments. Obse changes should occur at intervals of at least 1 week, Patients were dosed in a range of 20 to 60 mg/day. Patients were dosed in a range of 20 to 60 mg/day.

Maintenance Thorsupy: Long-term maintenance of efficacy was demonstrated in a 6-month relapse prevention trial. In this trial, patients with OCD assigned to percentine demonstrated a lower relapse rate compared to patients on placebo (see CLIN-ICAL PIMPIMPACOLICAI)—Chinical Yisis), CCD is a chronic condition, and it is reasonable to consider continuation for a responding patient. Dosage adjustments should be made to maintain the patient on the lowest effective dosage, and patients should be protoically reassessed to determine the need for continued treatment.

Pario Disorder: Usual Initial Disosger PAXII, should be administered as a single daily dose with or without food, usually in the morning. The target dose of PAXII, in the treatment of pario disorder is 40 mg/day. Patients should be mg/day.

Maintenance Therapy: Long-term maintenance of efficacy was demonstrated in a 3-mgred 10 to 60 mg/day in the clinical trials demonstrating the effectiveness of PAXII. The maximum dosage should not exceed 60 mg/day.

Maintenance Therapy: Long-term maintenance of efficacy was demonstrated in a 3-mgred to patients on placed or patients about the periodically pressessed to delete the need for continued treatment.

Social Arxitety Disorder: Usual Initial Dosage PAXII. Should be administered as a single daily dose with or without tood, usual-

Social Arcticity Disorder: Usual Initial Dosagar PXKL should be administered as a single daily dose with or without food, usually in he moming. The recommended and initial dosage is 20 mg/day, in clinical bials the effectiveness of PXXII, was demonstrated in patients dosed in a range of 20 to 60 mg/day, White the safety of PXXII, has been evaluated in patients with social analysis disorder at dosas up to 60 mg/day, while the safety of PXXII has been evaluated in patients with social analysis disorder at dosas up to 60 mg/day, wrallable information does not suggest any additional benefit for doses above 20 mg/day (see CAIMCAL PXXIAMACDLCGY—CITICAL PXXIA

mg/day (see CLRICAL PHA/MACOLOSY—Clinics) Fields)
Maintenance Therapy: There is no body of evidence available to answer the question of how long the patient rested with PAXII, should remain on it. Although the efficacy of PAXII, beyond 12 weeks of doubting has not been demanstrated in controlled chical trials, social articley disorder is recognized as a chronic condition, and it is reasonable to unsider controlled chical trials, social articley disorder is recognized as a chronic condition, and it is reasonable to unsider controlled chical trials are expending patient. Dosage adjustments should be made to maintain the patient on the lowest effective dosage, and patients should be periodically reassessed to determine the med for continued treatment. Generalized Audetry (Business Unional trial the effectiveness of PAXII, was demonstrated in patients desed in a range of 20 to 50 mg/day. The recommended starting dosage and the established effective dosage is 20 mg/day. There is not sufficient evidence to support a greater benefit to dose in higher than 20 mg/day. Dose changes should occur in 10 mg/day increments and at intervals of at least 1 week.

**Meintenance Therapy: Systematic contexts on the property of a context of a

nce Therapy: Systematic evaluation of continuing PAXIL for periods of up to 24 weeks in patients with Generalized der who had responded while taking PAXIL during an 8-week acute treatment phase has demonstrated a benefit of

PAXIL® do) Tablets and Oral Suspension (paroxetine hydrochloric

the maintenance (see CLINICAL PHARMACOLCGY—Clinical Trials). Novertheless, patients should be periodically reassessed to termine the need for maintenance treatment.

determine the need for maintenance treatment.

Posttraumatic Stress Disorder: Everal Initial Dasage: PAXIL, should be administered as a single delity dose with or without lood, usually in the morning. The recommended starting dosage and the established effective dosage is 20 mg/day, in 1 clinical trial, the effectiveness of PAXIL was demonstrated in patients dosed in a range of 20 to 50 mg/day, thowever, in a fixed dose study, there was not sufficient evidence to suggest a greater benefit for a dose of 40 mg/day compared to 20 mg/day. Dose changes, if indicated, should occur in 10 mg/day increments and at intervals of at least 1 week.

changes, if indicated, should occur in 10 mg/day increments and at intervals of at least 1 week.

Main binarior Therapy: There is no body of evidence arrivable to answer the question of how long the patient breated with PAXB, should remain on it. Although the efficacy of PAXII. beyond 12 weeks of dosing his not been demonstrated in controlled clinical vials, PTSD is recognized as a chronic condition, and it is reasonable to consider continuation of irediment for a responding patient. Dosage adjustments should be made to maintain the patient on the lowest effective disage, and patients should be periodically reassessed to determine the need for continued breatment.

Special Populations: Treatment of Pragnent Women During the Third Trimester: Neonates exposed to PAXB, and other SSRIs or SRRIs late in the third it mester have developed complications requiring prolonged hospitalization, respiratory support, and tube feeding (see WARRIMOSS). When treating pregnant women with parametric during the third trimester, the physician should carefully consider the potential risks and benefits of treatment. The physician may consider tapering parametric in the third trimester.

Dosage for Elderly or Debilitated Patients, and Patients With Severe Recal or Hepatic Impairment: The recommended initial dose is 10 mg/day for elderly patients, debilitated patients, and/or patients with severe renal or hepatic impairment increases may be made if indicated. Obeage should not exceed 40 mg/day.

Switching Patients to or From a Monoamine Oxidase limbilitor. At least 14 days should elapse between discontinuation of an MAOI and initiation of herapy with PAVIL Similarly, at least 14 days should elapse between discontinuation of an MAOI and initiation of herapy with PAVIL Similarly, at least 14 days should be allowed after stopping PAVIL before storting an MAOI.

an MANU.

Discontinuation of Treatment With PAXIL: Symptoms associated with discontinuation of PAXIL have been reported (see PRECAUTIONS). Patients should be monitored for these symptoms when discontinuing treatment, regardless of the indication for which PAXIL is being prescribed. A gradual reduction in the dose rather than abrupt cessation is recommended whenever possible. If indicated 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.

gradual rate.
NOTE: SHAVE SUSPENSION WELL BEFORE USING.

HOW SUPPLIED

Tablets: Film-coated, modified-oval as follows

Tooling yellow, scored tablets engraved on the front with PAXIL and on the back with 10. NDC 0029-3210-13 Bottles of 30 20-mg pink, scored tablets engraved on the front with PAXIL and on the back with 20. NDC 0029-3211-13 Bottles of 90 NDC 0029-3211-25 Bottles of 90 NDC 0029-3211-25 Bottles of 90 NDC 0029-3211-25 UP 100s (intended for institutional use only)

30-mg blue tablets engraved on the front with PAXIL and on the back with 30. NOC 0029-3212-13 Bottles of 30 40-mg green tablets engraved on the front with PAXIL and on the back with 40. NDC 0029-3213-13 Bottles of 30

Store tablets between 15' and 30°C (59" and 86" F).

Oral Suspension: Orange-cobred, orange-flavored, 10 mg/5 mL, in 250 mL white bottles.

NDC 0029-3215-48

Store suspension at or below 25°C (77°F).

PAXIL is a registered trademark of Gla ithKline.

Medication Gui

PAXIL* (PAX-II) (paroxetine hydrochloride) Tablets and Oral Suspension About Using Antidepressants in Children and Tecnogers

What is the most important information I should know if my child is being prescribed an antidepressant?

Parents or guardians need to think about 4 important things when their child is prescribed an antidepressant:

- Parents or guardians need to think about 4 important inings when size Cinic.

 1. There is a risk of suicidal thoughts or actions

 2. How to try to prevent suicidal thoughts or actions in your child.

 3. You should watch for certain signs if your child is taking an antidepressant.

 4. There are benefits and risks when using antidepressants.

1. There is a Risk of Suiddal Thoughts or Actions

Children and leeragers sometimes think about suicide, and many report trying to kill themselves.

Artidispressants increase suicidal thoughts and actions in some children and teenagers. But suicidal thoughts and actions can also be caused by depression, a serious medical condition that is commonly treated with antidepressants. Thinking about killing yourself or trying to kill yourself is called suicidality or being suicidal.

A large study combined the results of 24 different studies of children and teenagers with depression or other illnesses, in these studies, patients took either a placebo (sugar pit) or an antidepressant for 1 to 4 months. *No one committed suicide in these studies*, but some patients became suicide. On sugar pits, 2 cut of every 100 became suicide. On the antidepressants, 4 out of every 100 became suicide.

For some children and teenagers, the risks of suicidal actions may be especially high. These include patients with

- Bipotar illness (sometimes called manic-dapressive finess)

A family history of bipolar illness
 A porsonal or family history of attempting suicide
 A porsonal or family history of attempting suicide
if any of these are present, make sure you tell your healthcare provider before your child takes an antidepressant.

2. How to Try to Prevent Suicidal Thoughts and Actions

To try to prevent suicidal thoughts and actions in your child, pay close attention to changes in her or his moods or actions, especially if the changes occur suddenly. Other important people in your child's life can help by paying attention as well (e.g., your child, brothers and sisters, teachers, and ether important people). The changes to look out for are lotted in Section 3, on what to watch for.

Whenever an antidepressant is started or its dose is changed, pay close eftention to your child. After starting an antidepressant, your child should generally see his or her healthcare provider:

Once a week for the first 4 weeks

Every 2 weeks for the rest 4 weeks

After taking the antidepressant for 12 weeks

After tak weeks, flow your healthcare provider's advice about how often to come back

More often if problems or questions arise (see Section 3)

You should call your child's healthcare provider between visits if needed.

3. You Should Watch for Certain Signs if Your Child is Taking an Antidepressant

Contact your child's healthcare provider right away if your child exhibits any of the following signs for the first time, or if they seem worse, or worry you, your child, or your child's teacher:

Thoughts about suicide or dying

- New or worse depression
- New or worse anxiety Feeling wory agitated or restless Panic attacks Difficulty sleeping (insomnia)

- New or worse irrisbility
 Acting aggressive, being engry, or violent
 Acting on dangerous impulses
 An extreme increase in activity and talking Other unusual changes in behavior or m

Never let your child stop taking an antidepressant without first talking to his or her healthcare provider. Stopping an antide-pressant suddenly can cause other symptoms.

4. There Are Benefits and Risks When Using Antidepressants

Amidepressants are used to treat depression and other illnesses. Depression and other illnesses can lead to suicide, in some children and teenagers, treatment with an antidepressant increases suicidal thinking or actions. It is important to discuss all the risks of treating depression and also the risks of not treating it. You and your child should discuss all treatment choices with your healthcare provider, not just the use of antidepressants.

Other side effects can occur with antidepressants (see section below).

Of all the antidepressants, only fluoxetine (Prozac®)* has been FDA approved to treat pediatric depression.

For obsessive compulsive disorder in children and teenagers, FDA has approved only fluoretine (Prozac®)*, sertraline (Zolott®)*, fluvoramine, and clomipramine (Anatranil®)*.

Your healthcare provider may suggest other antidepressants based on the past experience of your child or other family members.

Is this all I need to know if my child is being prescribed an antidepressant?

No. This is a warning about the risk for suicidality. Other side effects can occur with antidepressants. Be sure to ask your health-care provider to explain all the side effects of the particular drug he or she is prescribing. Also sak about drugs to avoid when taking an antidepressant. Ask your healthcare provider or pharmacist where to find more information.

The following are registered trademarks of their respective manufacturers: Prozac/Eli Lilly and Company; Zoloft*/Pfizer Pharmaceuticals: Anatrani*/Wallinckroott Inc.

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

MG-PX-2



GlaxoSmithKline Research Triangle Park, NC 27709

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May 2006 PX:L41

PAXIL CR® (paroxetine hydrochloride) Controlled-Release Tablets

Suicidality in Children and Adolescents
Antidepressants increased the risk of suicidal thinking and behavior (suicidality) in short-term studies in children
and adolescents with Major Depressive Disorder (MDD) and other psychiatric disorders. Anyone considering the use
of PAXIL CR or any other antidepressant in a child or adolescent must balance this risk with the clinical need. Patients
who are started on therapy should be observed closely for clinical worsening, suicidality, or unusual changes in
behavior. Families and caregivers should be advised of the need for close observation and communication with the
prescriber. PAXIL CR is not approved for use in pediatric patients. (See WARNINGS and PRECAUTIONS—Poliatric Usa.)
Pooled analyses of short-term (4 to 16 wooks) placebo-controlled trials of 9 antidepressant drugs (SSRIs and oth-ers) in children and adolescents with major depressive disorder (MDD), obsessive compulsive disorder (CCD), or other sychiatric disorders (a total of 24 trials involving over 4,400 patients) have revealed a greater risk of adverse events representing suicidal thinking or behavior (suicidality) during the first few months of treatment in those receiving antidepressants. The average risk of such events in patients receiving antidepressants was 4%, twice the placebo risk of 2%. No suicides occurred in these trials.

