

February 21, 2002

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Dear DrReducted

Your representative, Michael Santeramo, forwarded your request for information regarding the use of Paxil® (paroxetine hydrochloride) for the treatment of depression, obsessive compulsive disorder (OCD), panic disorder, social anxiety disorder (social phobia) or generalized anxiety disorder (GAD) in children and/or adolescents.

SUMMARY

- Paxil is not FDA-approved for use in children or adolescents; therefore, we may not offer any recommendations regarding the use of Paxil in these patients.
- A search of the Medical Information Department's published literature database and MEDLINE identified several studies and case reviews discussing the use of Paxil in children or adolescents for the treatment of depression, OCD, panic disorder or social anxiety disorder. In the identified publications patient ages ranged from 5 to 18 years.
- A double-blind, placebo-controlled study by Keller et al evaluated treatment of Paxil and imipramine in adolescents with depression. In this study Paxil was superior to placebo by several assessment methods, including 1) response defined as Hamilton Depression Rating Scale (HAM-D) total score ≤ 8; 2) HAM-D depressed mood item; 3) the Schedule for Affective Disorders and Schizophrenia for School-age Children Lifetime version (K-SADS-L) depressed mood item; and 4) CGI-I score of 1 (very much improved) or 2 (much improved). Paxil was better tolerated than treatment with imipramine.

- Another study in depression showed numerical improvement in response based on Montgomery Asberg Depression Rating Scale (MADRS) after treatment with Paxil versus placebo, however statistical significance was not reached. Two additional open-label studies and one retrospective study reported improvement in depression symptoms with the treatment of Paxil.
- The use of Paxil in the treatment of children and adolescents with OCD has been
 evaluated in several open-label studies. Overall, treatment with Paxil has shown an
 improvement in OCD symptoms. In a study of children and adolescents with OCD
 who had comorbid psychiatric conditions, this group was found to be more likely to
 relapse following discontinuation of treatment than those patients without
 comorbidity.
- A retrospective study by Masi et al evaluated treatment of Paxil in children and
 adolescents with panic disorder. Paxil was shown to be effective based on the Clinical
 Global Impression Severity (CGI-S) scale. In addition, there are published case
 reports in this population.
- Published data regarding the use of *Paxil* in children or adolescents for the treatment of social anxiety disorder are limited to a few case reports. No studies or case reports were identified that discussed the use of *Paxil* for the treatment of GAD.
- Findling et al conducted a pharmacokinetic study in children and adolescents with depression which demonstrated many similarities between adults and children in terms of pharmacokinetics. However, the half-life was considerably shorter in the younger patients compared to adults suggesting more rapid clearance.
- Conclusions regarding the efficacy and safety of Paxil in children and adolescents for the treatment of depression, OCD, panic disorder, social anxiety disorder and GAD awaits additional adequately designed, double-blind, placebo-controlled trials.

Depression

Keller et al (2001) conducted an 8-week, double-blind, placebo-controlled, multi-center trial comparing the safety and efficacy of Paxil and imipramine with placebo in the treatment of adolescents with major depression. A total of 275 adolescents (12 to 18 years), who met DSM-IV criteria for major depression, were randomized to receive Paxil 20 mg/day (n = 93), imipramine 200 mg/day (dose titrated from 50 mg/day over a period of 3 weeks, n = 95), or placebo (n = 87). Patients were treated for a total of eight weeks and 190 patients completed the study. If no response was noted at week 4, treatment could be increased over the next two weeks to a maximum of 40 mg/day of Paxil or 300 mg/day of imipramine. For doses of Paxil 30-40 mg/day, Paxil could be administered in divided doses at the clinician's discretion.

The primary efficacy parameters included the proportion of responders with $a \ge 50\%$ reduction from baseline on the HAM-D or a final HAM-D score of ≤ 8 and the mean change from baseline in HAM-D total scores at endpoint. Secondary assessments included mean Clinical Global Impression Improvement (CGI-I) scores and the 9-item depression subscale of the Schedule for Affective Disorders and Schizophrenia for Schoolage Children – Lifetime version (K-SADS-L). In the depression-related parameters, *Paxil* was statistically superior to placebo at endpoint among four parameters: 1) response defined as HAM-D ≤ 8 ; 2) HAM-D depressed mood item; 3) K-SADS-L depressed mood item; and 4) CGI-I score of 1 (very much improved) or 2 (much improved).

Analysis of last observation carried forward (LOCF) at endpoint resulted in significant separation (p = 0.02) between the percentage of responders defined as HAM-D \leq 8 among those treated with Paxil (63.3%) compared to placebo (46%). The percentage of responders in the imipramine group (50%) did not separate from placebo. Analysis of observed cases (OC) at endpoint resulted in significant separation (p = 0.02) between the percentage of responders treated with Paxil (76.1%) compared to placebo (57.6%). The percentage of patients treated with Paxil who had a CGI-I of 1 or 2 was 65.6% compared to 48.3% with placebo (p = 0.02). Premature withdrawal rates from the study were highest (40%) in the imipramine group (p = 0.02 versus placebo), compared to 28% and 20% in the Paxil and placebo groups (p = 0.60 versus placebo), respectively. Withdrawal from the study due to adverse events was (31.5%) in the imipramine group, compared to 9.7% and 6.9% in the Paxil and placebo groups, respectively. The most common adverse events during therapy with Paxil included headache, nausea, dizziness, dry mouth and somnolence. All of the events were reported in an incidence similar to placebo with the exception of somnolence, Paxil 17.2% vs. placebo 3.4%. In the imipramine treatment group, the most common adverse events included dizziness, dry mouth, headache, nausea and tachycardia.

In a double blind, placebo-controlled, multi-center study, the efficacy of Paxil and placebo in the treatment of adolescents (ages 13-18 years) with major depression based on DSM-IV criteria was evaluated (Data on File; Milin 1999). Patients were treated with Paxil 20-40 mg/day (n = 187) or placebo (n = 99) for 12 weeks. Efficacy was based on the proportion of patients with a \geq 50% reduction in the MADRS and a change (between baseline and endpoint) in the K-SADS-L. Based on \geq 50% reduction in the total MADRS score at the end of 12 weeks, treatment results were numerically higher with Paxil, however, this result did not reach statistical significance (70% vs 66.2%, p = 0.633). Nausea (24.2%), headache (18.7%) and dizziness (10.4%) were the most commonly reported adverse events in the group treated with Paxil.

Rey-Sánchez et al (1997) conducted an open-label study of Paxil in the treatment of major depression in children less than 14 years of age. Patients (n = 45, mean age 10.7 years), meeting DSM-III-R criteria for major depressive disorder, were treated with Paxil (initial dose 10 mg/day; mean final dose 16 mg/day) in an outpatient setting. Treatment was continued until the depressive episode was completely resolved. Disease severity was measured utilizing a 5-point Clinical Global Severity scale (CGI-S) at baseline, month 1,

month 3 and at the end of treatment. Response was reported as the intensity of therapeutic response (ITR), a reflection of point change in CGI-S. At baseline, the mean CGI-S was 3.0. At month 1, the mean CGS was 2.2 (mean ITR = 0.8) and at month 3 the mean CGI-S was 1.2 (mean ITR = 1.8). A complete remission of symptoms was reported in all patients at the end of treatment (mean duration 8.4 months). No patient experienced a worsening of symptoms. Patients were permitted to receive benzodiazepines during the study if needed; 16/45 (36%) patients were treated as such for insomnia or acute anxiety. Adverse events were reported in 4/45 (9.5%) of the patients (vomiting during the first four days of treatment, anxiety and nervousness, abdominal pain, abdominal cramps and nausea). These events were reported as mild to moderate with no patient withdrawals.

Masi et al (1997) reported improvement in four of seven patients (ages 14 to 18 years) with intellectual disability (IQ range 53 to 68) treated with *Paxil* (20 to 40 mg/day) for major depressive disorder. Adverse events included sedation, insomnia, nausea and dyspepsia. In a retrospective review, Rodriguez-Ramos et al (1996) reported findings in 25 adolescents, aged 13 to 17 years, treated with *Paxil* 10 to 40 mg/day for either primary or secondary depression. Total remission was reported for 11/25 (44%) patients, improvement with residual symptoms in 8/25 (32%) patients, and no change in 4/25 (16%) patients. Common adverse events included asthenia, somnolence and nausea. Two patients withdrew from the treatment due to adverse events (dizziness with hypotension, anxiety).

Obsessive Compulsive Disorder

Carpenter et al (2000) reported on the safety and efficacy of Paxil for the treatment of OCD in children (8 to 11 years; n = 167) and adolescents (12 to 17 years; n = 168). Following 16 weeks of open-label therapy of Paxil 10 to 60 mg/day, responders, defined as $a \ge 25\%$ decrease in the Children's Yale-Brown Obsessive Compulsive Scale (CY-BOCS) score and a CGI-I score of 1 or 2, were randomized to receive Paxil or placebo in a double-blind 16-week extension. The baseline mean CY-BOCS score was 26.3. During the first phase of the study, the mean CY-BOCS score was reduced by 13. Of those completing the first 16 weeks of the study, 86% met response criteria. After the double-blind phase, 28.9% in the Paxil group experienced a further decrease in CY-BOCS score compared to 14.4% in the placebo group (p = 0.023). Mean increase, or worsening, in CY-BOCS score was +3.6 in the Paxil group compared to +6.9 in the placebo group (p = 0.008). While relapse rates (defined as any worsening of CGI-I score for two consecutive visits or a worsening of 2 or more points at any single visit) were lower for Paxil (34.7%) compared to placebo (43.9%), the findings did not reach statistical significance (p = 0.136).

Adverse events leading to discontinuation were generally low; the most common events included hostility (2.7%), hyperkinesia (2.1%) and agitation (1.8%). Even though the incidence of adverse events was similar in children and adolescents, agitation (11.4% vs 3.6%), hyperkinesia (14.4% vs 8.3%), trauma (18.6% vs 8.3%), infection (12.0% vs

7.1%), manic reaction (4.2% vs 0.6%) and myoclonus (9.6% vs 4.8%) were reported more frequently in the younger age group.

Wagner et al. (2001) also reported on this study regarding the safety of Paxil for the treatment of OCD (n = 335). Adverse events, laboratory test results, vital signs, and ECGs were evaluated to determine safety. Headache (24.5%), asthenia (21.5%), and insomnia (21.2%) were the most commonly reported adverse events.