DESCRIPTION

PAXIL CR (paroxetine hydrochloride) is an orally administered psychotropic drug with a chemical structure unrelated to other selective serotonin reuptake inhibitors or to tricyclic, letracyclic, or other available antidepressant or antipanic agents. It is the hydrochloride salt of a phenyloperidine compound identified chemically as (-)-trans-4R-(4-fluorophenyl)-35-(3',4'-methylene-dioxyphenoxy) methyl piperidine hydrochloride hemihydrate and has the empirical formula of C₁₁H₂FNO₂+RCI-1/2H₂O. The molecular weight is 374.8 (329.4 as free base). The structural formula of paroxetine hydrochloride is:



Paroxetine hydrochloride is an odorless, off-white powder, having a melting point range of 120° to 138°C and a solubility of

Paroxetine hydrochloride is an odorless, off-white powder, having a melting point range of 120° to 138°C and a solubility of 5.4 mg/ml. in water.

Each enteric, film-coated, controlled-release tablet contains paroxetine hydrochloride equivalent to paroxetine as follows: 12.5 mg-yellow, 25 mg-pink, 37.5 mg-blue. One layer of the tablet consists of a degradable barrier layer and the other contains the active material in a hydrophilic matrix.

Inactive ingredients consist of hypromellose, polyvinylpyrrolldone, factose monohydrate, magnesium stearate, colloidal silicon dioxide, glycery behenale, methacrylic acid copolymer type C, sodium lauryl sulfate, polysorbate 80, talc, triethyl citrate, and 1 or more of the following colorants: Yellow Terric oxide, red ferric oxide, D&C Red No. 30, D&C Yellow No. 6, D&C Yellow No. 10, D&C Yellow No. 2.

CLINICAL PHARMACOLOGY
Pharmacodynamics: The efficacy of paroxetine in the treatment of major depressive disorder, panic disorder, social anxiety disorder, and premenstrual dysphoric disorder (PMOD) is presumed to be linked to potentiation of serotonergic activity in the central nervous system resulting from inhibition of neuronal reuptake of serotonin (5-hydroxy-tryptamine, 5-HT). Studies at clinically relevant doses in humans have demonstrated that paroxetine blocks the uplace of serotonin human platelets, in vitro studies in animats also suggest that paroxetine is a potent and highly selective inhibitor of neuronal serotonin reuptake and has only very week effects on norepinephrine and dopamien neuronal reuptake. In vitro radioligand binding studies indicate that paroxetine has little affinity for muscarinci, alpha, -, alpha₇-, beta-adrenergic-, dopamine (0,)-, 5-HT₇-, 5-HT₈-, and histamine H₁)-receptors: antagonism of muscarinci, alpha₇-, beta-adrenergic-, dopamine (0,)-, 5-HT₇-, 5-HT₈-, and histamine H₁)-receptors: antagonism of muscarinci, instaminergic, and alpha, -adenergic receptors has been associated with various anticholinergic, sedative, and cardiovascular effects for other psychotropic drugs.

Because the relative potencies of paroxetine's major metabolities are at most 1750 of the parent compound, they are essentially inactives.

Because the relative potencies of paroximie's major metabolities are at most 1/50 of the parent compound, they are essentially inactive.

Pharmacokinetics: Paroxetine hydrochloride is completely absorbed after oral dosing of a solution of the hydrochloride salt. The elimination half-life is approximately 15 to 20 hours after a single dose of PAXIL CR. Paroxetine is extensively metabolized and the metabolites are considered to be inactive. Nonlinearity in pharmacokinetics is observed with increasing doses. Paroxetine metabolism is mediated in part by CYP206, and the metabolites are primarily excreted in the urine and to some extent in the feces. Pharmacokinetic behavior of paroxetine has not been evaluated in subjects who are deficient in CYP206 (poor metabolizers).

Absorption and Distribution: Tablets of PAXIL CR contain a degradable polymeric matrix (GEOMATRIX™) designed to control the dissolution rate of paroxetine over a period of approximately 4 to 5 hours. In addition to controlling the rate of drug release in vivo, an enteric coal delays the start of drug release until tablets of PAXIL CR have left the stomach.

Paroxetine hydrochloride is completely assorbed after oral dosing of a solution of the hydrochloride salt. In a study in which normal make and lemale subjects (n = 23) received single oral doses of PAXIL CR at 4 dosage strengths (12.5 mg, 2.5 mg, 37.5 mg, and 50 mg), paroxetine C_{im} and AUC_{cost} increased disproportionately with dose (as seen also with immediate-release formulations). Mean C_{imp} and AUC_{cost} storeased disproportionately with dose (as seen also with immediate-release formulations). Nean C_{imp} and AUC_{cost} storeased disproportionately with dose (as seen also with immediate-release formulations), Nean C_{imp} and Williamediate-release formulations, Paroxetine distributes throughout the body, including the CNS, with only 19 scenarion in the plasma. Approximately 95% and 93% of paroxetine is bound to plasma protein at 100 ng/mt. Paroxetine dose not alter the in vitro protein bini

Approximately 93% and 93% of particular is sound to passing portein at 100 right. I and 403 ng/mt, respectively, under clinical conditions, paroxeline ones not concentrations would normally be less than 400 ng/mt. Paroxeline does not after the in vitro protein binding of phenytoin or warfarin.

Motabolism and Excretions: The mean elimination half-life of parcietine was 15 to 20 hours throughout a range of single doses of PAXIL CR (12.5 mg. 25 mg. 37.5 mg. and 50 mg). During repeated administration of PAXIL CR (25 mg once daily), steady state was recarded within 2 verkes (i.e., comparable to immediate-release formulations), in a repeat-dose study in which normal male and lemale subjects (n = 23) received PAXIL CR (25 mg daily), mean steady state C_{max}, C_{min}, and AUC_{2,34} values were 30 ng/mt., 20 ng/mt., and 550 ng/mt./mt., respectively.

Based on studies using immediate-release formulations, steady-state drug exposure based on AUC_{0,24} was several-fold greater than would have been predicted from single-dose data. The excess accumulation is a consequence of the fact that 1 of the enzymes that metabolizes paroxetine is readily saturable. In steady-state dose proportionality studies involving elderly and noneticerly patients, at doses of the immediate-release formulation of 20 mg to 40 mg daily for the nonetiderly, some nonlinearity was observed in both populations, again reflecting a saturable metabolic pathway. In comparison to C_{min} values after 20 mg daily, values after 40 mg daily were nonlinearity metabolized after oral administration. The principal metabolites are polar and conjugated products of axidation and methylation, which are readily cleared. Conjugates with glucuronic acid and sulfate predominate, and major metabolites have no more than 1750 the potency of the parent compound at inhibiting serotonin uptake. The metabolism of paroxetine is accomplished in part by CYP206. Saturation of treatment. The role of this enzyme in paroxetine metabolism also suggests potential drug-drug interactions (see

PRECAUTIONS).
Approximately 64% of a 30-mg oral solution dose of paroxetine was excreted in the urine with 2% as the parent compound and 62% as metabolities over a 10-day post-dosing period. About 36% was excreted in the feces (probably via the bile), mostly as metabolities and less than 1% as the parent compound over the 10-day post-dosing period.

Other Clinical Pharmacology Information: Specific Populations: Renal and Liver Disease Increased plasma concentrations of paroxetine occur in subjects with renal and hepatic impairment. The mean plasma concentrations in patients with creatinine clearance below 30 mL/min, was approximately 4 times greater than seen in normal volunteers. Patients with creatinine clearance of 30 to 60 mL/min, and patients with hepatic functional impairment had about a 2-fold increase in plasma concentrations (AUC, C....).

ance of 30 to 60 mL/min. and patients with hepatic functional impairment into about a strong entertainty. (AUC, C_{nux}). The initial dosage should therefore be reduced in patients with severe renal or hepatic impairment, and upward titration, if necessary, should be at increased intervals (see DOSAGE AND ADMINISTRATION).

Eliderly Patients: In a multiple-dose study in the eliderly at daily doses of 20, 30, and 40 mg of the immediate-release formulation. C_{nux} concentrations were about 70% to 80% greater than the respective C_{nux} concentrations in nonelderly subjects. Therefore the initial dosage in the elderly should be reduced (see DOSAGE AND ADMINISTRATION).

**Orage Torug Interactions: In vitro drug interaction studies reveal that paroxetine inhibits CYP206. Clinical drug interaction studies have been performed with substrates of CYP206 and show that paroxetine can inhibit the metabolism of drugs metabolized by CYP206 including designamine, risperidone, and atomoxetine (see PRECAUTIONS—Drug Interactions).

Major Depressive Disorder: The ellicacy of PAXIL CR controlled-release tablets as a treatment for major depressive disorder has been established in two 12-week, flexible-dose, placebo-controlled studies of patients with DSM-IV Major Depressive Disorder. One study included patients in the age range 18 to 65 years, and a second study included elderly patients, ranging in age from 60 to 88. In both studies. PAXIL CR was shown to be significantly more effective than placebo in treating major

decressive disorder as measured by the following: Hamilton Depression Rating Scale (HDRS), the Hamilton depressed mood item, and the Clinical Global Impression (CGI)—Severity of Illness score.

A study of outpatients with major depressive disorder who had responded to immediate-release paroxeline tablets of placebo for 1 year demonstrated a significantly lower relapse rate for patients taking immediate-release paroxeline tablets of placebo for 1 year demonstrated a significantly lower relapse rate for patients taking immediate-release paroxeline tablets of placebo for 1 year demonstrated a significantly lower relapse rate for patients taking immediate-release paroxeline tablets (15%) compared to those on placebo (36%). Effectiveness was similar for male and female patients.

Panic Disorder: The effectiveness of PAVIL. CR in the treatment of panic disorder was evaluated in three 10-week, multicenter, flexible-doces studies (Studies 1, 2, and 3) comparing paroxeline cantrolled-release (12.5 to 75 mg daily) placebo in adult outpatients who had panic disorder (05M-In), with or without appraiphoia. These trials were assessed on the basis of their outcomes on 3 variables. (1) the proportions of patients free of full panic attacks at endpoint; (2) change from baseline to endpoint in the median number of full panic attacks; and (3) change from baseline to endpoint in the median number of full panic attacks; and (3) change from baseline to endpoint in the median common their place of the panic attacks; and (3) change from baseline to endpoint in the median number of full panic attacks; and (3) change from baseline to endpoint in the median common their place of the panic place of the panic place of the panic place on the panic place of the

INDICATIONS AND USAGE
Major Diporessive Disorder: PAXIL CR is indicated for the treatment of major depressive disorder.
The efficacy of PAXIL CR in the treatment of a major depressive episode was established in two 12-week controlled trials of outpatients whose diagnoses corresponded to the DSM-IV category of major depressive disorder (see CLINICAL PHARMACOLOGY-Clinical Trials).

A major depressive episode (DSM-IV) implies a prominent and relatively persistent (nearly every day for at least 2 weeks) depressed mood or loss of interest or pleasure in nearly all activities, representing a change from previous functioning, and includes the presence of at least 5 of the following 9 symptoms during the same 2-week period: Depressed mood, markedly diminished interest or pleasure in usual activities, significant change in weight and/or appetite, insomnia or hypersomnia, psy-chomotro agitation or retardation, increased statigue, feelings of guilt or worthlessness, slowed thinking or impaired concentration, a suicide attempt, or suicidal ideation.

The antideoressant action of parosetine in hospitalized depressed actions has not been adequately studied.

chomotor agitation or retardation, increased fatigue, feetings of guilt or worthlessness, slowed thinking or impaired concentration, a suicide attempt, or suicidal ideation. The antidepressant action of paroxetine in hospitalized depressed patients has not been adequately studied. PAXIL CR has not been systematically evaluated beyond 12 weeks in controlled clinical trials; however, the effectiveness of immediate-release paroxetine hydrochizoidie in maintaining a response in major depressive disorder for up to 1 year has been demonstrated in a placebo-controlled trial (see CLINICAL PHARNACOLOGY-Clinical Trials). The physician who elects to use PAXIL CR for extended periods should periodically re-evaluate the long-term usefulness of the drug for the individual patient. Panic Disorder: PAXIL CR is indicated for the treatment of panic disorder; with or without agoraphicia, as defined in DSM-IV. Panic disorder is characterized by the occurrence of unexpected panic attacks and associated concern about having additional attacks, worry about the implications or consequences of the attacks, and/or a significant change in behavior related to the attacks. The efficacy of PAXIL CR controlled-release tablets was established in two 10-week trials in paric disorder patients whose diagnoses corresponded to the DSM-IV category of panic disorder (see CLINICAL PHARNACOLOGY-Clinical Trials). Panic disorder (DSM-M) is characterized by recurrent unexpected panic attacks, i.e., a discrete period of intense fear or discomifort in which 4 (or more) of the following symptoms develop shruptly and reach a peak within 10 minutes: (1) palpitations, pounding heart, or accelerated heart rate; (2) sweating; (3) tembling or shaking; (4) sersations of shortness of breath or smothering; (5) feeting of choking; (6) chest pain or discomifort; (7) nausea or abdominal distress; (8) feeting discover, lighthead-end, or faint; (9) derealization (feelings of unreality) or depresonatezion (dering detached from oneself); (10) lear of losing control; (11) f

patient.

Social Anxiety Disorder: PAXIL CR is indicated for the treatment of social anxiety disorder, also known as social phobia, as defined in DSM-IV (300.23). Social anxiety disorder is characterized by a marked and persistent fear of 1 or more social or performance situations in which the person is exposed to unlamitiar 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, or oscial activities relationships, or there is marked distress about having the phobias. Lesser degrees of performance anxiety or shyness generally do not require psychopharmacological treatment.

The efficacy of PAXIL CR as a treatment for social anxiety disorder has been established, in part, on the basis of extrapoblation from the established effectiveless of the immediate polesce formulation of accordate, less addition, he addition.

The effective of the ALL CH as a treatment or social anxiety disorder in as established effectiveness of the firmediate-release formulation of paracetine, In addition, the efficacy of PAXIL, CR was established in a 12-week trial, in adult outpatients with social anxiety disorder (DSM-N), PAXIL CR has not been studied in children or adolescents with social phobia (see CLINICAL PHARMACOLOGY—Clinical Trials).

The effectiveness of PAXIL CR in long-term treatment of social anxiety disorder, i.e., for more than 12 weeks, has not been systematically evaluated in adequate and well-controlled trials. Therefore, the physician who elects to prescribe PAXIL CR for extended periods should periodically re-evaluate the long-term usefulness of the drug for the individual patient (see DOSAGE AND ADMINISTRATION).

TRATION).

Promenstrual Dysphoric Disorder: PAXIL CR i's indicated for the treatment of PMDD.

Promenstrual Dysphoric Disorder: PAXIL CR is indicated for the treatment of PMDD.

The efficacy of PAXIL CR in the treatment of PMDD has been established in 3 placebo-controlled trials (see CLINICAL PHAR-MACOL_OGY-Clinical Trials).

The essential features of PMDO, according to DSM-IV, include markedly depressed mood, anxiety or tension, affective liability, and persistent anger or irritability. Other features include decreased interest in usual activities, difficulty concentrating, lack of energy, change in appetitior or steep, and feeling out of control. Physical symptoms associated with PMDD include breast tenderness, headache, joint and muscle pain, bhasing, and weight gain. These symptoms occur regularly during the luteal phase and remit within a few days following the onset of menses; the disturbance markedly interferes with work or school or with usual social activities and relationships with others. In making the diagnosis, care should be taken to rule out other cyclical mood disorders that may be exacerbated by treatment with an antidepressant.

The effectiveness of PAXIL CR in long-term use, that is, for more than 3 menstrual cycles, has not been systematically evaluated in controlled trials. Therefore, the physician who elects to use PAXIL CR for extended periods should periodically re-evaluate the long-term usefulness of the drug for the individual patient.

CONTRAINDICATIONS

CONTRAINDICATIONS
Concomitant use in patients taking either monoamine oxidase inhibitors (MAOIs) or thioridazine is contraindicated (see WARN-INGS and PRECAUTIONS).
Concomitant use in patients taking pimozide is contraindicated (see PRECAUTIONS).
PAXIL CR is contraindicated in patients with a hypersensitivity to paroxetine or to any of the inactive ingredients in PAXIL CR.

WANNINGS

Clinical Worsoning 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. There has been a long-standing concern that antidepressants may have a role in inducing worsening of depression and the emergence of suicidality in certain patients. Antidepressants increased the risk of suicidal thinking and behavior (suicidality) in short-term studies in children and adolescents with Major Depressive Disorder (MDD) and other psychiatric disorders.

Pooled analyses of short-term placebo-controlled trials of 9 antidepressant drugs (SSRIs and others) in children and adolescents with MDD, OCD, or other psychiatric disorders (a total of 24 trials involving over 4,400 patients) have revealed a greater risk of edverse events representing suicidal behavior or thinking (suicidality) during the first few months of treatment those receiving antidepressants. The average risk of such events in patients receiving antidepressants was 4%, twice the placebo risk of 2%. There was considerable variation in risk among drugs, but a tendency toward an increase for almost all drugs studied. The risk of suicidality was most consistently observed in the MDD trials, but there were signals of risk arising from some trials in other psychiatric indications (obsessive compulsive disorder and social anxiety disorder) as well. No suicides occurred in any of those trials. It is unknown whether the suicidality risk in pediatric patients extends to longer-term use. i.e., beyond several months.

sincides occurred in any of these trials. It is unknown whether the suicidality risk in pediatric patients extends to longertern use, i.e., beyond several months.

All pediatric patients being treated with antidopressants for any indication should be observed closaly for clinical
worsening, suicidality, and unusual changes in behavior, especially during the initial few months of a course of drug
therapy, or at times of lose changes, either increases or decreases. Such observation would generally include at least
wookly face-to-face contact with patients or their family members or caregivers during the first 4 weeks of treatment,
then every other wook visits for the next 4 weeks, then at 12 weeks, and as clinically indicated beyond 12 weeks.

Adults with MDD or co-morbid depression in the setting of other psychiatric illness being treated with antidepressants should be observed similarly for clinical worsening and suicidality, especially during the initial few months of
a course of drug therapy, or at times of dose changes, either increases or decreases.

Young adults, especially flose with MDD, may be at increased risk for suicidal behavior during treatment with paroxetine.

An analysis of placebo-controlled trials of adults with psychiatric disorders showed a higher frequency of suicidal behavior in
young adults (prospectively defined as aged 18-24 years) time to the companies of the process of the controlled trials of adults with psychiatric disorders showed a higher frequency of suicidal behavior in ottlents treated with paroxetine companed with placebo (11/3,455 [0.32%) versus 1/1,978 [0.05%)]; all of the events were suicide attempts. However, the majority of these attempts for paroxetinal increase in the
frequency of suicidal behavior in ottlents treated with paroxetine companed with placebo (11/3,455 [0.32%) versus 1/1,978
[0.05%); all of the events were suicide attempts. However, the majority of these attempts for paroxetinal increase in the
frequency of suicidal behavior in ottlents treated with par

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 recording the patient's despite of the patient's experience of the patient's experience of the patient's experience of the risks of discontinuation of PAUL CR). A description of the risks of discontinuation of PAUL CR. Families and caregivers of pediatric 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 woll 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 PAUL CR should be written for the smallest

the emergence of suicidality, and to report such symptoms immediately to health care providers. Such monitoring should include daily observation by ramilios and caregivers. Prescriptions for PAUL. CR should be written for the smallest quantity of tablets consistent with good patient management, in order to reduce the risk of overdose. Families and caregivers of adults being treated for depression should be similarly advised.

Screening Patients for Bipotar Disorders. A major depressive episode may be the initial presentation of bipotar 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 mised/martic episode in patients at risk for bipotar 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 it they are at risk for bipotar disorder; such screening should include a detailed psychiatric history, including a family history of suicide, bipotar disorder, such screening should include a detailed psychiatric history, including a family history of suicide, bipotar disorder, and depression. It should be noted that PAXIL. OR is not approved for use in treating bipotar depression.

Potential for Interaction With Monoamine Oxidase Inhibitors: In patients receiving another serotonin reuptake inhibitor drug in combination with an MAOI, there have been reports of serious, sometimes fatal, reactions including hyperthermia, rigidity, mycolorus, autonomic instability with possible rapid fluctuations of vital signs, and mental status changes that include extreme agitation prograssing to delirium and comm. These reactions have also been reported in patients who have recently discontinued that drug and have been started on an MAOI. Some cases presented with features resembling neuroleptic malignant syndrome. While there

thioridazine. Therefore, it is recommended that paroxetine not be used in combination with thioridazine (see CONTRAINDICATIONS and PERCAUTIONS). Usage in Prognancy: Teratogenic Effects: Epidemiclogical studies have shown that Infants born to women who had first irimester paroxetine exposure had an increased risk of cardiovascular malformations, primarily ventricular and atrial septial defects (VSDs and ASDs), in general, septial defects are from those that are symptomatic and may require surgery to those that are asymptomatic and may resolve spontaneously. If a patient becomes pregnant while taking peroxetine, she should be advised of the potential harm to the fetus. Unless the benefits of paroxetine to the mother justified periodical deviation of the properties of the mother position of treatment with PAVIL CR, for women who intend to become prepared or are in their first trimester of pregnancy, paroxetine should only be initiated after consideration of the other available treatment options.

A shirty based on Sweright national receiver value property repo-

trimester of pregnancy, paroxetine should only be initiated after consideration of the other available freatment options. A study based on Swedish national registry data evaluated infants of 6,996 women exposed to artidepressants in early pregnancy (5,123 women exposed to SSRIs, including 815 for paroxetine). Infants exposed to paroxetine in early pregnancy had an increased risk of cardiovascular malformations (primarily VSDs and ASDs) compared to the entire registry population (0R 1.8; 95% confidence interval 1.1-28). The rate of cardiovascular malformations following early pregnancy paroxetine exposure was 2% vs. 1% in the entire registry population. Among the same paroxetine exposed infants, an examination of the data showed no increase in the overall risk for congenital malformations.

A separate retrospective cohort study using US United Healthcare data evaluated 5,956 infants of mothers dispensed paroxetine or other antidepressants during the first trimester (n = 815 for paroxetine). This study showed a trend towards an increased risk for cardiovascular malformations for paroxetine compared to other antidepressants (OR 1.5; 95% confidence interval 0.8-2.9). The prevalence of cardiovascular malformations following first trimester dispensing was 1.5% for paroxetine vs. 1% for other antidepressants, Nine out of 12 inlants with cardiovascular malformations whose mothers were dispensed paroxetine in the first trimester had VSDs. This study also supposed an increased risk of overall malformations. paroxetine in the first trimester had VSDs. This study also suggested an increased risk of overall major congenital malforma-tions (inclusive of the cardiovascular defects) for paroxetine compared to other antidepressants (OR 1.8; 95% confidence inter-val 1.2-2.8). The prevalence of all congenital malformations following first trimester exposure was 4% for paroxetine vs. 2% for the cardiovascular defects of the cardiovas

at 1.2-2.9). The prevalence of all congenital malformations following first trimester exposure was 4% for paroxeline vs. 2% for other antidepressants.

Animal Findings: Reproduction studies were performed at doses up to 50 mg/kg/day in rats and 6 mg/kg/day in rabbits administered during organogenesis. These doses are approximately 8 (rat) and 2 (rabbit) times the MRHD on an mg/m² basis. These studies have revealed no evidence of teratogenic effects. However, in rats, there was an increase in pup deaths during the first 4 days of lactation when dosing occurred during the last trimester of gestation and continued throughout factation. This effect occurred at a dose of 1 mg/kg/day or approximately one-sixth of the MRHD on an mg/m² basis. The no-effect dose for rat pup mortality was not determined. The cause of these deaths is not known.