In a post-hoc analysis, Gellar et al (2001) evaluated the influence of psychiatric comorbidity on response and relapse rates in children and adolescents with OCD (n = 335) treated with Paxil. Upon entering the study, 57.6% patients had at least one psychiatric disorder in addition to OCD and 30.4% of these OCD patients had multiple disorders (\geq 2). Overall, the response rates in patients with comorbid conditions did not differ significantly from patients without comorbid conditions (68% vs 75%, respectively, p = 0.163). The response rates in patients with tic disorders, ADHD, or oppositional defiant disorder (53%, 56%, and 39%) were significantly less than those patients with only OCD (75%, p < 0.05). The presence of comorbid psychiatric disorders was associated with a statistically significant increase in relapse rate in the placebo group only (p < 0.05). This suggests that continued Paxil administration may prevent relapse in patients with comorbid conditions.

Diler et al (2000) conducted a 12-week, open-label study to assess the safety and effectiveness of paroxetine in 47 pediatric patients with OCD (DSM-IV criteria) not previously treated for the condition. Of the enrolled patients (aged 9 to 15 years), 19 (40%) had one comorbid diagnosis, 8 (17%) had two comorbid diagnoses, 4 (9%) had three comorbid diagnoses and 16 (34%) had no comorbid diagnoses. The comorbid diagnoses were major depression (n = 14), social anxiety disorder (n = 10), Tourette's syndrome (n = 5), generalized anxiety disorder (n = 4), panic disorder (n = 4), stuttering (n = 4), conversion disorder (n = 4), attention-deficit hyperactivity disorder (n = 2), conduct disorder (n = 2), trichotillomania (n = 2), encopresis (n = 1), and night terror (n = 2)1). Patients started treatment with paroxetine 10 mg/day for one week and were increased to a fixed dose of paroxetine 20 mg/day for five weeks; for the following six weeks the treating psychiatrist could maintain or change the dosage based on efficacy or adverse events. During the study, the mean dose was paroxetine 20.7 mg/day. No additional medication was used. Efficacy was assessed at baseline, weeks 3, 6 and 12 by Maudsley Obsessive Compulsive Inventory (MOCI), Children's Depression Inventory (CDI), Clinical Global Impressions-Severity of illness (CGI-SI) scale and Spielberger's State-Trait Anxiety Inventory for Children (SAI-C and TAI-C). Adverse events were assessed by the Adverse Experience Scale and the CGI-Adverse Effects scale.

At week 6, evaluation of 42 patients (five patients withdrew at week 6 due to noncompliance with study protocol) revealed significantly lower scores on the total MOCI, CDI, SAI-C, TAI-C and CGI-SI scale. These findings were sustained at study endpoint. At week 12, 61.9% (26) patients showed \geq 50% improvement according to the MOCI. The mean reduction in the CGI-SI score was 56.8% \pm 19.4%. The most commonly reported adverse events included sleepiness (23.4%), increase in anger (8.5%)

and fatigue (8.5%). The percentage of patients with no adverse events increased from 34.5% at week 3 to 64.3% at week 12. No patient experienced adverse events severe enough to discontinue the drug.

Rosenberg et al (1999) conducted a 12-week, open-label trial of Paxil in 20 children (9 boys, 11 girls) ages 8 to 17 years with OCD (DSM-IV criteria). Twelve of the children had comorbid psychiatric conditions including anxiety disorders other than OCD (n = 3), eating disorders (n = 3), trichotillomania (n = 1), attention-deficit hyperactivity disorder (n = 1), dysthymia (n = 1), oppositional defiant disorder (n = 1) and tic-related/Tourette's disorder (n = 2). Response assessments were made at baseline and weeks 2, 4, 6, 8 and 12. Response was evaluated utilizing the CY-BOCS, the Children's Global Assessment Scale (CGAS) and the CGI scale. In addition, the severity of tics and anxiety was evaluated with the Yale Global Tic Severity Scale and the Hamilton Anxiety Rating Scale (HAM-A) at baseline and weeks 4, 8 and 12.

Paxil was initiated at 10 mg/day in all patients and could be increased in increments of 10 mg/day every two weeks up to a maximum of 60 mg/day (final mean dose 41 mg/day). Nineteen patients completed 12 weeks of treatment; the remaining patient was assessed at week 8 and was included in the analysis. A significant (p = 0.0001) reduction in CY-BOCS scores from baseline was noted at endpoint. Significant improvements in CGAS scores (p = 0.0001) and CGI scores (p = 0.0001) were also noted (Table 1).

Table 1: Treatment Response at Endpoint

	Baseline ===	Endpoint	p value
CY-BOCS	30.55 ± 3.50	21.60 ± 6.83	0.0001
CGAS*	46.79 ± 7.34	57.47 ± 7.89	0.0001
CGI	5.63 ± 0.60	4.26 ± 1.04	0.0001

^{*} increase scores indicates improvement

In general, OCD response did not appear to correlate with any comorbid disorders. The two patients with tics did not respond to treatment and one of these patients experienced a worsening of tics. Adverse events were rated every two weeks on the Adverse Experience Scale. Mild adverse events included hyperactivity/behavioral disinhibition (n = 6), headache (n = 5), insomnia (n = 3) gastrointestinal distress (n = 3), increased anxiety (n = 2), drowsiness (n = 1) and dry mouth (n = 1); severe treatment-emergent adverse events included suicidal ideation (n = 1) and increased tics (n = 1). The authors noted that they did not observe any hypomania or mania in these patients.

Thomsen et al (1999) examined the addition of buspirone to existing selective serotonin reuptake inhibitor (SSRI) therapy in six adolescents with OCD. Of these patients, one 15-year-old male was treated with paroxetine. After three months of treatment with paroxetine 60 mg/day (starting dose or titration schedule not provided), there was a reduction of Y-BOCS score from 33 to 28. After approximately 6 weeks of combination therapy with paroxetine and buspirone 20 mg/day, his Y-BOCS score was 22. In addition, a decrease in the subject's obsessive-compulsive symptoms was noted. Specifically, a

reduction in his evening rituals and less anxiety when trying to resist compulsions. The subject reported extreme tiredness after three weeks of combination therapy, but this dissipated after week 5.

Panic Disorder

Masi et al (2001) conducted a retrospective study in a natural setting evaluating the safety and efficacy of *Paxil* in the treatment of children and adolescents with panic disorder. A total of 18 patients (7 to 16 years) meeting the DSM-IV criteria for panic disorder were started on *Paxil* (mean initial dose of 8.9 mg/day) and were gradually increased to 40 mg/day, depending on clinical response and adverse events. No concomitant drugs were allowed. Sixteen of these patients had co-morbid conditions, most commonly GAD (55.6%). Patients with mental retardation, pervasive developmental disorder, psychotic disorder, severe motor disorders, and sensory disorders were excluded from the study.

Clinical status was assessed retrospectively at every visit by a 5-point CGI-Severity scale. Based on the CGI scale, 15 patients (83.3%) were considered responders at the final evaluation (p < 0.0001). Symptoms improved at a mean dose of 22 mg/day after approximately 21.87 days. The treatment duration in this study was approximately 12 months (mean 11.7 months) with a mean dosage at the final observation of 23.9 mg/day. The most common adverse events were nausea (n = 7), tension-agitation (n = 7), sedation (n = 6), insomnia (n = 4), palpitations (n = 4), and headache (n = 4). In this small study, Paxil was well tolerated and effective in children and adolescents with panic disorder.

Response to treatment with a number of different SSRIs, including *Paxil* was evaluated in an naturalistic, open-label study consisting of two phases: an acute treatment period consisting of six to eight weeks and follow-up phase lasting approximately six months (Renaud, 1999). Twelve patients, ages 7 to 17 years (mean age 16 years), with panic disorder (DSM-IV criteria) were included in the study, including eight patients with another comorbid anxiety disorder (generalized anxiety, separation anxiety, social phobia). Assessments were made utilizing a variety of anxiety scales, panic disorder scales, the CGI scale and the CGAS. The frequency of panic attacks was not noted.

Patients were treated with fluoxetine unless there was a previous unsuccessful trial with fluoxetine or the patient refused it. Two patients were treated with *Paxil* during the acute phase (20 or 60 mg/day) and three were treated with *Paxil* during the follow-up phase (10 to 30 mg/day). Because of the naturalistic nature of the study, eight patients, including one of the patients treated with *Paxil*, received a concomitant benzodiazepine (clonazepam or lorazepam).

At the end of the study (end of follow-up) significant improvement was noted in the mean CGI-Severity scores (baseline 4.4, endpoint 2.2, p = 0.002). The mean time to achieve a CGI-Improvement score of 1 or 2 (much or very much improved) was 10.5 weeks. Significant improvement was also noted with the C-GAS score (baseline 48.3, endpoint 74.3, p < 0.001). The two patients treated with *Paxil* throughout the study had

improvements from baseline scores of 51 and 45 to final scores of 82 and 70, respectively. Adverse events were assessed with the Side Effects Form for Children and Adolescents. No significant differences were noted in adverse events from baseline to endpoint.

Social Anxiety Disorder

Mancini et al (1999) reported response to treatment with a serotonergic agent in a consecutive series of seven patients (ages 7 to 18 years) with generalized social anxiety disorder. Five of these patients were treated with *Paxil*; the remaining two patients were treated with sertraline or nefazodone. The initial dose of *Paxil* was in the range of 5 to 20 mg/day. Over a few weeks, the dose was increased until there was a response or the dose was no longer tolerated. The maximum dose ranged from 5 to 80 mg/day. Initial response was seen between week 4 and week 9 of treatment. One adverse event was reported for each of the treatments: somnolence was reported with *Paxil*; diarrhea was reported with sertraline, and difficulty with visual accommodation was reported with nefazodone.

Pharmacokinetics

Findling et al (1999) conducted an 8-week, open study to assess the pharmacokinetics and safety of paroxetine in 30 adolescents (aged 5 to 17 years) with depression (DSM-IV criteria). In addition to DSM-IV criteria, younger patients needed a score of at least 40 on the Children's Depression Rating Scale (CRDS) and older subjects were required to have a HAM-D score ≥ 17. Patients were initiated on paroxetine 10 mg/day. After four weeks, the dose could be increased to 20 mg/day based on response. Following a single dose of paroxetine 10 mg, the mean Cmax, Tmax, half-life and area under the curve (AUC) were 5.5 ng/mL (SD 4.0), 5.7 ng/mL (SD 1.9), 11.1 hr (SD 5.2) and 0.09 mcg·hr/mL (SD 0.10), respectively. There were 15 subjects who received paroxetine 10 mg/day for eight weeks. For these patients, the average paroxetine concentration was 12.9 ng/mL (SD 8.4) at week 4 and 7.2 ng/mL (SD 7.5) at week 8. There were eight subjects that had their paroxetine dose increased to 20 mg/day at week 4. For these patients, the average paroxetine concentration was 10.0 ng/mL (SD 9.7) at week 4 and 48.9 ng/mL (SD 47.5) at week 8. Efficacy results in terms of HAM-D and CRDS were not provided.

Overall, adverse events were mild and transient; gastrointestinal events (e.g., nausea, abdominal cramps) were reported most commonly. The only adverse event that led to treatment discontinuation was hypomania and this occurred in two patients at a dose of 10 mg/day. There were no clinically significant changes in weight, blood pressure, pulse, electrocardiogram, serum chemistry and hematological studies noted.

I appreciate your interest in *Paxil*. The citations noted may contain information on uses, doses, dosage forms, routes of administration or specific patient populations which are not described in the approved prescribing information for *Paxil*. GlaxoSmithKline makes no recommendations beyond those in the approved labeling and suggests that you review the enclosed prescribing information before initiating therapy. If you have further questions regarding our products, please contact the Medical Information Department at 800-366-8900.

Sincerely,

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Enclosures: Prescribing Information for Paxil. PXL0

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Please add reprint Keller et al PX2808

Thank you

PAXIL®

aroxetine hydrochloride blets and oral suspension

Description of the properties of the properties



paroxetine hydrochloride

Paraxetine 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

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s following table provides the outcome classification by treatment group on Global Improvement items of the Clinical Global wession (CGI) scale for Study 1.

	Outcome Improvem	Classification (%) on C ent Item for Completers	GI-Global in Study 1	
itcome assification	Placebo (n=74)	Paxil 20 mg (n=75)	Paxil 40 mg (⊫66	Paril 60 mg (n=66)
ovse	14%	7%	7%	3%
) Change	44%	35%	22%	19%
inimally Improved	24%	33%	29%	34%
uch Improved	11%	18%	22 %	24%
ry Much Improved	7%	7%	20%	20%

analyses did not indicate that there were any differences in treatment outcomes as a function of age or gender, term maintenance effects of Paul in OCO were demonstrated in a long-term extension to Study 1. Patients who were responsionated outling the 3-month coulde-blind phase and a 5-month extension on open-label parouetine (20 to 60 mg/ds/) were nucled to either parouetine to plocebo in a 5-month double-blind relazes prevention phase. Patients randomized to provide the provided patients who were randomized to placebo.

Panic Disorder

The effectiveness of Paul in the treatment of panic disorder was demonstrated in three 10- to 12-week multicenter, placebo-controlled studies of adult outpatients (Studies 1-3). Patients in all studies had panic disorder (DSM-IIIR), with or without agoraphobia. In these studies, Paul was shown to be significantly more effective than placebo in treating panic disorder by at least 2 out of 3 measures of panic attack frequency and on the Clinical Global Impression Severity of litness score.

attack frequency and on the Clinical Biobal Impression Severity to Biness socie.

Study 1 was a 10-week dose-range finding study; patients were treated with fixed parousine doses of 10, 20 or 40 mg/day or place-but A significant difference from placebus was observed only for the 40 mg/day group. At endpoint, 15% of patients receiving parausine 40 mg/day were free of panic attacks; compared to 44% of placebus-treated patients.

Study 2 was a 12-week flexible-dose study comparing parausitine (10 to 60 mg/day) and placebo. At endpoint, 15% of paractering patients were free of panic attacks compared to 32% of placebo-treated patients.

Study 3 was a 12-week flexible-dose study comparing parausitine (10 to 60 mg/day) to placebo. At endpoint, 15% of paractering patients were free of panic attacks compared to 15% of placebo-treated patients.

Study 3 was a 12-week flexible-dose study comparing parausitine (10 to 60 mg/day) to placebo in patients concurrently receiving standardized cognitive behavioral therapy. At endpoint, 33% of the paravetine-treated patients showed a reduction to 0 or 1 panic attacks to hosh Studies 2 and 3, the mean parausitive dose for completers at endpoint was approximately 40 mg/day of paravetine. Into the studies 2 and 3, the mean paravetine dose for completers at endpoint was approximately 40 mg/day of paravetine. Into the 10-week double-bind plases and during a 3-month double-bind endpoint parameters rendomized to paravetine were significantly less likely to relapse than comparably treated patients who were randomized to placebo. Patients who were responders short on a paravetine were significantly subgroup analyses did not indicate that there were any differences in teasment outcomes as a function of age or gender.

Social Anxiety Disorder

The affectiveness of Pazi in the treatment of social anxiety disorder was demonstrated in three 12-week, multicenter, placeho trouled studies (Studies 1-3) of adult outpatients with social anxiety disorder (DSM-VI). In these studies, the effectiveness of compared to placeho was evaluated on the basis of (1) the proportion of responders, as defined by a Cinical Glammerston (LSAS).

[LSAS].

Studies 1 and 2 were flexible-dose studies comparing parazetine (20 to 50 mg daily) and placebo. Parazetine demonstrated stat ly significant superiority over placebo on both the CGI Improvement responder criterion and the Liebowith Social Anxiety Scale In Study 1, for patients who completed to week 12, 69% of parazetine-treated patients compared to 29% of placebo-treated, were CGI Improvement responsiers. In Study 2, CGI Improvement responders were 77% and 42% for the parazetine- and placeb Study and the Study St

were CII improvement responsées. In Study 2, CGI improvement responders were T7% and 42% for the paroutine- and platents ed patients, respectively.

Study 3 was a 12-week study comparing fixed paroutine doses of 20, 40 or 80 mg/day with placebo. Paractine- and plateob for the 40 and 80 mg/day dose groups. There was no indication in this study of any additional benefits of observables and 10 mg/day dose groups. There was no indication in this study of any additional benefits for doses higher than 20 mg/day. Giff not include differences in treatment outcomes as a function of age, race, or gender.

Generalizad Anxiety Disorder

The effectiveness of Pavil in the treatment of Generalized Anxiety Disorder [GAD] was demonstrated in two sheeks, multicenter, placebo-controlled studies (Studies 1 and 2) of adult outpatients with Generalized Anxiety Disorder (DSM-IV).

Study 1 was an 8-week study comparing fixed parovatine doses of 20 mg or 40 mg/day with placebo. Pavil 20 mg or 40 mg/day dose compared to the significantly superior to placebo on the Hamilton fairing Scale for Anxiety (HAM-A) total score. These was not sollicitient evidence in this study to suggest a greater benefit for the 40 mg/day dose compared to the 20 mg/day dose.

Study 2 was a flexible-dose study comparing parovetine (20 mg to 50 mg daily) and placebo. Pavil demonstrated statistically significant superiority over placebo on the Hamilton flating Scale for Anxiety (HAM-A) total score. A third study, also flexible mades study comparing parovetine (20 mg to 50 mg daily) and placebo. Pavil demonstrated statistically significant superiority over placebo on the Hamilton flating Scale for Anxiety (HAM-A) total score.

A third study, also flexible comparing parovetine (20 mg to 50 mg daily) and placebo. Pavil demonstrated statistically significant superiority over placebo on the Hamilton flating Scale for Anxiety (HAM-A) total score. The promoter of the 20 mg/day dose.

Subgroup analyses did not indicate difference in reatment outcomes as a function of race

the 20 mg/day dose.

Study 2 was a 12-week flexible-dose study comparing parawetine (20 mg to 50 mg daily) to placebo. Paxil was demonstrated to be significantly superior to placebo on change from baseline for the CAPS-2 total score and on proportion of responders on the C6H. A third study, also a flexible-dose study comparing parawetine (20 mg to 50 mg daily) to placebo. Paxil was demonstrated to be significantly superior to placebo on change from baseline for CAPS-2 float score, but not on proportion of responders on the C6H. The majority of patients in these trials were women (68% women: 377 out of 551 subjects in Study 1 and 66% women: 200 out of 303 subjects in Study 1 30 Subgroup analyses did not indicate differences in treatment outcomes as a function of gender. There were agree or race, respectively. ANN INSERS.

INDICATIONS AND USAGE

RIDICATIONS AND USAGE

Major Depressive Disorder

The efficacy of Paul in the treatment of a major depressive episode was established in 5-week controlled trials of outpatients whose diagnoses corresponded most closely on the DSA-III category of major depressive disorder (see CLNICAL PHARMACOLOGY). A major depressive episode implies a prominent and relatively pressivent depressate of visphoric mood that usually interfers with daily functioning linearly overy day for at least 2 weeks; it should include at least 4 of the following 8 symptoms: change in appetite, change in sleep, psychomotro signation or relatrations, loss of interest in usual activities or decrease in sexual drive, increased fatigue, freelings of guilt or worthlessness, slowed thinking or impaired concentration, and a suicide attempt or suicidal ideation.

The effects of Paul in maintaining a response in major depressive disorder for up to 1 year was demonstrated in a placebo-controlled trial [see CLINICAL PHARMACOLOGY]. Nevertheless, the physician who elects to use Paul for extended periods should periodically re-evaluate the long-term usefulness of the drug for the individual parient.

Obsessive Computative Disorder

Paul is indicated for the treatment of obsessions and compulsions in patients with obsessive computive disorder (OCD) as defined in the DSM-M. The obsessions or computions cause marked distress, are time-consuming, or significantly interfere with social or occupational functions.

the USM-M. The obsessors or compulsions cause marked distress, are time-consuming, or significantly interfere with social or occupa-tional functionizing.

The efficacy of Paul was established in two 12-week trials with obsessive compulsive outpatients whose diagnoses corresponded most closely to the DSM-HIR category of obsessive compositive disorder (see CUNICAL PHARMACOLOGY—Clinical Iridis).

Obsessive compulsive disorder is observative for recurrent and persistent (deep, shoophis, inclusives or images lobassions) that are ego-dystoric analytic repetitive, purposeful and intentional behaviors (compositions) that are recognized by the person as excessive or unreasonable.

irreasmane.

Long-term maintenance of efficacy was demonstrated in a 6-month relaces prevention trial. In this trial, patients assigned to paroverine showed a lower relapse rate compared to patients on placebo (see CLINICAL PHARIMACCL.OGY). Nevertheless, the physician who detect to use Paul for bearded periods about partient (see DOSAGE AND ADMINISTRATION).