**Monteratogenic Effects: Neonates exposed to PAXIL. CR and other SSRIs or serotonin and norepinephrine reuptake inhibitors (SNRIs), late in the third timester 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, vomilling, hypotynemia, hypotonia, hypertonia, hypertellexia, tremor, titieriness, firsibality, and constant cytig. These features are consistent with either a direct toxic effect of SSRIs and SNRIs or possibly, a drug disconlination syndrome. It should be noted that, in some cases, the cinical picture is consistent with serotonin syndrome (see WARNINGS—Potential for Interaction With Monoamine Oxidase Inhibitors).

Inhibitors). Infants exposed to SSRIs in late pregnancy may have an increased risk for persistent pulmonary hypertension of the newborn (PPHN). PPHN is associated with substantial neonatal morbidity and mortality. In a case-control study of 377 women whose infants were born with PPHN and 836 women whose infants were born healthy, the risk for developing PPHN was approximately six-fold higher for infants exposed to SSRIs alter the 20th week of gestation compared infants who had not been exposed to antidepressants during pregnancy. PPHN occurs in 1 – 2 per 1,000 live births in the general population. There have also been postmarketing reports of premature births in pregnant women exposed to particular to the proposal to present of the proposal to prepare the proposal to provide the protential risks and benefits of treatment (see DOSAGEAND ADMINISTRATION). Physicians should carefully consider both the potential risks and benefits of treatment (see DOSAGEAND ADMINISTRATION). Physicians should note that in a prospective longitudinal study of 201 women with a history of major depression who were euthymic at the beginning of pregnancy, women who discontinued antidepressant medication during pregnancy were more likely to experience a relapse of major depression than women who continued antidepressant medication. than women who continued antidepressant medication

PRECAUTIONS
General: Activation of Mania/Hypomania: During premarketing testing of immediate-release paroxetine hydrochloride,

hypomania or mania occurred in approximately 1.0% of paroxetine-treated unipolar patients compared to 1.1% of active-control and 0.3% of placebo-treated unipolar patients. In a subset of patients classified as bipolar, the rate of manic episodes was 2.2% for immediate-release peroxetine and 11.5% for the combined active-control groups-among-1,627-patients with major-depressive disorder, panic disorder, social anxiety disorder, or PMDD treated with PAXIL CR in controlled clinical studies, there are no reports of mania or hypomania. As with all drugs effective in the treatment of major depressive disorder, PAXIL CR solutions by a patients with a history of mania.

Seizures:During premarketing testing of immediate-release paroxetine hydrochloride, seizures occurred in 0.1% of paroxetire-treated patients: a rate similar to that associated with other drugs effective in the treatment of major depressive disorder. Annon; 1.627 patients who received PAXIL CR in controlled clinical trials in major depressive disorder, some controlled of the patient of the patient of the patient of the patients. The patient of the patient of the patient of the patient of the patients with a history of seizures. It should be discondinued in any patient who develops seizures.

**Discontinuation of Treatment With PAXIL CR: Averse events while discontinuing therapy with PAXIL CR were not systematically evaluated in most clinical trials; however, in recent placebo-controlled clinical trials utilizing daily doses of \$7.5 mg/day for 1 week before events while discontinuing therapy with PAXIL CR were evaluated. Pallents receiving 37.5 mg/day underwent an incremental decrease in the daily dose by 12.5 mg/day for 1 week before treatment was stopped. For patients receiving 25 mg/day of 125 mg/day for 1 week before evaluated, epitients receiving 25 mg/day of 1 week before Diszenses, nause, nevousness, and additional symploms described by the investigator as associated with tapering or discontinuing PAXIL CR (e.g., emotional lability, headache, a

readacts, entirely, enhancing, enhancing, insomina, and hypornama, while mess events are generally set-immung, tirere nave been reports of serious discontinuation symptoms. Pallents should be monitored for these symptoms when discontinuing treatment with PAXIL CR. A gradual reduction in the dose rather than abrupt cessation is recommended whenever possible. If intolerable symptoms occur following a decrease in the dose or upon discontinuation of treatment, then resuming the previously prescribed dose may be considered. Subsequently, the physician may continue decreasing the dose but at a more gradual rate (see ODSAGE AND ADMINISTRATION).

See also PRECAUTIONS—Pediatric Use, for adverse events reported upon discontinuation of treatment with paroxetine in neitstric nations.

the physician may continue decreasing the oose out as a river grindwar too the Application of treatment with paroxetine in pediatric patients.

See also PRECAUTIONS—Pediatric Use, for adverse events reported upon discontinuation of treatment with paroxetine in pediatric patients.

Akathisia: The use of paroxetine or other SSRIs has been associated with the development of akathisia, which is characterized by an inner sense of restlessness and psychomotor agitation such as an inability to sit or stand still usually associated with subjective distress. This is most likely to occur within the first few weeks of treatment.

***Hyponatremia**: Several cases of hyponatremia have been reported with immediate-release paroxetine hydrochloride. The hyponatremia appeared to be reversible when paroxetine was discontinued. The majority of these occurrences have been includely individuals, some in patients taking distretios or who were otherwise volume depleted.

Serotonin Syndrome: The development of a serotonin syndrome may occur in association with treatment with paroxetine, particularly with concomitant use of serotonergic drugs and with drugs which may have impaired metabolism of immediate-release paroxetine hydrochloride. Symptoms have included agitation, confusion, disphoresis, haltucinations, hyperreflexia, myoclonus, shivering tachycardia, and termor. The concomitant use of PAXIL CR with serotonin precursors such as reports more dispensable for gray and with serotonin precursors such as reports have documented the occurrence of bleeding episodes in patients treated with synchrotypic drugs that interier with serotonin reuptakes. Subsequent epidemiological studies, both of the case-control and cohort design, have demonstrated an association between use of psychotropic drugs that interier with serotonin reuptake (see Drug Interactions). Although these studies focused on upper gastronication of the procurrence of upper gastronication reuptake and the occurrence of upper gastronication propriets that bleeding, in

affect coagulation. Use in Patients With Concomitant Illness: Clinical experience with immediate-release peroxetine hydrochloride in patients with certain concomitant systemic illness is limited. Caution is advisable in using PAXIL CR in patients with diseases or conditions that could affect metabolism or hemodynamic responses.

As with other SSRIs, mydriasis has been infrequently reported in premarketing studies with paracetine hydrochloride. A few cases of acute angle closure glaucoma associated with therapy with immediate-release peroxetine have been reported in the literature. As mydriasis can cause acute angle closure in patients with narrow angle glaucoma, caution should be used when

literature. As mydriasis can cause acute angle closure in patients with narrow angle glaucoma, caution should be used when PAXIL CR is prescribed for patients with narrow angle glaucoma.

PAXIL CR or the immediate-release formulation has not been evaluated or used to any appreciable extent in patients with a recent history of myocardia infarction or unstable heart disease. Patients with these diagnoses were excluded from clinical studies during premarket testing. Evaluation of electrocardiograms of 682 patients who received immediate-release paroxelina hydrochloride in double-blind, placebo-controlled triats, however, did not indicate that paroxetine is associated with the development of significant ECG abnormalities. Similarly, paroxetine hydrochloride does not cause any clinically important changes in heart rate or blood pressure.

Increased plasma concentrations of paroxetine occur in patients with severe renal impairment (creatinine clearance <30 mt/min.) or severe hepatic impairment. A lower starting dose should be used in such patients (see DOSAGE AND ADMINIS-Information for Patients: Prescribers or other health professioned exhauld information for Patients: Prescribers or other health professioned exhauld information for Patients.

Information for Patients: Prescribers or other health professionals should inform patients, their families, and their caregivers

Increased plasma concentrations of paroxethe occur in patients with severe rend impartment (creatinine clearance con multimit) or severe heaptic impairment. Allower starting loss should be used in such patients (see DUSAGE ADMINISTRATION).

Information for Patients: Prescribers or other health professionals should inform patients, their families, and their caregivers about the benefits and risks associated with treatment with PAVL CR and should counsel them in its appropriate use. A patient medication Guide About Using Arididepressants in Children and Temperate the contents of the Medication Guide and should assist them in undestanding its corteins. Patients should be given the apportunity to discuss the contents of the Medication Guide and to obtain answers to any questions they may have. The complete text of the Medication Guide and should assist them undestanding its corteins. Patients should be given the opportunity to discuss the contents of the Medication Guide and to obtain answers to any questions they may be completed the more for the medication found to the contents of the Medication Guide and to obtain answers to any questions they may be the proper than the contents of the Medication Guide and to obtain answers to any questions the more desirable than the contents of the Medication Guide and to obtain answers to any questions the more desirable than the contents of the Medication Guide and to obtain answers to any questions the more desirable than the contents of the medication of the contents of the Medication Guide and to obtain answers to any questions the patients and contents of the contents of the Medication Guide and to obtain answers to a patient to the terms of the medication of the contents of the development of the medication of the contents of the development of the medication of the patients presented the patients and the contents of the patients of the Individual to a content of the patients of the Individual than the Medication of the Individual than the Medication of the Individual t

Triptans: There have been rare postmarketing reports describing patients with weakness, hyperreflexia, and incoordination

(paroxetine hyporchion) (paroxetine hyporchion) (paroxetine hyporchion) (paroxetine hyporchion) (paroxetine, sertraline) is clinically warranted, appropriate observation of the patient is advised (e.g., fluoxetine, fluoxet

results of this study may not address the case where the Z drugs are both being chronically dosed. No initial dosage adjustment with PAXIL. CR is considered necessary when coadministered with phenobarbital; any subsequent adjustment should be guided by clinical elfect.

Pharytoin: When a single oral 30-mg dose of immediate-release paroxetine was administered at phenytoin steady state (300 mg once daily for 14 days), paroxetine AUC and Ti₁₂ were reduced (by an average of 50% and 35%, respectively) compared to immediate-release paroxetine administered afone. In a separate study, when a single oral 300-mg dose of phenytoin was administered at paroxetine steady state (30 mg once daily for 14 days), phenytoin AUC was slightly reduced (12% on average) compared to phenytoin administered afone. Since both drugs exhibit nonlinear pharmacokinetics, the above studies may not address the case where the 2 drugs are both being chronically dosed. No initial dosage adjustments are considered necessary when PAXIL. CR is coadministered with phenytoir; any subsequent adjustments should be guided by clinical effect (see ADVERSE REACTIONS——Destanaketing Reports).

Drugs Metabolized by CYP2D6. Many drugs, including most drugs effective in the treatment of major depressive disorder (peroxetine, other SSRs, and many tricyclies), are metabolized by the controller of the state of the state

of effect on terfenadine's in vivo clearance predicts its effect on other CYP3A4 substrates, peroxetine's extent of inhibition of CYP3A4 activity is not likely to be of clinical significance.

**Tricyclic Antidippressants (TGAs): Caution is indicated in the coadministration of TCAs with PAXIL, CR, because paroxetine may inhibit TCA metabolism. Plasma TCA concentrations may need to be monitored, and the dose of TCA may need to be reduced, if a TCA is coadministered with PAXIL CR (see PRECAUTIONS—Drugs Metabolized by Cytochrome CYP2D6).

**Drugs Highly Bound to Plasma Protein: Because paroxettine is highly bound to plasma protein, administration of PAXIL CR to a pollient taking another drug that is highly protein bound may cause increased free concentrations of the other drug, potentially resulting in adverse events. Conversely, adverse effects could result from displacement of paroxetine by other highly bound drugs.

**Drugs That Interfere With Hamastasis (IKSAIDs, Aspirin, Warfarin, etc.): Sectionin release by platelets plays an important role in hemostasis. Epidemiological studies of the case-control and cohort design that have demonstrated an association between use of psychotropic drugs that interfere with seriotinin reuptake and the occurrence of upper gastrointestinal bleeding have also shown that concurrent use of an NSAID or aspirin potentiated the risk of bleeding. Trus, patients should be cautised to avoid actional withe taking PAXIL CR.

**Alcohot Although paroxetine does not increase the impairment of mental and motor skills caused by alcohol, patients should be advised to avoid actional white taking PAXIL CR.

**Lithium:*A multiple-dose study with immediate-release paroxetine hydrochloride has shown that there is no pharmacokinetic.

Lithium: A multiple-dose study with immediate-release paroxetine hydrochloride has shown that there is no charmacokinetic

Lithium: A multiple-cose study with immediate-release paroxiben hydrochloride has shown that there is no pharmacokinetic interaction between peroxetine and lithium corbonate. However, due to the potential for serotorin syndrome, caution is advised when immediate-release paroxetine hydrochloride is coadministered with lithium.