AND ADMINISTRATION).

Panic Disported Prair (is indicated for the material of panic disorder, with or without aporaphobia, as defined in DSM-IV. Panic disorder is characterized by the occurrence of unexpected panic attacks and associated concorn about having additional attacks, worry about the indications or consequences of the attacks, and/or a significant change in behavior related to the attacks, and/or a significant change in behavior related to the attacks, and/or a significant change in behavior related to the attacks, and/or a significant change in behavior related to the attacks, and/or a significant change in behavior related to the attacks, and/or a significant change in behavior late of the processor of the attacks, and/or a significant processor (as the attacks, i.e., a discrete period of intense fear or disconfort which four for more) of the following symptoms developement panic patacks, i.e., a discrete period of intense fear or disconfort which four for more) of the following symptoms developement panic patacks, i.e., a discrete period of intense fear or disconfort in which four for more) of the following symptoms developement panic patacks, i.e., a discrete period of intense fear or disconfort in which four for more) of the following symptoms developement panic visitions and states and a state of the panic disconfort (1) neural or additional following symptoms developement panic disconfort (1) neural panic disconfort (1) neural panic disconfort (1) panic panic disconfort (1) panic

Nevertnesss, the physician who presentes rate to extensive process the process of part individual patient.

Secial Auxilery Disorder

Secial Auxilery Disorder

Secial Auxilery Disorder

Auxil 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 flear of one or more social or performance situations in which the person is exposate to unlaminitar people or to possible scrutiny by others. Exposure to the learned situations invaniably processes ancety, which may approach the intensity of a panic attack. The fleared situations are avoided or endourned with intense article or distress, in the evidence, announce article part of distress. The avoidance, announce article part of distress, in the evidence of academic function ing, or social extensities or relationships, or there is marked distress about having the phobias. Lesser degrees of performance analyty at syntess generally do not require psychopharmacological treatment.

The efficacy of Pasial (parcocardine hydrochloride) was stabilished in three 12-weet trails in adult patients with social anxiety disorder (DSM-IV). Pasial has not been studied in children or adolescents with social phobia [see CUNICA, PHARMACOLOGY—Clinical trials). The efficacy person of Pasial for one-person resorder of social anxiety disorder (a.e., for more than 12 weeks, has not been systematically evaluated in adequate and well-controlled trials. Therefore, the physician who elects to prescribe Pasial for extended periods should periodically re-evaluate the long-rem resorder of the drug for the individual patient (see DOSAGE AND ADMINISTRATION).

Seconditioned for the treatment of Generalized Anziety Disorder (GAD), as defined in OSM-IV. Anxiety or tension associated with the stress of everyday life usually dos so not require treatment with an anxiotytic.

cil" (paraxetine hydrochloride) continued

of the control of the second of the control of the

eralized Anxiety Disorder (DSM-NF) is characterized by excessive anxiety and worry (apprehensive expectational that is persistent and least 8 months and which the person finds difficult no control. It must be associated with at least 3 of the following 5 years at least 8 of the following 5 years as the same of the concentrating or mind going blank, initiability, and the concentrating or mind going blank, initiability, and the control of the concentrating or mind going blank, initiability, and the control of the

activeness of Paul in the long-term treatment of GAD, that is, for more than 8 weeks, has not been systematically evaluated unbroiled trials. The physician who elects to use Paul for extended periods should periodically re-evaluate the long-term useful-soft head by the Individual patient (see OSAGE AND ADMINISTRATION).

straumatic Stress Disorder
if is indicated for the treatment of Posttraumatic Stress Disorder (PTSD).

efficacy of Paxil in the treatment of PTSO was established in two 12-week placebo-controlled trials in adults with PTSO (DSM-see CLINICAL PHARMACOLOGY-Clinical Trials).

isoe CLNICAL PHARMACOLOGY—Clinical Trials).

D. as defined by DSM-M, requires exposure to a traumatic event that involved actual or threatened death or serious injury, or threat he physical integrity of self or others, and a response which involves intense leav, helplessness, or horror. Symptoms that occur as salf of exposure to the traumatic event include reasperiencing of the event in the form of infusive thoughts, liashbacks or traumatic event, and physiological reactivity on exposure to true to the event; avoidance of situations reminiscent of traumatic event, inability to recall details of the event, and/or numbing of general responsiveness manifested as diministed inspiritions activities, estrangement from others, restricted range of affect, or sease of forestorened future; and symptoms of xnonic arousal including hypervioliance, exaggerated startle response, sleep disturtance, impaired concentration, and initiability or wrist of angel. A PISD diagnostis requires that the symptoms are present for a least a month and that they cause clinically significance in the contraction of the contraction of the contraction of functioning.

efficacy of Paxil in longer-term treatment of PTSD, i.e., for more than 12 weeks, has not been systematically evaluated in place-controlled trials. Therefore, the physician who elects to prescribe Paxil for extended periods should periodically re-evaluate the priem usefulness of the drug for the unknivious patient (see DSAGE AND ADMINISTRATION).

VTRAINDICATIONS

use in patients taking either monoamine oxidase inhibitors (MAOIs) or thioridazine is contraindicated (see WARNINGS and CAUTIONSI.

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

RNINGS profile with Monoamise Oxidaze liabilities and lie or profile for interaction with Monoamise Oxidaze liabilities satisfies receiving another services in respects in RNINGS in combination with a monoamise oxidaze inhibitor 10th, there have been reports of services, conscious that, neckona including hyperthemsis, rigidity, syschosus, autoris instability with possible rapid fluctuations of vital signs, and mental status changes that include extra epistation pressing to delirium and come. These reactions have also been reported in publicity who have recently discontinued that gad have been started on an MAOL Some casts presented with features reasonability rescription maligned systems and the status of the manual data on the effects of combined to percentine and MAOL some agent that these durys may act synamystic cally to elevate blood pressures and excellent the status of the statu

antial Interaction with Thioridazina
midazine administration slone produces prelongation of the OTC interval, which is associated with serious ventricular
rythmias, such as torsade de pointes-type arrhythmias, and sudden death. This offect appears to be does related.

In vivo study suggests that drugs which is highly P_m310, such as parosetine, will always plasma levels of thoridazine, refore, it is recommended that paroxetine not be used in combination with thioridazine (see CONTRAINDICATIONS and CAUTIONS).

CAUTIONS

reation of Mania/Hypomeraia: During premarketing testing, hyportania or mania occurred in approximately 1.0% of Paxi-treated of patients, in a subset of patients classified as lars the combared to 1.1% of active control and 0.3% of placebo-treated unipolar patients, in a subset of patients classified as lars the rote of mania especies was 2.2% for Paxi-treated in 1.5% for the combined artive-control groups. As with all rivigs effective in treatment of major depressive discorder, Paxi-Sound be used calculation patients with a history of mania.

raines: During premarketing testing, seizures occurred in 0.1% of Pazi/Heated patients, a rate similar to that associated with other s effective in the treatment of major depressive disorder. Pazi/should be used cautiously in patients with a history of seizures, it ild be discontinued in any patient who develops seizures.

=364. The possibility of a suicide attempt is inherent in major depressive disorder and may persist until significant remission occurs, e supervision of high-risk patients should accompany initial drug therapy. Prescriptions for Paul should be written for the smallest titly of tabless consistent with good patient management, in order to reduce the risk of overdose.

ea of well-established comorbidity between major depressive disorder and other psychiatric disorders, the same precautions when treating patients with major depressive disorder should be observed when treating patients with other psychiatric

_minunction of Transmont with Psuil: Recent clinical trials supporting the various approved indications for Panil employed a taper a regimen, rather than an about discontinuation of rearment. The taper phase regimen used in GAD and PTSD clinical trials involved to transmit decrease in the daily dose by 10 mg/day at weekly intervals. When a daily dose of 20 mg/day was reached, patients were inued on this dose for 1 week define treatment was stopped.

1 It's regimen in those studies, the following adverse events were reported at an incidence of 2% or greater for Paril and were ast twice that reported for placebo; abnormal dreams [2,3% vs 0,5%], paresthesia (2,0% vs 0,4%), and dizziness (7,1% vs 1,5%), a majority of patients, these events were mild to moderate and were self-limiting and did not require medical intervention.

ng Paul marteting, there have been spontaneous reports of similar adverse events, which may have no causal relationship to the , upon the discontinuation of Paul (particularly when abrupt), including the following: disziness, sersony disturbances (e.g., paresias such as electric shock sensations), agitation, anxiety, nauses and sweating. These events are generally self-limiting. Similar Its have been reported for other selective serotronia reuptake rinhibitors.

and should be monitored for these symptoms when discontinuing treatment, regardless of the indication for which Paul is being cribed. A gradual reduction in the dose rather than always tessation is recommended whenever possible. If indicatable symptoms of following a decrease in the dose or upon discontinuation of treatment, then resurning the previously prescribed dose be considered. Subsequently, the physician may continue decreasing the dose but at a more gradual rate (see DOSAGE ANO MINISTRATION).

OBSTANCE: Several cases of hyponatremia have been reported. The hyponatremia appeared to be reversible when Pavil was dis-inued. The majority of these occurrences have been in elderly individuals, some in patients taking disretics or who were otherwise me depleted.

ormal Bleading: There have been several reports of abnormal bleading (mostly exchymosis and purpura) associated with paraxa-treatment, including a report of impaired platelet aggregation. While a causal relationship to parametrie is unclear, impaired platelet egation may result from platelet serotonin depletion and contribute to such occurrences.

in Palents with Concomitant Massa: Clinical experience with Paul in patients with certain concomitant systemic illness is lim-Caution is advisable in using Paul in patients with diseases or conditions that could affect metabolism or hemodynamic responses control is exhibited using a soft parallel with oscasse or controls that count all each relationship reprocess, with other SSRIs, mydriasis has been infrequently reported in premarketing studies with Pavil, A few cases of acute angle closure coma associated with parawetine therapy have been reported in the literature. As mydriasis can cause acute angle closure in patients narrow angle glaucoma, caution should be used when Pavil is prescribed for patients with narrow angle glaucoma.

That not been evaluated or used to any appreciable extent in patients with a recent history of myccordial infarction or unstable heart see. Palients with these diagnoses were excluded from chinical studies during the product's premarket testing. Evaluation of early endogrants of BeS patients who received Pash indouble-blind, placebo-controlled rolls, however, of not indicate that Pasifis esso-dwith the development of significant ECD abnormalities. Similarly, Pazil (particular hydrochloride) does not cause any clinically intant changes in heart rate of blood pressure.

ased plasma concentrations of paroxetine occur in patients with severe renal impairment (creatinine clearance <50 mL/min.) or re hepatic impairment. A lower starting dose should be used in such patients (see DOSAGE AND ADMINISTRATION),

remeables for Philasts iclams are advised to discuss the following issues with patients (see trushout And Advincement Andrews and Modern Philasts) iclams are advised to discuss the following issues with patients for whom they prescribe Paint in Advised to discuss the following issues with patients of they may impair judgment, thinking or motor stills, such in controlled studies Pair/Ihas not been shown to impair psychomotor performance, patients should be cautioned about oper-planadous machinery, including automobiles, until they are reasonably certain that Paint therapy does not affect their ability to ge in such activities.

placing Course of Therapy: While patients may notice improvement with Paxif therapy in 1 to 4 weeks, they should be advised to nue therapy as directed.

comitant Modication: Patients should be advised to inform their physician if they are taking, or plan to take, any prescription or the-counter drugs, since there is a potential for interactions.

abor. Although Paxil has not been shown to increase the impairment of mental and motor skills caused by alcohol, patients should thised to avoid alcohol while taking Paxil.

passage Patients should be advised to notify their physician if they become pregnant or intend to become pregnant during therapy. wing: Patients should be advised to notify their physician if they are breast-feeding an infant (see PRECAUTIONS-Nursing Mothers).

wratory Tests a are no specific laboratory tests recommended.

Interactions

**MacA As with other serotonin reuptake inhibitors, an interaction between parozetine and tryptophan may occur when they are stored. Adverse experiences, consisting primarily of headache, pauses, swealing and diziness, have been reported when trypaxis administrated to patients taking Paul (parozetine hydrochloride). Consequently, concomitant use of Paul with tryptophan is

oarsine Oxidase Inhibitors: See CONTRAINDICATIONS and WARNINGS.

widezine: See CONTRAINDICATIONS and WARNINGS

Warfaria: Preliminary data suggest that there may be a pharmacodynamic interaction (that causes an increased bleeding diathesis in the face of unaltered proforming time) between parametine and warfarin. Since there is little clinical experience, the concomitant administration of Paul and warfarin should be undertaken with caution.

Summatifiate: There have been rare postmaristing reports describing patients with weakness, hyperreliexia, and incoordination following the use of a selective sentionin reputate inhibitor (SSRI) and sumatiriptan. If concomitant treatment with sumatiriptan and an SSRI (e.g., fluotetine, fluotexamine, paroxetine, sentraline) is clinically warranted, appropriate observation of the patient is advised.

Drugs Affacting Hepatic Metabolism: The metabolism and pharmacokinetics of paroxetine may be affected by the induction or inhibition of drug-metabolism enzymes.

Under the drug-measoning engines.

Cimetitine-Cimetitine inhibits many cytochrome P_{eo} (caldative) engines. In a study where Pazil (30 mg q.d.) was dosed orally for 4 weeks, steady-state plasma consentrations of paroxetine were increased by approximately 50% during co-administration with oral cimetitine (300 mg t.i.d.) for the final week. Therefore, when these diugs are administered concurrently, dosage adjustment of Pazil (paroxetine Notocharide) after the 20 mg starting dose should be guided by clinical effect. The effect of paroxetine on cimetione's pharmacokinetics was not studied.

Phenoharbital-Phenoharbital induces many cytochrome P_{eo} (oxidative) enzymes. When it single or al 30 mg dose of *Pasil* was administered at phenoharbital steady state 1000 mg o.d. for 14 days), paroxeline AUC and T_{VR} were reduced (by an average of 25% and 35%, esspectively compared to paraweline administered alone. The effect of paroxeline on phenoharbital pharmacokinetics was not studied. Since *Pasil* exhibits nonlinear pharmacokinetics, the results of this study may not address the case where the workups are both being chronically dosed No initial Paral dosage adjustment is considered necessary when co-administered with phenobarbital, any subsequent adjustment should be guided by clinical effect.

Automains should be globed by childral error. Planay oin-Mena a single or all 30 mg due of Pazil was administered at phenytoin steady state (300 mg q.d. for 14 days), paraxetine AUC and 1/2 were reduced (by an average of 50% and 35%, respectively) compared to Pazil administered alone. In a separate study, when a single or all 300 mg dose of phenytoin was administered at paraxetine steady state (20 mg q.d. for 14 days), phenytoin AUC was slightly reduced (12% on average) compared to phenytoin administered alone. Since both drugs exhibit nonlinear pharmacokinaped to phenytoin administered alone. Since both drugs exhibit nonlinear pharmacokinaped studies may not address the case where the two drugs are both being chronically dosed. No initial dosege adjustments are consensed when these drugs are co-administered; any subsequent adjustments should be guided by clinical effect (see AUVERSE REACTIONS—Postmarketing Reports).

Thurst-restricted by Chockrosse P_HIRs. Many rhugs, including most drugs affective in the treatment of major depressive disorder (paroxetine, other SSRIs and many tripotlics), are metabolized by the cytochronse P_{ma} sozyme P_{ma}(II). Like other agents that are metabolized by P_{ma}(II) is paroxetine, provided and provided by P_{ma}(III) is part of this isozyme. In most partients (>90%), this P_{ma}(III) is governed assurated early druing P_{ma}(II) and one study, dairy down go (P_{ma}(III) and Q_m(III) and the provided assurated and the provided a

to either raw or the owner oug.

Therefore, or endministration of Pavil with other drugs that are metabolized by this isozyme, including certain drugs effective in the treatment of major degressive discover le.g., nortiphyline, ambrighyline, imigramine, designamine and fluoretine), phenothazines and Type 10 antianhythmics le.g., propalenone, flecainide and encainide), or that liahibit this encyme (e.g., quinidine), should be approached with

towers, due to the rist of serious ventricular anthythmias and sudden death potentially associated with elevated plasma le idazine, paroxetine and thioridazine should not be co-administered (see CONTRAINOKATIONS and WARNINGS).

At steady state, when the P₄₅₀IID₂ pathway is essentially saturated, paroxetins clearance is governed by alternative P₄₅₀ isozymes which, unlike P₄₅₀IID₂, show no evidence of saturation. Isee PRECAUTIONS—Tricyclic Antidepressants).

Physical Metabolises by Cytechean Publish. An invision interaction study involving the co-administration under steady-state conditions of paroxetine and tertenadine, a substrate for cytechnome Publish, revealed no effect of paroxetine on refrenadine pharmacokinetiss. In addition, in vitro studies have shown testeconazale, a potent inhibitor of Publish, activity, to be at teast 100 times more potent than paroxetine as an inhibitor of the restabolism of several substrates for this entryme, including terferaction, serenizole, cis-apride, triazolam, and cyclosporin Based on the assumption that the relationship between paroxetine's in vitro K, and its lack of effect on other flaths are in vivo clearance predicts its effect on other flaths, substrates, paroxetine's extent of inhibition of tilla, activity is not filely to be of clinical significance.

Tricycfic Antidepressants (TCAs): Caution is indicated in the co-administration of tricyclic antidepressants (TCAs) with Paril, because paroxatine may inhibit TCA metabolism. Pissma TCA concentrations may need to be monitored, and the close of TCA may need to be reduced, if a TCA is co-administrated with Paril Exe PTICALITIONS-Drugs Metabolized by Cynochrome P_{public}.

Brease Highly Bound to Plasma Protein: Because paraxetine is highly bound to plasma protein, administration of Paxil to a patient taking another drug that is highly protein bound may cause increased free concentrations of the other drug, potentially resulting in adverse persons. Conversely, adverse effects could result from displacement of paracetine by other highly bound during effects.

Alcohol: Although Paul does not increase the impairment of mential and motor skills caused by alcohol, patients should be advised to avoid alcohol while taking Paul (p-voxetine hydrochloride).

Lithium: A multiple-dose study has shown that there is no pharmacokinetic interaction between Paral and lithium carbonate. However, since there is little clinical experience, the concurrent administration of paroxetine and lithium should be undertaken with caulion.

Digitals: The steady-state pharmacokinetics of parametine was not altered when administered with digital at seady state decreased by 15% in the presence of parametine. Since there is little clinical experience, the concurrent administration of parametine and digital should be undertaken with caution.

Diazopam: Under steady-state conditions, diazepam does not appear to affect paroxetine kinetics. The effects of paroxetine on diazepam were not evaluated.

Procyclidine: Daily gral dosing of Pazil (30 mg q.d.) increased steady-state AUC₂₋₂₄. C_{max} and C_{max} values of procyclidine [5 mg gral q.d.) by 35%, 31% and 67%, respectively, compared to procyclidine alone at steady state. If anticholinergic effects are seen, the dose of pro-cyclidine should be reduced.

Spatial Processors in a study where proprehold (80 mg b.i.d.) was dosed orally for 18 days, the established steady-state plasma concentrations of proprahold were unalissed during co-administration with Paul (30 mg q.d.) for the final 10 days. The effects of proprahold on particular have not been evaluated (see ADVERSE REACTIONS—Postmarketing Reports).

on particement have not ocen metabately see AUPCROS. FOR A TOP TO THE THE PROOF TO SELECT USE THE PROOF OF THE MEDIA of HEAVILLE SHOULD REVEAL THE AUTHORITY OF THE PROOF OF THE MEDIA OF THE PROOF OF THE MEDIA OF THE SECOND THE SECO Electroconvulsive Therapy (ECT): There are no clinical studies of the combined use of ECT and Paxil

Execute Combined use of ECT and Pauli.

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Carcia opeases: Mutageases: speaking the freshifty.

Carcia opeases: Mutageases: a manufacture of the freshifty.

Carcia opeases: Two year carcinopeasity studies were conducted in rodents given parcusely in maximum recommended humon dose (MRHO) for major depressive disorder; social anxiety disorder. GAD and PTSO on a mg/m² basis. Because the MRHO for major depressive disorder is slightly less than that no COOI (5m gyr. 80 mg/s), the closes used in these carcinopeasity studies even only 20 mousel and 3.2 real limes the MRHO for COO. There was a significantly greater number of mate rats in the high-dose group with reliculum cell sacromas (1/100, 050, 050 and 4/50 for control, low-, middle and high-dose groups, respectively and a significant increased finant trend across dose groups for the occurrence of hymphoreticular tumors in male rats. Formale rats were not affected. Although there was a dose-related increase in the number of timors is mince, there was no drug-related increase in the number of mice with tumors. The relwance of these findings to humans is unknown.