Digoxii: The steady-state pharmacokinetics of paroxetine was not altered when administered with digoxin at steady state. Mean digoxin AUC at steady state decreased by 15% in the presence of paroxetine. Since there is little clinical experience, the concurrent administration of PAXIL CB and clippoxin should be undertaken with caution.

Diazapam: Under steady-state conditions, diazapam does not appear to affect paroxetine kinetics. The effects of paroxetine on diazapam are not excluded.

diazepam were not evaluated.

Procyclidine Daily oral dosing of immediate-release paroxetine (30 mg once daily) increased steady-state AUC_{COA}, C_{non} and C_{non} values of procyclidine (5 mg oral once daily) by 35%, 37%, and 67%, respectively, compared to procyclidine alone at steady state. It anticholinerige effects are seen, the dose of procyclidine should be reduced.

**Beta-Blockers:* In a study where propranolol (80 mg twice daily) was dosed orally for 18 days, the established steady-state plasma concentrations of propranolol were unaliered during coadministration with immediate-release paroxetine (30 mg once daily) for the final 10 days. The effects of propranolol on paroxetine have not been evaluated (see ADVERSE REACTIONS—Postmarketing Reports).

Postmarketing Reports).

Theophylline: Reports of elevated theophylline levels associated with immediate-release paroxetine treatment have been reported. While this interaction has not been formally studied, it is recommended that theophylline levels be monitored when these drugs are concurrently administered.

Fosamprenavir/Ritonavir: Co-administration of losamprenavir/ritonavir with paroxetine significantly decreased plasma levels of paroxetine. Any dose adjustment should be guited by clinical effect (telerability and efficacy).

Foctoroconvolsive Therapy (EGT): There are no clinical studies of the combined use of EGT and PAXIL OR.

Carcinogenesis, Mutagenesis, Impairment of Fertility: Carcinogenesis: Two-year carcinogenicity studies were conducted in rodents given paroxetine in the diet at 1, 5, and 25 mg/kg/dg/ yfincle) and 1, 5, and 20 mg/kg/dg/ yfincle) and 3 (rat) times the maximum recommended human dose (MRHD) on a mg/m² basis. There was a significantly increased innear trend across dose groups for the occurrence of lymphyredioust runners in male rats. Female rats were not affected. Although there was a dose-related increase in the number of tumors in mile rats. Female rats were not affected. Although there was a dose-related increase in the number of miles with tumors. The relevance of these findings to humans is surknown.

Mutagenesis: Paroxetine produced no genotoxic effects in a hattery of 5 in wite and 2 in the relevance of these findings.

in tumors in mice, there was no drug-related increase in the number of mice with tumors. The relevance of these findings to humans is unknown.

Mutagenesis: Paroxetine produced no genotoxic effects in a battery of 5 in vitro and 2 in vivo assays that included the following: Bacterial mutation assay, mouse lymphoma mutation assay, unscheduled DNA synthesis assay, and tests for cytogenetic aberrations in vivo in mouse borne marrow and in vitro in human hymphotyets and in a dominant lethal test in rats.

Impairment of Fertility: A reduced pregnancy rate was found in reproduction studies in rats at a dose of paroxetine of 15 mg/kg/day, which its approximately twice the MRRID on a mg/m² basis, treversible testions occurred in the reproductive tract of male rats after dosing in toxicity studies for 2 to 52 weeks. These lesions consisted of vacculation of epiddidymal tubular epithelium at 50 mg/kg/day and atrophic changes in the seminiferous tubules of the testes with arrested spermatogenesis at 25 mg/kg/day (approximately 8 and 4 times the MRRID on a mg/m² basis, treversible testes with arrested spermatogenesis at 25 mg/kg/day (approximately 8 and 4 times the MRRID on a mg/m² basis.)

Prognancy: Pregnancy Category D. See WARNINGS—Usage in Pregnancy: Teratogenic 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 for labor and delivery in humans is unknown.

Nursing Mothers: Like many other drugs, paroxetine for pediatric patients with the discladed and activities of the production of the pediatric patients with male data were not sufficient to support a claim for use in pediatric patients with MNDD have been conducted with PAXIL, and the data were not sufficient to support a claim for use in pediatric patients with MNDD have been conducted with PAXIL, and the data were not sufficient to support a claim for use in pediatric patients with the disclaiment of pediatric patients received with immediate-rel

Geriatric Use: In worldwide premarketing clinical trials with immediate-release paroxetine hydrochloride, 17% of paroxetine treated patients (approximately 700) were 65 years or older. Pharmacokinetic studies revealed a decreased clearance in the elicety; and a lower starting-dose is recommended; there were, however, no-overall-differences in-the-eloverse event-profile-between elderly and younger patients, and offectiveness was similar in younger and older patients (see CLINICAL PHARMACOL-06Y and DOSAGE AND ADMINISTRATION).

In a controlled study focusing specifically on elderly patients with major depressive disorder, PAXIL CR was demonstrated to be sale and effective in the treatment of elderly patients (>60 years) with major depressive disorder. (See CLINICAL PHARMACOLOGY-Clinical Yidals and ADVERSE REACTIONS—Table 2.)

ADVERSE REACTIONS

ADVERSE REACTIONS

The information included under the "Adverse Findings Observed in Short-Term, Placebo-Controlled Trials With PAXIL CR" subsection of ADVERSE REACTIONS is based on data from 11 placebo-controlled clinical trials. Three of these studies were conducted in patients with major depressive disorder, 3 studies were done in patients with panic disorder, 1 study was conducted in patients with major depressive disorder, and studies were done in female patients with PMDD. Two of the studies in major depressive disorder, which enrolled patients in the age range 18 to 65 years, are pooled, Information from a third study of major depressive disorder, which coused on elderly patients (60 to 88 years), is presented separately as is the information from the panic disorder studies and the information from the PMDD studies, information on additional advers events associated with PAXIL. CR and the immediate-release formulation of parcwetine hydrochloride is included in a separate subsection (see Other Events). Advorse Findings Observed in Short-Term, Placebo-Controlled Trials With PAXIL CR:

Advorse Events Associated With Discontinuation of Treatment: Major Depressive Disorder: Ten percent (21/212) of patients with calculations and considered to be drug related (i.e., those events associated with discontinual ton and considered to be drug related (i.e., those events associated with disportation and considered to be drug related (i.e., those events associated with disportation and considered to be drug related (i.e., those events associated with disportation and considered to be drug related (i.e., those events associated with disportation and considered to be drug related (i.e., those events associated with disportation and considered to be drug related (i.e., those events associated with disportation and considered to be drug related (i.e., those events associated with disportation and considered to be drug related (i.e., those events associated with disportation and considered to be drug related (i.e., those eve

	PAXIL CR (n=212)	Placebo (n=211)
Nausea	3.7%	0.5%
Asthenia	1.9%	0.5%
Dizziness	1.4%	0.0%
Somnolence	1.4%	0.0%

In a placebo-controlled study of elderly patients with major depressive disorder, 13% (13/104) of patients treated with PAXIL CR discontinued due to an adverse event. Events meeting the above criteria included the following:

	PAXIL CR (n=104)	Placebo (n=109)
Nausea	2.9%	0.0%
Headache	1.9%	0.9%
Depression	1.9%	0.0%
LFT's abnormal	1.9%	0.0%

Panic Disorder: Eleven percent (50/444) of patients treated with PAXIL CR in panic disorder studies discontinued treatment due to an adverse event. Events meeting the above criteria included the following:

	PAXIL CR	Placebo
	(n=444)	(n=445)
Nausea	2.9%	0.4%
Insomnia	1.8%	0.0%
Headache	1.4%	0.2%
Asthenia	1.1%	0.0%

Social Anxiety Disorder: Three percent (5/186) of patients treated with PAXIL CR in the social anxiety disorder study discontinued treatment due to an adverse event. Events meeting the above criteria included the following:

	PAXIL CH	Placebo
	(n=186)	(n=184)
Nausea	2.2%	0.5%
Headache	1.6%	0.5%
Diarrhea	1.1%	0.5%

Premenstrual Dysphoric Disorder: Spontaneously reported adverse events were monitored in studies of both continuous and intermittent dosing of PAXIL CR in the treatment of PMDD. Generally, there were few differences in the adverse event profiles of the 2 dosing regimens. Thirteen percent (88/681) of patients treated with PAXIL CR in PMDD studies of continuous dosing dis-

onlined treatment due to an adverse event (scroot) or patients treated with PAXIL CR in PMDD studies of continuous acising dis-continued treatment due to an adverse event.

The most common events (c1%) associated with discontinuation in either group treated with PAXIL CR with an incidence rate that is at least twice that of placebo in PADD trials that employed a continuous dosing regimen are shown in the following table.

This table also shows those events that were dose dependent (indicated with an asterisk) as defined as events having an inci-dence rate with 25 mg of PAXIL CR that was at least twice that with 12.5 mg of PAXIL CR (as well as the placebo proup).

PAXIL CR PAXIL CR (as well as the placebo

	25 mg	12.5 mg	Placebo
	(n=348)	(n=333)	(n=349)
TOTAL	15%	9.9%	6.3%
Nausea*	6.0%	2.4%	0.9%
Asthenia	4.9%	3.0%	1.4%
Somnolence*	4.3%	1.8%	0.3%
Insomnia	2.3%	1.5%	0.0%
Concentration Impaired*	2.0%	0.6%	0.3%
Dry mouth*	2.0%	0.6%	0.3%
Dizziness*	1.7%	0.6%	0.6%
Decreased Appetite*	1.4%	0.6%	0.0%
Sweating*	1.4%	0.0%	0.3%
Tremor*	1.4%	0.3%	0.0%
Yawn*	1.1%	0.0%	0.0%
Diarrhea	0.9%	1.2%	0.0%
and the second s			

Events considered to be dose dependent are defined as events having an incidence rate with 25 mg of PAXIL CR that was at least twice that with 12.5 mg of PAXIL CR (as well as the placebo group).

Commonly Observed Adverse Events: Major Depressive Disorder: The most commonly observed adverse events associated with the use of PAXL CR in a pool of 2 trials (incidence of 5.0% or greater and incidence for PAXIL CR at least twice that for place-bo, derived from Table 1) were: Abnormal ejaculation, abnormal vision, constipation, decreased libido, diarrhea, dizziness, female genital disorders, nausea, somnolence, sweating, trauma, tremor, and yawning.

Using the same criterin, the adverse events associated with the use of PAXIL CR in a study of elderly patients with major depressive disorder were: Abnormal ejaculation, constipation, decreased appetite, dry mouth, impotence, infection, libido decreased, sweating and tremor.

ting and tremor

sweating, and termor.

Panic Disorder in the pool of panic disorder studies, the adverse events meeting these criteria were: Abnormal ejacutation, somnolence, impotence, libido decreased, tremor, sweating, and female genital disorders (generally anorgasmia or difficulty

somnotence, imporance, multi-united uservesses, we must be social anxiety disorder study, the adverse events meeting these criteria were: Nausea, asthenia, abnormal ejaculation, sweating, somnotence, importence, insomnia, and fibilido decreased.

Prameristrad Dysphorio Disorder: The most commonly observed adverse events associated with the use of PAXIL CR either during continuous dosing or luteal phase dosing (incidence of 5% or greater and incidence for PAXIL CR at least twice that for placebo, derived from Table 5) were: Nausea, asthenia, ibido decreased, somnotence, insomnia, female genital disorders, sweating of the properties of

during Continuous obers of billower phase obsing (incremore of the or greater and incremore of the read of the phase controlled by were. Nausea, astheria, ibido decreased, somnolence, insomnia, female genital disorders, sweating, disziness, diarrhea, and constipation.