Metagemesis: Paroxaline produced no genotoxic effects in a battery of 5 in vitro and 2 in vivo assays that included the folic terial mutation assay, mouse lympicone mutation assay, unscheduled DNA synthesis assay, and tests for cytogenetic aberrat in mouse bone marrow and in vivo in human lympicoytes and in a dominant lethal test in rats.

Impose one matter and minist in many improcycles and in a portnant tethal test in rats.

Impairment of Fartifity: A revected preprincy rate was found in reproduction studies in rats at a dose of paroxitine of 15 mg/tsytday which is 2.9 times the MRHO for of CDI on a mg/m² basis, it weeks be lesions occurred in the reproductive tway disorder, GAD and PTSD or 2.4 times the MRHO for OCID on a mg/m² basis, tweestble testion occurred in the reproductive tway disorder, GAD and PTSD or 2.4 times the MRHO for OCID on a mg/m² basis, tweestble testion so consisted of vaccolation of epididymal tubular epithelium at 50 mg/kg/day and atrophic changes in the seminiferous tubules of the testes with an exteat operamptopeasis at 75 mg/kg/day (38 and 4.9 times the MRHO for major depressive disorder, social arcsiety disorder and GAD; 8.2 and 4.1 times the MRHO for OCID and PD on a mg/m² basis).

disorder and GAU; 8.2 and 4.1 bints the Minto for our death of the property of

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

Nursing Mothers Like many other de-

like many other drugs, paroxetine is secreted in human milk, and caution should be exercised when Paxil (paroxetine hydrochloride) is administered to a nursing woman.

Pediatric Use Safety and effectiveness in the pediatric population have not been established.

Genistric Use

Genistric Use

In workfirste parametering Paral clinical trials, 17% of Paral-treated patients lapproximately 700) were 65 years of age or older.

Pharmacokinetic studies revealed in decreased clearance in the elderly, and a lower starting dose is recommended; there were, however, no overall differences in the adverse event profile butween elderly and younger patients, and effectiveness was similar in younger and older patients lies unlike 12 PhARMACOLONGY and ODSAGE AND ADMINISTRATION).

ADVERSE REACTIONS

ADVERSE REACTIONS
ASsociated with Discontinuation of Trustment
Twenty percent [1,1996,145] of Paul patients in worldwide clinical trials in major depressive disorder and 16.1% [84/522], 11.8%
(64/54/19,194/64/69), 107.1% (197/53) and 11.7% (198/76) of Paul patients in worldwide trials in social analety disorder, DCII), pagic
disorder, EAD and PTSD, respectively, discontinued treatment due to an adverse event. The most common events [21%] associated with
discontinuation and considered to be drug related (i.e., those events associated with dropout at a rate approximately twice or greater
for Paul compared to placebol included the Introven;

		lajor ve Diserder Macaba		XD .		Disertor	Ancies	ecial y Disardar		erelized y Diserder	7	rso
:NS		LISCORP	Pestil	Placabe	Pavil	Placabe	fed	Macabo	Paxil	Placebe	Paril	Placebe
iomnolence sionno noite	23%	0.7%	1.7%	0%	1.9% 1.3%	0.3% 0.3%	3.4% 3.1%	0.3% 0%	2.0%	0.2%	2.8%	0.5%
TIMET TA N	1.1%	0.3%	 1.5%	0%			1.7% 1.1%	0% 0%			1.0%	0.2%
iastro- intentinal		_	1.374	VA			1.9%	0%	1.0%	02%	-	
onstipation ausea iantea	32% 1.0%	1.1%	1.1%	0% 0%	3.2%	1.2%	4.0%	0.3%	2.0%	0.2%	2.2%	0.6%
y mouth whiting	1.0%	03% 03%	=									_
atulence ther	1.07	43%	_				10% 1.0%	0% 0.3%			_	=
sthenia bnormal biaculation*	1.6% 1.6%	0.4% 0%	1.9% 21%	0.4% 0%			25% 49%	0.6% 0.6%	1.8% 2.5%	0.2 % 0.5 %	1.6%	0.2%
Acating 1001ence	1.0%	0.3%	1.5%	0%			1.1%	0%	1.1%	0.2%	_	_
bido Decreased here numbers a							1.0%	0%			_	_

set he inditions of placebo,
historicon consisted for gender,
minimally Observed Adverse Events
ligit Algorization for adverse events associated with the use of paravetine (incidence of 5% or greater and incidence for Paul
ligit Algorization for placebo, derived from Table 1 below) were: astrenia, sweating, analyse, decreased appetite, somnolence, dizzilisast niver bit placebo, derived from Table 1 below) were: astrenia, sweating, analyse, decreased appetite, somnolence, dizzilisast viver bit placebo, derived from Table 2 below) were: not paravetine (incidence of 5% or greater and incidence for Paul
least twice that of placebo, derived from Table 2 below) were: nousea, dry mouth, decreased appetite, constipation, disziness,
minolence, tremor, sweating, imposence and abnormal ejeculations.

more unantage of the parties of the parties of the parties of parties of the parties of 5% or greater and incidence for Pauli least twice that for placebo, derived from Table 2 below) were: astheria, swearing, decreased appetite, Table becreased, trenor, ormal ejaculation, female pential disorders and impotence.

ocial Assisty Disorder emost commonly observed adverse events associated with the use of paraxetine (incidence of 5% or greater and incidence for Paul least twice that for placebo, derived from Tabla 2 below) were: swearing, nausea, dry mouth, constipation, decreased appetite, som-lence, tremor, bilde decreased, worm, abnormal ejaculation, tenale genital disorders and impotence.

Parallized Assisty Disorder

**Parallized

wit at least twice use not process, service many than the state and abnormal ejaculation.

streammetic Stress Disorder
most commonly observed adverse events associated with the use of parosciine (incidence of 5% or preater and incidence for xif at least twice that for placebo, derived from Table 3 below) were asthenia, sweating, nausea, dry mouth, diarrhea, decreased abnormal ejaculation, female genital disorders and impotence.

Indiance in Centrolled Clinical Trials a prescriber should be aware that the figures in the tables following cannot be used to predict the incidence of side effects in the size of usual medical practice where patient characteristics and other factors offer from those which prevailed in the clinical trials, as prescriber should be aware cannot be compared with figures obtained from other clinical investigations involving different useations that the strength of the process of the pr

∨ System	Preferred Term	Paxil (n=421)	Placabo (n=421)
is a Whole	Headache	18%	17%
	Asthenia	15%	6%
fiovascular	Palpitation	3%	1%
	Vasodilation	3%	19%
natologic	Sweating	11%	2%
	Rash	2%	1%
isnitaatriori	Nausea .	26%	
	Dry Mouth	18%	9%
	Constination	14%	12%
	Diarrhea	1976	9%
	Decreased Appetite	12%	8% 2%
	Flatulence	6% 4%	2%
	Oropharynx Disorder ²	4%	2%
		2% 2%	0%
uloskeletal	Oyspepsia	2%	1%
CONCRETER	Myopathy	2%	1%
	Myalgia	2%	1%
C	Myasthenia	1%	0%
ous System	Somnolence	23%	9%
	Dizziness	13%	6%
	Insomnia	13%	6%
	Tremor	8%	2%
	Nervousness	5%	3%
	Anxiety	5%	3%
	Paresthesia	4%	376
	Libido Decreased	3%	2% 0%
	Dovoged Feeling	2%	0%
	Drugged Feeling Confusion	1%	1%
iration	Yawn	4%	0%
ial Senses	Blurred Vision		0%
	Taste Perversion	4%	1%
onital System		2%	0%
amai sysieni	Ejaculatory Disturbance ^{2,4}	13%	0%
	Other Male Genital Disorders 3.5	10%	0% 0%
	Urinary Frequency	3%	1%
	Urination Disorder	3%	0% 0%
	Female Genital Disorders ^{3,7}	2%	ČÁŽ.

ents reported by at least 1% of patients restored with Pavil [harozetine hydrochloride] are included, except the following events which at an ancidence on placebo 2 Pavil, abdominal pain, egitation, back pain, chest pain, CNS stimulation, fews, increased appetite, voctorus, phaymyrist, postural hypotension, respiratory disorder (includes mostly "cold symptoms" or "URI"), trauma and vorniting-resistage corrected for gender.

Ludes mostly "lump in throat" and "sightness in throat."

"ludes anorgasmia," arectile difficulties, "delayed ejaculation/orgasm," and "sexual dysfunction," and "impotence," ludes mostly "difficulty with micturition" and "urinary hesitancy," studes mostly "anorgasmia" and "difficulty reaching climary/orgasm," and "sexual dysfunction," and "impotence," studes mostly "anorgasmia" and "difficulty reaching climary/orgasm."

JUDES mostly anotherms and uniculy reacting timistry disorder.

12 enumeralists adverse events that occurred at a frequency of 2% or more among OCD patients on Pauli who participated in placemental and of 12 events that a focular of a frequency of 2% or more among OCD patients on Pauli who patients with panic districted intake of 12 events are controlled intake of 12 events are of 10 to 10 events are controlled or 10 events are controlled or 10 events of 10 to 10 events duration in which patients were dosed in a range of 10 mg/day.

In a participated in placebo-controlled trials of 10 to 12 events duration in which patients were dosed in a range of 10 mg/day.

The participated in placebo-controlled trials of 12 events duration in the placebo-controlled trials of 12 events duration.

7. Tractivent-Energent Adverse Experience Incidence in Placebo-Controlled Clinical Triels for Obsessive pulsive Disorder, Panic Disorder and Social Assisty Disorder.