In the latest phase dosing PMDD trial, which employed dosing of 12.5 mg/day or 25 mg/day of PAXL CR smitted to the 2 weeks prior to the onset of menses over 3 consecutive menstrual cycles, adverse events were evaluated during the first 14 days of each off-drug phase. When the 3 off-drug phases when the 3 off-drug phases were combined, the following adverse events were revaluated during the first 14 days of each off-drug phase. When the 3 off-drug phases were combined, the following adverse events were revaluated during the first 14 days of each off-drug phase. When the 3 off-drug phases were combined, the following adverse events were revaluated during the first 14 days of each off-drug phase. When the 3 off-drug phases were combined, the following adverse events were revaluated during the first 14 days of each off-drug phase. When the 3 off-drug phases were combined, the following adverse events were revaluated during the first 14 days of each off-drug phase. When the 3 off-drug phases were dosed in 2.5%, depression (2.5% versus 0.6%), and astheria (2.6% versus 0.6%), insomia (2.4% versus 0.6%), sinsuitis (2.4% versus 0%), and astheria (2.6% versus 0.6%), were supported at an incidence of 1% or greater and at an incidence of 1% or greater among patients of the phase of the

to the drives or immess queen preservoising an 123 migroup of 23 migroup. 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 that prevailed in the clinical trials, similarly, the citied frequencies cannot be compared with figures obtained from other clinical investigations involving different reatments, 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 1. Treatment-Emergent Adverse Events Occurring in ≥1% of Patients Treated With PAXIL CR in a Pool of 2 Studies in Major Depressive Disorder^{1,2}

	% Reporting Event				
Body System/Adverse Event	PAXIL CR (n=212)	Placebo (n=211)			
Body as a Whole Headache Asthenia Infection ³ Abdininial Pain Back Pain Trauma ⁴ Pain ⁵ Allergic Reaction ⁶	27% 14% 8% 7% 5% 5% 3% 2%	20% 9% 5% 4% 3% 1% 1%			
Cardiovascular System Fachycardia /asodilatation?	1% 2%	0% 0%			
Digestive System Nausea Dirr Mea Dry Mouth Constipation Flatulence Decreased Appetite Vomiting	22% 18% 15% 10% 6% 4% 2%	10% 7% 8% 4% 4% 2% 1%			
Nervous System Somnolence Insomnia Dizziness Licido Decreased Iremor Hypertonia Paresthesia Aglation Confusion	22% 17% 14% 7% 7% 3% 3% 2%	8% 9% 4% 3% 1% 1% 1%			
Respiratory System fawn Rhinitis Cough Increased Gronchitis	5% 4% 2% 1%	0% 1% 1% 0%			
Skin and Appendages Sweating Photosensitivity	6% 2%	2% 0%			
Special Senses Unormal Vision ^s Taste Perversion	5% 2%	1% 0%			
Urogenital Systom Shormal Ejacublion ^{9,10} Female Genital Disorder ^{0,11} Impotence ⁹ Urinary Tract Infection Menstrual Disorder ⁸ Againtte ⁹	26% 10% 5% 3% 2%	1% <1% 3% 1% <1%			

vaginities*

2%

Che

(%)

1. Adverse events for which the PAXIL CR reporting incidence was less than or equal to the placebo incidence are not included. These events are: Abnormal dreams, anxiety, arthralgia, depersonalization, dysmentorthea, dyspepsia, hyperkinesia, increased appetite, myaglia, ner vousness, priaryngilis, purpura, rash, respiratory disorder, sinustitis, urinary frequency, and weight gain. 2. < 1% means greater than zero and less than 1%.
4. A wide variety of injuries with no obvious pattern.
5. Pain in a variety of locations with no obvious pattern.
6. Most frequently seasonal allergic symptoms.
7. Usually flushing.
8. Mostly burred vision.
9. Based on the number of males or females.
10. Mostly nongasmia or delayed ejacutation.

Mostly anorgasmia or delayed ejaculation.
 Mostly anorgasmia or delayed orgasm.

Table 2. Treatment-Emergent Adverse Events Occurring in ≥5% of Patients Treated With PAXIL CR in a Study of Elderly Patients With Major Depressive Disorder^{1,2}

	% Reporting Event				
Body System/Adverse Event	PAXIL CR (n=104)	Placebo (n=109)			
Body as a Whole Headache Asthenia Trauma Infection	17% 15% 8% 6%	13% 14% 5% 2%			
Digestive System Dry Mouth Diarrhea Constipation Dyspepsia Decreased Appetite Flatulence	18%, 15% 13% 13% 12% 8%	7% 9% 5% 10% 5%			
Nervous System Somnolence Insamnia Dizziness Libido Decreased Tremor	21% 10% 9% 8% 7%	12% 8% 5% <1% 0%			
Skin and Appendages Sweating	10%	<1%			
Urogenital System Abnormal Ejaculation ^{3,4} Impotence ³	17% 9%	3% 3%			

1976

1. Adverse events for which the PAXIL CR reporting incidence was less than or equal to the placebo incidence are not included. These events are nausea and respiratory disorder.

2. <1% means greater than zero and less than 1%.

3. Based on the rumber of males.

4. Mostly anorgasmia or delayed ejaculation.

Table 3. Treatment-Emergent Adverse Events Occurring in ≥1% of Patients Treated With PAXIL CR in a Pool of 3 Panic Disorder Studies¹2

	% Reporting Event			
Body System/Adverse Event	PAXIL CR (n=444)	Placebo (n=445)		
Body as a Whole Astrenia Abdominal Pain Trauma ³	15% 6% 5%	10% 4% 4% 4%		
Cardiovascular System Vasodilation	3%	2%		
Digestive System Nausea	23%	17%		

continued

Table 3. Treatment-Emergent Adverse Events Occurring in ≥1% of Patients Treated With PAXIL CR in a Pool of 3 Panic Disorder Studies¹2 (continued)

	% Reporting Event					
Body System/Adverse Event	PAXIL CR (n=444)	Placebo (n=445)				
Digestive System (cont'd) Dry Mouth Diarrhea Constipation Decreased Appetite	13% 12% 9% 8%	9% 9% 6% 6%				
Metabolic/Nutritional Disorders Weight Loss	1%	0%				
Musculoskeletal System Myalgia	5%	3%				
Norvous System Insomnia Somnolence Libido Decreased Norvousness Tremor Aruslety Agitation Hypertonia ⁵ Mycdanus	20% 20% 9% 8% 8% 5% 3% 2%	11% 9% 4% 7% 2% 4% 4% 4% 1%				
Respiratory System Sinusitis Yawn	8% 3%	5% 0%				
Skin and Appendages Sweating	7%	2%				
Special Senses Abnormal Vision ⁶	3%	<1%				
Urogenital System Abnormal Ejaculation ^{y A} Impolence ⁹ Female Genital Disorders ^{9,10} Urinary Frequency Urinarion Impaired Vaginitis ⁸	27% 10% 7% 2% 2% 1%	3% 1% 1% <1% <1% <1%				

Table 4. Treatment-Emergent Adverse Effects Occurring in ≥1% of Patients Treated With PAXIL CR in a Social Anxiety Disorder Study^{1,2}

	% Reporting Event					
Body System/Adverse Event	PAXIL CR (n=186)	Placebo (n=184)				
Body as a Whole Headache Asthenia Abdominal Pain Back Pain Trauma' Allergin Reaction ⁴ Chest Pain	23% 18% 5% 4% 3% 2% 1%	17% 7% 4% 1% <1% <1% <1%				
Cardiovascular System Hypertension Migraine Tachycardia	2% 2% 2%	0% 1% 1%				
Digestive System Nausea Diarrhea Constipation Dry Mouth Dysoepsia Decreased Appetite Tooth Disorder	22% 9% 5% 3% 2% 1%	6% 8% 2% 2% <1% <1% 0%				
Metabolic/Nutritional Disorders Weight Gain Weight Loss	3% 1%	1% 0%				
Nervous System Insomnia Sommolence Libido Decreased Dizaness Tremor Anxiety Concentration Impaired Depression Mycdonus Paresthesia	9% 9% 8% 8% 4% 4% 2% 2% 2% 1%	4% 4% 1% 4% 2% 1% 0% 1% <1% <1%				
Respiratory System Yawn	2%	0%				
Skin and Appendages Sweating Eczema	14% 1%	3% 0%				
Special Senses Abnormal Vision ⁵ Abnormality of Accommodation	2% 2%	0% 0%				
Urogonital Systom Abnormal Ejaculation ^{6,7} Impotence ⁶ Female Genital Disorders ^{8,6}	15% 9% 3%	1% 0% 0%				

Female Genital Disorders^{3,5} 3% 0%

1. Adverse events for which the reporting rate for PAXIL CR was less than or equal to the placebo rate are not included. These events are: Dysmenorrhea, (tatulence, gastroenteritis, hypertonia, infection, pain, pharyngitis, rash, respiratory disorder, rhinitis, and vomiting.
2. <1% means greater than zero and less than 1%.
3. Various physical injuries.
4. Most frequently seasonal altergic symptoms.
5. Mostly burred vision.
6. Based on the number of male patients.
7. Mostly anorgasmia or delayed ejacutation.
8. Based on the number of temale patients.
9. Mostly anorgasmia or difficulty achieving orgasm.

Table 5. Treatment-Emergent Adverse Events Occurring in ≥1% of Patients Treated With PAXIL CR in a Pool of 3 Premenstrual Dysphoric Disorder Studies With Continuous Dosing or in 1 Premenstrual Dysphoric Disorder Study With Luted Phase Posico (2-3)

	% Reporting Event					
	Continuo	is Dosing	Luteal Pha	ase Dosing		
Body System/Adverse Event	PAXIL CR (n=681)	Placebo (n=349)	PAXIL CR (n=246)	Placebo (n=120)		
Body as a Whole Asthenia Headache Infection Abdominal pain	17% 15% 6%	6% 12% 4%	15% 	4% 0%		
Cardiovascular System Migraine	1%	<1%	_	_		
Digestive System Natusea Diarrhea Constipation Dry Mouth Increased Appetite Decreased Appetite Dyspepsia Ginghitis	17% 6% 5% 4% 3% 2% 2%	7% 2% 1% 2% <1% <1% <1%	18% 6% 2% 2% —————————————————————————————	2% 0% <1% <1% - 0% 2% 0%		
Metabolic and Nutritional Disorders Generalized Edema Weight Gain	Ξ	Ξ	1% 1%	<1% <1%		
Musculoskeletal System Arthralgia	2%	1%	_	_		
Norvous System Libido Decressed Somnolence Insomnia Dizziness Tremor Concentration Impaired Nervousness Anxiety Lack of Emotion Depression Vertigo Abnormal Dreams Annesia	12% 9% 8% 7% 4% 3% 2% 2% 2% ——————————————————————————	5% 2% 2% 3% <1% <1% <1% <1% <1% <1% <1%	9% 3% 7% 6% 5% 13% ——————————————————————————————————	6% <1% 3% 3% 0% 0% 2% — <1% <1% 0%		
Respiratory System Sinusitis Yawn Bronchitis Cough Increased	2% 1%	<1% <1%	4% 2%	2% 0%		
Skin and Appendages Sweating	7%	<1%	6%	<1%		
Special Senses Abnormal Vision			1%	0%		
Urogenital System Female Genital Disorders ⁴ Menorrhagia Vaginal Moniliasis Menstrual Disorder	8% 1% 1%	1% <1% <1%	2% — — 1%	0% 0%		

1. Adverse events for which the reporting rate of PAXIL CR was less than or equal to the placebo rate are not included. These events for continuous dosing are: Abdominal pain, back pain, pain, trauma, weight gain, myalgia, pharyngitis, respiratory disorder, rhinitis, shusitis, puratus, dynemorthea, menstrual disorder, urlarry tract infection, and vomling. The events for luted phase design are: Allergic reaction, back pain, headache, infection, pain, trauma, myalgia, anxiety, pharyngitis, respiratory disorder, cystitis, and dysmenorrhea.

<1% means greater than zero and less than 1%

2. < 1">2. < 1">2. < 1">2. < 1">2. < 1">3. The lutted phase and continuous dosing Ph/DD trials were not designed for making direct comparisons between the 2 dosing regimens. Therefore, a comparison between the 2 dosing regimens. Therefore, a comparison between the 2 dosing regimens of the PM/DD trials of incidence rates shown in Table 5 should be avoided.
4. Mostly anorgasmia or difficulty achieving orgasm.
Dase Dependency of Advarce Events: The following table shows results in PM/DD trials of common advarse events, defined as events with an incidence of ≥1% with 25 mg of PAXIL CR that was at least twice that with 12.5 mg of PAXIL CR and with 12.5 mg of PAX

with placebo

Incidence of Common Adverse Events in Placebo, 12.5 mg and 25 mg of PAXIL CR in a Pool of 3 Fixed-Dose PMDD Trials

PAXIL CR	PAXIL CR	Placebo
(n=348)	(n=333)	(n=349)
		4
8.9%	4.2%	0.9%
6.0%	1.5%	0.3%
4.3%	1.5%	0.6%
3.2%	0.9%	0.3%
1.4%	0.3%	0.3%
1.1%	0.3%	0.0%
1.1%	0.3%	0.3%
	25 mg (n=348) 8.9% 6.0% 4.3% 3.2% 1.4% 1.1%	25 mg (n=348) (n=333) 8.9% 4.2% 6.0% 1.5% 4.3% 3.2% 0.9% 1.4% 0.3% 1.1% 0.3% 1.1% 0.3%

Vaginitis 1.1% 0.3% 0.3% 0.3%

A comparison of adverse event rates in a fixed-dose study comparing Immediate-release 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 the use of Immediate-release paroxetine.

Male and Formale Sexual Dystunction With SSRIs: Although changes in sexual desire, sexual performance, and sexual satisfaction often occur as manifestations of a psychiatric disorder, they may also be a consequence of pharmacologic treatment. In particular, some evidence suggests that SSRIs can cause such unitoward sexual experiences. Reliable estimates of the incidence and severally of unitoward experiences involving sexual desire, performance, and satisfaction are difficult to obtain; however, in part because patients and physicians may be reluctant to discuss them. Accordingly, estimates of the incidence of unitoward sexual performance (ted in product labering, are Bekey to underestimate in a final performance (ted in product labering, are Bekey to underestimate in a cludinoid control of the product labering are Bekey to underestimate in a cludinoid control of the product labering are Bekey to underestimate in a cludinoid control of the product labering are Bekey to underestimate in a cludinoid control of the product labering are Bekey to underestimate in a cludinoid product in patients with product disorder, in the pool of 3 placebo-controlled trials in patients with social anxiety disorder, and in the intermittent dosing and the pool of 3 placebo-controlled continuous dosing trials in female patients with PMDD are as follows:

	Major Depressive Disorder		Panic Disorder		Social Anxiety Disorder		PMDD Continuous Dosing		PMDD Luteal Phase Dosing	
	PAXIL CR	Placebo	PAXIL CR	Placebo	PAXIL CR	Placebo	PAXIL CR	Placebo	PAXIL CR	Placebo
n (males)	78	78	162	194	88	97	n/a	n/a	n/a	n/a
Decreased Libido	10%	5%	9%	6%	13%	1%	n/a	n/a	n/a	n/a
Ejaculatory Disturbance	26%	1%	27%	3%	15%	1%	n/a	n/a	n/a	n/a
Impotence	5%	3%	10%	1%	9%	0%	n/a	n/a	n/a	n/a
n (females)	134	133	282	251	98	87	681	349	246	120
Decreased Libido	4%	2%	8%	2%	4%	1%	12%	5%	9%	6%
Orgasmic Disturbance	10%	<1%	7%	1%	3%	0%	8%	1%	2%	0%

There are no adequate, controlled studies examining sexual dysfunction with paroxetine treatment.

Paroxetine treatment has been associated with several cases of priapism. In those cases with a known outcome, patients recovered without sequelate.

While it is difficult to know the precise risk of sexual dysfunction associated with the use of SSRIs, physicians should routinely inquire

about such possible size effects. Weight and vital Sign Changes: Significant weight loss may be an undesirable result of treatment with paroxetine for some patients but, or average, patients in controlled trials with PAVIL. CR or the immediate-release formutation, had minimal weight loss (about 1 pound), ho significant dranges in vital signific systetic and distribute but only sessive putse, and temperature) were observed in patients treated with PAVIL CR, or immediate-release paroxetine hydrochloride, in controlled clinical trials.

anges: In an analysis of ECGs obtained in 682 patients treated with immediate-release paroxetine and 415 patients treated

EGC Changes: In an analysis of ECGs obtained in 682 patients treated with immediate-release paroxetine and 415 patients treated with placebo in controlled clinical trials, no clinically significant changes were seen in the ECGs of either group.

Liver Function Tests: in a pool of 2 placebo-controlled clinical trials, patients treated with PAXIL CR or placebo exhibited abnormal-values on liver function tests at comparable rates. In particular, the controlled-release peroxetine-versus-placebo comparable rates. In particular, the controlled-release peroxetine-versus-placebo comparable rates in proposal particular patients with marked abnormalities. In a study of elderly patients with marked abnormalities. In a study of elderly patients with major depressive disorder, 3 of 104 patients treated with PAXIL CR and none of 109 placebo patients experienced fover transminses elevations of potential clinical concern.

Two of the patients treated with PAXIL CR dropped out of the study due to abnormal liver function tests; the third patient experienced formatication of transminses levels with continued treatment. Also, in the pool of 3 studies of patients with patients with paxill CR and none of 445 petients experienced fiver transminses elevations of potential clinical concern. Elevations in all 4 patients decreased substantially after discontinuation of PAXIL CR. The clinical significance of these findings is unknown.

these findings is unknown. in placebo-controlled clinical trials with the immediate-release formulation of paroxetine, patients exhibited abnormal values on liver

In placetic controlled dinical trials with the immediate-release formulation of paraxetine, patients exhibited abnormal values on fiver function tests at no greater rate than that seen in placebo-treated patients.

Halfucinations In pooled dinical trials of Immediate-release paraxetine hydrochloride, halfucinations were observed in 22 of 9089 patients receiving drug and in 4 of 3187 patients receiving placebo.

Other Events Observed During the Clinical Development of Paraxetine: The following adverse events were reported during the clinical development of PAVIL CR and/or the clinical development of the immediate-release formulation of paraxetine. Adverse events for which frequencies are provided below occurred in clinical trials with the controlled-release formulation of paraxetine. During its premarketing assessment in major depressive disorder, panic disorder, social anxiety disorder, and PMDD multiple doses of PAVIL CR were administered to 1,627 patients in phase 3 double-blind, controlled, outpatient studies. Unlowed events asserted by disorder recorded by disorder vision terminological dwith this consoling.

doses of PAXIL CR were administered to 1,627 patients in phase 3 double-brind, controlled, outpatient studies. Untoward 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 untoward events into a smaller number of standardized event categories.

In the tabulations that follow, reported adverse events were disastiled using a COSTART-based dictionary. The frequencies presented, therefore, represent the proportion of the 1,627 patients exposed to PAXIL CR who experienced an event of the type cited on at least 1 occasion white reaching PAXIL CR all reported events are included except those already listed in Tables 1 through 5 and those events where a drug cause was remote. If the COSTART term for an event was so general as to be uninformative, it was deleted or, when possible, replaced with a more informative term. It is important to emphasize that although the events reported occurred during treatment with procedine, they were not necessarily caused by it.

Events are further categorized by body system and listed in order of decreasing frequency according to the following definitions: Frequent adverse events are those occurring on 1 or more occasions in at least 17/100 patients (only those not already listed in the tabulated results from placebo-controlled trials appear in this listing); infrequent adverse events are those occurring in fewer than 171,000 patients.

Adverse events are vents are those occurring in fewer than 171,000 patients.

1/1,000 patients; rare events are those occurring in fewer than 1/1,000 patients.

Adverse events for which frequencies are not provided occurred during the premarketing assessment of immediate-release paroxetine in phase 2 and 3 studies of major depressive disorder, obsessive compulsive disorder, panic disorder, social anxiety disorder, generalized anxiety disorder, and posttraumatic stress disorder. The conditions and duration of exposure to immediate release paroxetine varied greatly and included (in overlapping categories) open and double-blind studies, uncontrolled and controlled studies, impatient and outpatient studies, and fixed-dose and titration studies. Only those events not previously listed for controlled-release parox-etine are included. The extent to which these events may be associated with PADL CR is unknown.

Events are listed alphabetically within the respective body system. Events on Imajor clinical importance are also described in the
PRECAUTIONS section.

Body as a Wholet Inferguent were chills face efferms leave the conformer makes are were deeper associated.

Body as a Whote: Infrequent were chills, face edema, fever, flu syndrome, malaise; rare were abscess, anaphylactoid reaction, anti-

Body as a Wholer Infrequent were chills, face edema, fever, flu syndrome, malaiser, rare were abscess, anaphylactoid reaction, anti-chollergic syndrome, hypothermia, also observed were adrenergic syndrome, neck rigidity, sepsis.

Cardiovascular Systam: Infrequent were angina pectoris, bradycarda, hematoma, hypetenesion, hypotension, palpitation, postural hypotension, supraventricular tachycardia, syncope; rare were bundle branch block, also observed were arrhythmia nodal, atrial fibria, hypotension, supraventricular achtasquis, eventration, cerebrovascular accident, corgestive heart faiture, low cardiac output, mypocardial infract, myocardial infort, myocardial infract, myocar

Endocrine System: Infrequent were ovarian cyst, testes pain; rare were disperses melitius, hypertryronism; aso coserved were golder, hypothyroidism, thyroidism. Infrequent were anemia, eosinophilia, hypodhronic anemia, leukocytosis, leukopenia, hym-phadenopathy, purpura; rare were thrombocytopenia; also observed were aniscoçtosis, basophilia, bleedring time lorcased, lymphadenopathy, purpura; rare were thrombocytopenia; also observed were aniscoçtosis, basophilia, bleedring time lorcased, lymphadenia, hyphopenia, microcytic anemia, monocytosis, normocytic anemia, thrombocytoenia.

Metabolic and Nutritional Disorders: Infrequent were generated edema, hyperglycemia, hypokalemia, peripheral edema, SGOT increased, CPPI increased, Visits; trare were bitriubnemia, dehydration, hyperdiadmia, obesity; also observed were alkaline phosphalase increased, gamma globutins increased, goul, hyperademia, hyperdia-bettermia humpartemia kuteria, better feshiotionemia hyporactionia benonkremia humpartemia kuteria. Better feshiotionemia hyporactionia benonkremia humpartemia kuteria keitric feshiotionemia hyporactionia. lesteremia, hyperphosphatemia, hypocalcemia, hypoglycemia, hyponatremia, ketosis, tactic dehydrogenase increased, non-pyotein nitrogen (NPN) increas

culoskoletal System: Infrequent were arthritis, bursitis, tendonitis; rare were myasthenia, myopathy, myositis; also observed

Musicuroskaletari System: intrequent were artintis, burstils, tendontilis, rare were myasithenia, myopathy, myositis; also chiserved were generalized spasm, osteoporosis, tenosynovilis, tetany. Nervous System: Ferquent were depression: infrequent were amnessia, convulsion, depersonalization, dystonia, emotional lability, Naturations, hyperkinesia, hyperkinesia, hipochinesia, incoordination, libido increased, neuralgia, neuropathy, nystagmus, paralysis, vertigo; rare were ataxis, coma, diplopia, dyskinesia, hostifity, paranoid reaction, torticolis, withdrawal syndrome; also observed were abnormal gait, skaltisia, akinesia, aphasia, choreoathetosis, circumoral porestiesia, delinium, delusions, dysarthria, euphoria, extraoyramidal syndrome, fasciculations, grand mal corructions, hyperagiesis, irritability, manier reaction, manier reaction, manier reaction, meningitis, myetilis, peripheral neuritis, psychosis, psychotic depression, reflexes decreased, reflexes increased, stupor, trismus.

Respiratory System: Frequent were pharyngills; infrequent were above the related verereased, related in visitos.

Respiratory System: Frequent were pharyngills; infrequent were astimal, dysprea, apistads, laryngills, pneumonia; rare were stridor, also observed were dysphonia, emphysema, hemoptysis, hiccups, hyperventitation, lung librosis, pulmonary edema, respiratory flu, sputum increased.

ratory ius, sputum increased.

Skin and Appendages: Frequent were rash; infrequent were acne, alopeda, dry skin, eczema, pruritus, urticaria; rare were extoliative dermatiis, lurunculosis, pustular rash; seborrhea; also observed were angioedema, ecchymosis, erythema multiforme, erythema
nodosum, hirsulism, maculopapular rash, skin discoloration, skin hypertrophy, skin ulcer, sweating decreased, vesiculotuous rash.

Special Senses: infrequent were conjunctivitis, earache, keratoconjunctivitis, mydriasis, photoprobia; ethela hemorrhage; linnitus;
rare were blepharitis, visual field defect; also observed were amblyopia, aniscooria, blurred vision, cataract, conjunctival edema, comeal
ulcer, deafness, exophitalmos, glaucoma, hyperacusis, night blindness, parosmia, plosis, taste foss.