22% 11% 3% 7% 2% 1% — 2% 1% <u>1%</u> 1% =

•							
Dormatologic	Sweatine	9%	•				
	Rash	3%	3%	14%	6%	.9%	2%
Gastrointestinal	Nauses		2%	_	-		
	Dry Mouth	23%	10%	23%	17%	25%	7%
	Constipation	75%	9%	18%	11%	9%	3%
	Diantes	16%	6%	8%	5%	5%	2%
	Decreased Appetite	10%	10%	12%	7%	9%	6%
	DAzbelera paccamen vibbenie	3%	3%	7%	3%	8%	2%
	Ratifence	~	_	_		45	270
	nament.	_	_	_		1%	2% 2%
	Increased Appealte	4%	3%	2%	1%	14	
Musculoskelecut	Voniting	_	_			2%	_
Meryous System	Mysigns	-	-	_		12	1%
METTALS SYSTEM	Insorana	24%	13%	18%	10%	21%	3%
	Sometime	21%	7%	19%	11%		16%
	Dizmess	12%	5%	14%	10%	22%	5%
	Tremor	11%	1%	9%		11%	7%
	Nervousness	9%	8%	3,	1%	5%	1%
	Libido Decreased	7%	4%	9%	1%	1%	7%
	Agitalien	<u></u>		5%		12%	1%
	Antiety			5%	4%	3%	1%
	Abnorated Dreams	4%	1%	37	4%	5%	4%
	Concentration Impaired	3%	2%	_			
	Depersonalization	3%	0%	_	_	4%	1%
	Myocipius	3%	0%				_
	Amorsia	2%	1%	3%	2%	2%	1%
Respiratory System	Printis	476			_		_
	Pharyngitis	_	-	3%	0%		_
	Yawn	_	_	_	-	4%	2%
Special Senses	Abnormal Vision	4%	=	_		5%	1%
4,	Tasie Provension	4%	2%	_		4%	1%
Urogenital System	Abnormal Fraculation	2%	G%	_	_		
o openie openie	Dyamenonhea	23%	1%	21%	1%	28%	1%
			_			5%	1%
	Female Genital Disorder	3%	0%	9%	1%	9%	1%
	Impotance ³	8%	1%	5%	0%	5%	1%
	Livrary requency	3%	1%	2%	0%		
	Urination Impaired	3%	03	_			
	Urinary fract Infection	7%	195	200			

7. Processingle corrected for gender.

Seasonalized Maxistery Disorder and Positiransmotic Stress Disorder

Table 3 renumerates adverse ments that occurred at a krequency of 2% or more among GAD patients on Paxil who participated in placeboconstrolled trials of 8-weeks disable in which patients were dosed in a range of 10 mg/day to 50 mg/day or among PISD patients on

Paxil who participated in place-bo-controlled stails of 12-weeks duration in which patients were dosed in a range of 20 mg/

Table 3. Transferent-Emergent Adverse Experience Incidence in Placebo-Controlled Clinical Trials for Coneralized

Anxiety Disorder and Posttraumantic Stress Disorder!

		Generali Di:	zed Amziety ronder	Posttraumatic Strass Disorder	
Body System	Preferred Term	Paxil (≈735)	Placete (n=529)	Paxil (a=676)	Placebo (n=504)
Body as a Whole	Asthenia	14%	6%	12%	4%
	Headache	17%	14%	12.70	474
	Infection	6%	3%	5%	
	Abdominal Pain		0.0	4%	4% 3% 5%
	Traum)			476 CN	3%
Cardiovascular	Vasodilation	3%	•	6% 2%	5%
Dermatologic	Sweating	6%	1%	2%	1%
Gastrointestinal	Nausea	076	2%	5%	1%
	Dry Mouth	20%	5%	19%	8%
		11%	5%	10%	5%
	Constipation	10%	2%	5%	8% 5% 3% 5% 2%
	Ciambia	9%	7%	11%	ĔŰ
	Decreased Appetite	5%	1%	6%	376
	Vomiting	3%	2%	200	J7a
	Dyspensia			3% 5% 12%	2%
Vervous System	Insomria	11%	8%	376	3%
	Somnolence	15%	U 76	12%	71%
	Dizziness	6%	5% 5% 1%	16%	71% 5%
	Tremor	5%	5%	6% 4%	5%
	Nervousness	376	1%	4%	1%
	Libido Oecreased	4%	3% 2%	_	_
	Abnormal Dreams	9%	2%	5%	2%
Respiratory				5% 3%	2%
	Respiratory Disorder	7%	5%		~~
System	Sinusitis	4%	3%	_	_
	Yawn	4%		244	<1%
Special Senses	Abnormal Vision	2%	1%	50	<17
progenital	Abnormal Ejaculation?	25%	2%	2% 3% 13%	1%
System	Female Genital Disorder ^a	4%	1%	1374	2%
	Impotence ²	AY	170	3%	1% 1%
1 Frenis reported by	Impotence ² at least 2% of GAD and PTSD Pa	4%	3%	5% 9%	

cvenus reported by at least 2% of GAD and PTSD Pexil-treated patients are included, except the following events which had an incidence on placebo ≥Pazit (GAD): abdominal pain, batk pain, trauma, dyspepsia, myalgia, and pharyngilis. (PTSD): back pain, headathe.
 2. Percentage corrected for gender.

Describings continuous to years.

Doss Diagnathery of Advance Franks: A comparison of adverse event rates in a fixed-dose study comparing Pavil 10, 20, 30 and 40 mg/day with placebo in the treatment of major depressive disorder revealed a clear dose dependency for some of the more common adverse events associated with Pavil use, as shown in the following table:

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

Dadid a .	Placaba		P	edl	
Body System/ Professed Term	#=51	10 mg n=102	20 mg n=104	30 mg n=101	40 mg
Body as a Whole					<u>c=102</u>
Asthenia	0.0%	2.9%	10.6%	40.00	
Dematology	0.00	2.0 %	10.076	13.9%	12.7%
Sweating	2.0%	1.0%	0.20		
Gastmintestinal	1.076	1.076	6.7%	9.9%	11.8%
Constipation	5.9%	100			
Decreased Appetite	20%	4.9%	7.7%	9.9%	12.7%
Diarrhea	2.076	2.0%	5.8%	4.0%	4.9%
	7.8%	9.8%	19.2%	7.9%	14.7%
Dry Mouth	2.0%	10.8%	18.3%	15.8%	20.6%
Nausea	13.7%	14.7%	26.9%	34.7%	
Nervous System			10.5 A	34.7%	36.3%
Anxiety	0.0%	2.0%	5.8%	£ 004	
Dizziness	3.9%	6.9%	6.7%	5.9%	5.9%
Nervousness	0.0%	5.9%		8.9%	12.7%
Paresthesia	0.0%	2.9%	5.8%	4.0%	2.9%
Somnolence			1.0%	5.0%	5.9%
Tremor	7.8%	12.7%	18.3%	20.8%	21.6%
	0.0%	£0%	7.7%	7.9%	14.7%
Special Senses					17.7 %
Blurred Vision	2.0%	2.9%	2.9%	2.0%	706
Jrogenital System				23.6	7.8%
Abnormal Ejaculation	0.0%	5.8%	6.5%	10.00	
Impotence	0.0%	1.9%	4.3%	10.6%	13.0%
Male Genital Disorders	00%	3.8%	4.376	6.4%	1.9%
Pula facinate d'anne de cons	000		8.7%	6.4%	3.7%

Rule for including adverse events in table; incidence at least 5% for one of paroxetine groups and ≥ twice the placabo incidence for at least one paroxetine group.

least one paracetine group.

In a fixed-dose study comparing placebo and Paxil 20, 40 and 60 mg in the treatment of OCD, there was no clear relationship between adverse events and the dose of Paxil (paracetine hydrochloride) to which patients were assigned. No new adverse events were chaeved in the Paxil 60 mg dose group compared to any of the other treatment groups.

In a fixed-dose study comparing placebo and Paxil 10, 20 and 40 mg in the treatment of paxic disorder, there was tower towered between adverse events and the dose of Paxil to which patients were assigned, except for astherial, dry mouth, arrively, libido decreased, terror and abnormal ejectulation. In flacible-dose studies, no new adverse events were observed in patients receiving Paxil 60 mg compared to any of the other treatment groups.

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

assignes.
In a fixed-dose study comparing placebo and Paril 20 and 40 mg in the treatment of generalited anxiety disorder, for most of the adverse events, there was no clear relationship between adverse events and the dose of Paril Carnetine hydrochloride) to which

Paxil* (parexetine kydrockloride) continued

patients were assigned, except for the following adverse events: asthenia, constipation, and abnormal ejaculation. In a fixed-does study comparing placebo and Paul 20 and 40 mg 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 Paul 10 which patients were assigned, "Application to Certain Advance Events Diver a 4- to Found to paid to the control ejaculation."

except for impotence and abnormal ejaculation.

Inspations Cartain Afteriase Exercit. Deer a 4- to 6-week period, there was evidence of adaptation to some adverse events with timued therapy (e.g., nausea and disziness), but less to other effects (e.g., dry mouth, somnolence and astheria), is and formate Sarvail Organization with SSRs: Although changes in sexual desire, sexual performance and sexual satisfaction, en occur as menitestations of a psychiatric discorde; they may also be a consequence of pharmacologic treatment, in particular, some evidence suggests that selective serotopian reugitate inhibitors (SSRs); can cause such untoward sexual experiences. Eleible estimates of the incidence and severity of untoward experiences involving sexual desire, performance and satisfaction, are difficult to obtain, however, in part because patients and physicians may be reluctain to discuss them. Accordingly, estimates of the incidence of undoward sexual experience and performance cleed in product beliefing are likely to underestimate their actual incidence, in placebo-controlled clinical trials involving move than 3.000 patients, the ranges for the reported incidence of such sexual side effects in Stellow.