Unogenital System: Frequent were dysmenorrhea; infrequent were albuminuria, amenorrhea; vereast pain; cystilis, dysuria, pro-

Uroganital System: Frequent were dysmerorinest; infrequent were abuninurla, amenorinest; breast pain", cystitis, dysurla, pro-satilis", urinary retention; rare were breast enlargement", preast neoplasm", lemale lactation, hemaluria, kidney calculus, metorma-gia", nephritis, nocturia, pregnancy and puerperal disorders', saliengilis, urinary incontinence, uterine libroride proged", abe observed were breast strophy, esculatory disturbance, enlargement, seliengilis, procession, because the procession of the proce

DRUG ABUSE AND DEPENDENCE

DRUG ABUSE AND DEPENDENCE
Controlled Substance Class: PAXL CR is not a controlled substance.
Physical and Psychologic Depondence PAXL R has not been systematically studied in animals or humans for its potential for abuse, futerance or physical dependence. While the clinical visals did not reveal any tendency for any drug-seeking behavior, these observations were not systematic and it is not possible to predict on the basis of this finited experience the extent to which a DRS-active drug will be misused, diverted, and/or abused once marketed. Consequently, potients should be evaluated carefully for history of drug abuse, and such patients should be observed closely for signs of misuse or abuse of PAXL CR (e.g., development of tolerance, incrementations of those flows reactions between the original patients.) incrementations of dose, drug-seeking behavior).

OVERDOSAGE

Human Experience: Since the introduction of immediate-release paroxetine hydrochloride in the United States, 342 spontaneous Human Experience: Since the introduction of immediate-release paracretine hydrochloride in the United States, 342 spontaneous cases of deliberate or accidental overdosage during paracretine treatment have been reported worldwise (circa 1999). These include overdoses with paracretine alone, and in combination with other substances, of these, 48 cases were fatal and of the fatalities, 17 appeared to involve paracretine alone, 80 first fatal cases that documented the amount of paracretine largested were generally confounded by the ingestion of other drugs or alcohol or the presence of significant comorbid conditions, 01 145 non-fatal cases with vnown outcome, most recovered without sequelae. The largest known injection involved 2,000 mg of paracretine (35 times the maximum recommended daily dose) in a patient who recovered. Commonly reported adverse events associated with paracretine overdosage include somnolence, coma, nausea, tremor, tachycordia, contaison, vomiting, and dizviewes. Other notable stgns and symptoms observed with overdoses involving paracretine (alone or with other substances) involved mydriasis, convulsions (including status epilepticus), ventricular dyshryhmias (including torside de pointes), hyperfansion, acoressive reactions, synopous hypotension, subsonal, and adoption with substances).

hypertension, aggressive reactions, syncope, hypotension, stupor, bradycardia, dystonia, rhabdomyolysis, symptoms of hepatic dystunction (including hepatic batter, hepatic necrosis, jaundice, hepatitis, and hepatic steatosis), serotonin syndrome, manic reactions myoclorus, acute renal failure, and urinary retention.

PAXIL CRO (paroxetine hydroch) ntrolled-Release Tablets

Overdosage Management: Treatment should consist of those general measures employed in the management of overdosage with

Overdosage Management: residentes should consist of those general measures employed in the management of overdosage with any drugs effective in the treatment of major depressive cisorder.

Ensure en adequate airway, oxygenation, and verifilation. Monitor cardiac rhythm and vital signs, General supportive and sympto-matic measures are also recommended. Induction of emess is not recommended. Castric 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 antidotes for parcectine are known.

A specific caution involves patients taking or recently having taken parosetine who might ingest excessive quantities of a tricyclic antidepressant. In such a case, accumulation of the parent tricyclic and an active metabatte may increase the possibility of cinically significant sequelae and extend the time needed for close medical observation (see PRECAUTIONS—Drugs Metabaticed by Cyticchrome CYP206).

In managing overdosage, 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).

DOSAGE AND ADMINISTRATION

DOSAGE AND ADMINISTRATION Major Depressive Disorder: Usual initial Dosage: PAXIL CR should be administered as a single daily dose, usually in the morning, with or without food. The recommended initial dose is 25 mg/day. Patients were dosed in a range of 25 mg to B2.5 mg/day in the clinical trials demonstrating the effectiveness of PAXIL CR in the treatment of major depressive disorder. As with all drugs effective in the treatment of major depressive disorder, the little effect may be delayed. Some patients not responding to a regnoding to a regnore disorder, the disorder in the disorder in the significant of the disorder in the di

I week.
Patients should be cautioned that PAXIL CR should not be chewed or crushed, and should be swallowed whole.
Maintanance Thorapy: There is no body of evidence available to answer the question of how long the patient treated with PAXIL CR should remain on it. It is generally agreed that coute episodes of major depressive discrete require several months or longer of sustained pharmacologic therapy. Whether the dose of an anticepressant needed to induce remission is identical to the dose needed to maintain and/or sustain authymia's unknown.

Systematic evaluation of the efficacy of immediate-release paraxetine hydrochloride has shown that efficacy is maintained for periods of up to 1 year with doses that averaged about 30 mg, which corresponds to a 37.5-mg dose of PAXIL CR, based on relative bioavailability considerations (see CURICAL PHARMACOLLOGY—Pharmacokinetics).

Panic Disorder: Usual Initial Dosage PAXIL CR should be administered as a single daily dose, usually in the moming, Patients should be started on 12.5 mg/day, Dose changes should occur in 12.5-mg/day increments and at intervals of at least 1 week. Patients were dosed in a range of 12.5 to 75 mg/day in the clinical trials demonstrating the effectiveness of PAXIL CR. The maximum dosage should not exceed 75 mg/day.

Panic Disorder. Usual Initial Dosage: PAXIL CR should be administered as a single daily dose, usually in the moming. Patients were dosed in a range of 12.5 to 75 my/day, the telinical trials demonstrating the effectiveness of PAXIL CR. The maximum dosage should not exceed 75 my/day.

Patients should be caudioned that PAXIL CR should not be chewed or crushed, and should be swallowed whole.

Maintenance Therapy-Long-term maintenance of efficacy with the immediate-release formulation of paroxetine was demonstrated a lower relapse rate compared to patients on placeto. Partic disorder is a chronic condition, and it is reasonable to consider continuation for a responding patient. Dosage adjustments should be made to maintain the patient on the lowest effective dosage, and patients should be periodically reassessed to determine the need for continued ventment.

Social Anxistry Disorder: Extent Initial Dosage PAXIL CR should be administered as a single daily dose, usually in the mamining, with or without food. The recommended initial dose is 12.5 my/day, Patients were dosed in a range of 12.5 my to 37.5 my/day in the clinical trial demonstrating the effectiveness of PAXIL CR in the treatment of social anxiety discorder. If the dose is increased, this should be cautioned that PAXIL CR should not be chewed or crushed, and should be swallowed whole.

Maintanance Therapy: There is no body of evidence available to anxiem the quality discorder. If the dose is increased, this should be periodically reassessed to determine the need for continued to the lowest effective dosage, and patients should be actioned that PAXIL CR should not be chewed or crushed, and should be swallowed whole.

Maintanance Therapy: There is no body of evidence available to anxiem the quality of the patient of the termination of the patient of which the patients of the patients should be expendically reassessed to determine the need for continued cellure daily throughout the menstrual cycle, depending on physician assessment. The recommended initial dos

HOW SUPPLIED
PAUL CR is supplied as an enteric film-coated, controlled-release, round tablet, as follows:
12.5-mg yellow tablets, engraved with PAXIL CR and 12.5
NDC 0029-3206-13 Bottles of 30
25-mg print tablets, engraved with PAXIL CR and 25
NDC 0029-3207-13 Bottles of 30
27 029-3207-13 Bottles of 30

37.5 mg blue tablets, engraved with PAXIL CR and 37.5 NDC 0029-3209-13 Bottles of 30 Store at or below 25°C (77°F) [see USP].

PAXIL CR is a registered trademark of GlaxoSmithKline. GEOMATRIX is a trademark of Jago Pharma, Muttenz, Switzerland.

Medication Guide PAXIL CR° (PAX-ii) (paroxetina hydrochloride) Controlled-Release Tablets About Using Antidepressants in Children and Teenagers

What is the most important information I should know if my child is being prescribed an antidepressant?

Parents or guardians need to think about 4 important things when their child is prescribed an antidepressant:

- There is a risk of suicidal thoughts or actions
 How to try to prevent suicidal thoughts or actions in your child
 You should watch for certain signs if your child is taking an antidepressant
 There are benefits and risks when using antidepressants.

1. There is a Risk of Suicidal Thoughts or Actions

Children and teenagers sometimes think about suicide, and many report trying to kill themselves.

Antidepressants increase suicidal thoughts and actions in some children and teenagers. But suicidal thoughts and actions can also be caused by depression, a serious medical condition that is commonly treated with antidepressants. Thinking about killing yourself or trying to kill yourself is called suicidality or being suicidal.

A large study combined the results of 24 different studies of children and leenagers with depression or other illnesses. In these studies, patients took either a placebo (sugar pill) or an antidepressant for 1 to 4 months. No one committed suicide in these studies, but some patients became suicidal. On sugar pills, 2 out of every 100 became suicidal. On the antidepressants, 4 out of every 100 patients became suicidal.

For some children and teonagers, the risks of suicidal actions may be especially high. These include patients with

Bipolar illness (sometimes called manic-depressive illness)

A family history of bipolar illness

A personal or lamily history of attempting suicide
If any of these are present, make sure you tell your healthcare provider before your child takes an antidepressant.

2. How to Try to Prevent Suicidal Thoughts and Actions

To try to prevent suicidal thoughts and actions in your child, pay close attention to changes in her or his moods or actions, especially if the changes occur suddenly. Other important people in your child's tille can help by paying attention as well (e.g., your child, brothers and sisters, teachers, and other important people). The changes to look out for are tisted in Section 3, on what to

Whenever an antidepressant is started or its dose is changed, pay close attention to your child.

After starting an antidepressant, your child should generally see his or her healthcare provide

Once a week for the first 4 weeks Every 2 weeks for the next 4 weeks After taking the antidepressant for 12 weeks

After 12 weeks, follow your healthcare provider's advice about how often to come back More often if problems or questions arise (see Section 3)

You should call your child's healthcare provider between visits if needed

3. You Should Watch for Certain Signs if Your Child Is Taking an Antidepressant

Contact your child's healthcare provider *right away* if your child exhibits any of the following signs for the first time, or if they seem worse, or worry you, your child, or your child's teacher:

• Thoughts about suicide or dying

Attempts to commit suicide

New or worse depression New or worse anxiety

New or worse anxiety
Feeling very agitated or restless
Paric attacks
Difficulty steeping (insomnia)
New or worse irritability
Acting aggressive, being angry, or violent
Acting an dangerous impulses
Acting the processe in activity and talking An extreme increase in activity and talking

Other unusual changes in behavior or mood

Never let your child stop taking an antidepressant without first talking to his or her healthcare provider. Stopping an antidepressant suddenly can cause other symptoms.

4. There Are Benefits and Risks When Using Antidepressants

Antidepressants are used to treat depression and other illnesses. Depression and other illnesses can lead to suicide. In some children and teenagers, treatment with an antidepressant increases suicidal thinking or actions. It is important to discuss all the risks of treatment depression and also the risks of not treating it. You and your child should discuss all treatment choices with your healthcare provider, not just the use of antidepressants.

Other side effects can occur with antidecressants (see section below)

Of all the antidepressants, only fluoxetine (Prozac*)* has been FDA approved to treat pediatric depression.

For obsessive compulsive disorder in children and teenagers, FDA has approved only fluoxetine (Prozac*)*, sertratine (Zoloft*)*, fluoxamine, and clomipramine (Analrani*)*.

Your healthcare provider may suggest other antidepressants based on the past experience of your child or other family members.

Is this all I need to know if my child is being prescribed an antidepressant?

No. This is a warning about the risk for suicidality, Other side effects can occur with antidepressants. Be sure to ask your health-care provider to explain all the side effects of the particular drug he or she is prescribing. Also ask about drugs to avoid when taking an antidepressant. Ask your healthcare provider or pharmacist where to find more information.

"The following are registered trademarks of their respective manufacturers: Prozac*/Eli Lilly and Company; Zoloft*/Pfizer Pharmaceuticals; Anafranil*/Mallindvoolt Inc.

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

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GlaxoSmithKline Research Triangle Park, NC 27709

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