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

	Paxil	Placebe	·
n (males) Decreased Libido Ejaculatory Disturbance mpotence n (temales) Decreased Libido Orgasmic Disturbance	1446 6-15% 13-28% 2-9% 1822 0-9% 2-9%	1042 0-5% 0-2% 0-2% 0-3% 1340 0-2% 0-1%	

Decreased Librio
Drasmic Disturbance
Decreased Librio
Drasmic Disturbance
Decreased Chirlo
De

ents are further categorized by body system and listed in order of decreasing frequency according to the following definitions: for herse events are those occurring on one or more occasions in at least 1/100 patients lonky those not already listed in the tab satts from placebo-controlled bits appear in this islangle inferent adverse events are those occurring in 1/100 to 1/100 patients. Events of major clinical importance are also described in the PMI ONS section.

ody as a Whole: intrequent: altergic reaction, chills, face edema, mataise, neck pain; rave: adrenergic syndrome, cellulitis, mi ack rigidity, pelvic pain, perionitis, sepsis, ulcar.

ody as a Whole interprent allergic reaction, chills, face edema, malaise, neck pain; rave: adranergic syndrome, cellulitis, monifiasis, skrigding, petrio pain, perinolitis, sepsis, uber, artificiated by the properties of the properties of the perinolitis, sepsis, uber, artificiated by the perinolitis, petrolitis, sepsis, uber, artificiated by the petrolitis petrolitis, petrolitis, syndrome, received extension, and petrolitis, petrolitis, and petrolitis, petrolitis, syndrome, received infart, myocardial infart, petrolitis, petrolitis, petrolitis, supervised petrolitis, petrolitis, patroperatoris, grigoritis, glossitis, increased salivariors, petrolitis, patropetral petrolitis, petrolitis, petrolitis, petrolitis, petrolitis, petrolitis, petrolitis, petrolitis, patropetral petrolitis, petrolit

iscullaskafatal Systems: Inequent: artivalgia; infrequent: artivalgia; refrequent: artivalgia; refrequ

varied Seases: Inquent tinnitus: Infrequent: abnormality of accommodation, conjunctivitis, ear pain, eye pain, keraloconjunctivitis, officials, officials,

norrhage, glaucoma, hyperacusis, night bindness, oilids externa, panismia, photophobia, prosis, retinal hemorrhage, taste loss, visus pewifad Systems; infraquent; amenorhage, taste loss, visus pewifad Systems; infraquent; amenorhage, taste loss, visus pewifad Systems; infraquent; amenorhage, respective, pewifad systems; infraquent; amenorhage, vapinatis; area; abortion, breast attrophy breast eliargement, endometrial isotide; didymitis, lemale lactation, fibrocystic brasst, tidney poin, leukorthea, magnitis, metrorrhagia, nephritis, oliguris, asistemarkating Reports.

standardiage Reports:
untary reports of adverse events in pasients taking Parili parouetire hydrochloride that have been received since market introduction and listed above that may have no causal relationship with the drug include above pancrealitis, elevated liver function tests (the mass severe severe deaths due to liver necrosis, and organis elevated introductions and listed above that may have no causal relationship with the drug include above pancrealitis, elevated liver function tests (the mass severe severe deaths due to liver necrosis, and organis elevated introductions accordance with severe liver dysfunction. Building the severe free dysfunction, florible-theride actorner, sucception and productions suppositive of productiveness and comments of the production of imagnoprises AAH secretion, symptoms suppositive of productiveness and comments accordance, accordance associated with severe liver dysfunctions. Growtheed distributions, hyperrellexia, myclorus, sincerior, and triumus, secretion in plant and internal secretions and plant of the productive deaths and triumus, secretion in plant where included adjulation confusion, displantesis, allucinations, hyperrellexia, myclorus, sincernic, terror and triumus, secretion in plantesis from the macroid plantesis including plantesis from the secretic plantesis from plantesis including plantesis and terrors, started hemanopologies (including plantesis), allucinations, hyperrellexia, myclorus, sin

UG ABUSE AND DEPENDENCE strolled Substance Class: Paxil (paroxetine hydrochloride) is not a controlled substance.

varbinal substance. Class: Paril (parcetine hydrothoride) is not a controlled substance. "scilical and Psychologic Depandance." Pauli has not been systematically studied in animals or humans for its pountial for abuse, to-rice or physical depandence. While the clinical trials did not reveal any tendency for any drug-seeking behavior, these observations were systematic and its not possible to predict on the basis that limited experience the extent to which a CNS-active drug will be misused, yet and and/or abused once marketed. Consequently, prieters should be revokated creditly for history of drug abuse, and patients vid be observed closely for signs of Pauli misuse or abuse (e.g., development of tolerance, incrementations of dose, drug-seeking avior).

avior1

**POSAGE | Experiences: Since the introduction of Pauli in the U.S., 342 spontaneous cases of deliberate or accidental overdosage during interestment have been reported workwise (circa 1999). These include overdoses with paracetine alone and in combination with autostances. Of these, 48 cases were fabil and of the fatalities. 17 appeared to involve paracetine alone. Eight fabil cases which immented the amount of paracetine ingested were generally continued by the ingestion of other drugs or alcohol or the presence of inflament control conditions. Of 145 nore fabil cases with brown outcome, most recovered without sequelae. The largest known ingestinvolved 2000 mg of paracetine (C3 times the maximum recommanded daily dose) in a patient who recovered.

Commonly reported adverse events associated with paraxetine overdosage include sonnolence, come, nausea, termor, tathycardia, confusion, continos, and diziness. Other notable signs and symptoms observed with overdoses involving paracetine lalione or with other substances; include mydraiss, convolsions (including statuse indepleticals, ventricular dyshrphinal lifeologia cosade be politicals, hyper-tension, aggressive reactions, syncope, hypotension, stupor, bradycardia, dystoria, rhabdomylysis, symptoms of hepatic dystruction including hepatic failure, bepation necrosis, jaundice, bepatilitis, and hepatic stealously, sendonin syndrome, manic reactions, mycolorus, Overvinosage Messagement Florament should consist of those general measures employed in the management of overdosage with any fusive and effective in the treatment of major depressive disorder.

drugs effective in the treatment of major depressive disorder.

Ensure an adequate a in-way organization, and ventilation. Monitor cardiac rhythm and vital signs, Enerela supportive and symptomatic measures are also recommended, induction of emesis is not recommended. Eastinc isvage with a large-bore organization with any protection, if nexteed, may be indicated if performed soon after ingestion, or in symptomatic patients always protection, if nexteed, may be indicated if performed soon after ingestion, or in symptomatic patients. Activated charces should be administered. Due to the large volume of distribution of this drug, forced divinatis, dislysis, hence and exchange transfision are unlittely to be of benefit. No specific antidotas for particular inchange transfision are unlittely to be of benefit. No specific antidotas for particular inchange transfision are unlittely to be of benefit. No specific antidotas for particular inchanges to the support of the particular inchanges and exception in the particular inchanges and exception in the particular inchanges and exception of the inchange of the particular inchanges and except of the particular inchanges and extend the inner neaded for close medical observation (see Drugs Metabolized by Cytichroma Pey/III), under PRE-

In managing overdusage, consider the possibility of multiple drug involvement. The physician should consider contacting a poison instead in the properties of the properties of the physician should consider contacting a poison instead in the Physicians' Dest's Selerance (PDR).

DOSAGE AND ADMINISTRATION

DOSAGE AND ADMINISTRATION
Major Depressive Disorder
Usual Initial Dasages Pauli (sarqueine Indinochioride) should be administered as a single daily dose with or without food, usually in
the morning. The recommended initial dose is 20 mg/day, Pabents were dissed in a range of 20 to 50 mg/day in the clinical tists demondepressive disorder. As with all dougs effective in the clinical tists demondepressive disorder, the full effect may be delayed, Some patients not responding to a 20 mg dose may bearief from dose increases, in
Majatearana. Tharapy: There is no body of oxidence available to answer the question of how long the patient treated with Paral should
remain on it. It is generally agreed that acute episodes or major depressive disorder require swerral months or longer all statistics of sustained premaching in the dose needed to induce remission is identical to the dose needed to maintain and/or sustain and/or sustain and/or sustain.

unknown.

Systematic evaluation of the efficacy of Paxil (paroxetine hydrochloride) has shown that efficacy is maintained for periods of up to 1 year with doses that averaged about 30 mg.

Obsassive Computative Disorder

Unsured Michaeser Paxil (proceedine hydrochloride) should be administered at a single daily dose with or without food, usually in the morning. The recommended dose of Paxil in the treatment of DOD is 40 mg daily. Patients should be started on 20 mg/day and the range of 20 to 60 mg/day in the chinical mais demonstrating the effectiveness of Paxil in the treatment of OOD. The maintimum dosage Maintenance Therman maintenance of efficiency was demonstrated in a 6-maintimum dosage.

Should not exceed 60 mg/day. Maintenance of efficacy was demonstrated in a 6-month relapse prevention trial. In this trial, but the same of a processing demonstrated a lower relapse rate compared to patients on placebo (see CLNICAL PHARMOLOGY). OCD is a demonic 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 maintain the lowest effective dosage, and patients should be periodically reassessed to determine the maintain the lowest effective dosage.

need for continued treatment.

Panic Disorder

Panic Disorder

Bread Panic Disorder

Bre

adjustments should be made to maintain the patient on the lowest effective dosage, and potients should be periodically reassessed to determine the need for continued theatment.

Social Assisty Disorder

Usual feitial Desege: Paul should be administered as a single daily dose with or without food, usually in the morning. The recommended and initial dosage is 20 mg/day, in Clinical Inials the effectiveness of Paul was demonstrated in patients dosed in a range of 20 to 50 mg/day. While the safety of Paul has been evaluated in patients with social analety disorder at doses up to 50 mg/day, available information does not suggest any additionable benefit for doses above 20 mg/day (see CIMICAE) PHARMACO.OGN.

**Maintenasca: Therapy: There is no body of evidence available to answer the question of have long the patient leasted with *Paul should repain on it. Affrough the efficacy of Paul beyond 12 weeks of dosing has not been demonstrated in controlled chinical trials, social anxiety disorder is recognized as a chonic condition, and it is reasonable to consider continuation of variament 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 treatment.

**Constraint Initial Dosage: Paul Sould be administrated as a single daily dose with or without lood, usually in the morning, in clinical risals the effective dosage. Paul should be periodically an established effective dosage is 20 mg/day. There is no to sufficient evidence to suggests a greater benefit of sosses higher than the stabilished effective dosage. 20 mg/day. There is no to sufficient evidence to suggests a greater benefit of sosses higher than the sufficient patients. There is no body of evidence available to answer the question of how long the patient meated with *Paul demonstrated in controlled clinical trials, generalized anxiety disorder in the discours of the patient on the lowest effective dosage, and patients s

be periodically reassessed to determine the need for continued treatment on the lowest effective dosage, and patients should Prostratument is Stess Disperied. Prostratument is Stess Disperied. Wasel Initial Desage: Part should be administered as a single daily dose with or writhout food, usually in the morning. The recommended starting dosage and the established effective dosage is 20 mg/day, in one clinical trial, the effectiveness of Pazil was demonstrated in patients dosed in a range of 20 to 50 mg/day. However, in a fixed-dose study, there was not sufficient entered 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 all teast tweet.

**Maintenance Therapy: There is no body of evidence available to enswer the question of how long the patient treated with Pazil should remain on it. Affloagh the efficacy of Pazil beyond 12 weeks of dosing has not been demonstrated in controlled clinical trials, PISD is recognized as a chronic condition, and it is reasonable to consider continuation of treatment for a responding patient, ask, PISD is recognized as the made to maintain the patient on the lowest effective dosage, and patients should be periodically Dosage adjustments should be made to maintain the patient on the lowest effective dosage, and patients should be periodically Dosage and patients should be periodically.

reassessed to determine the need for continued treatment.

Dosage for Edingt or Debitished, and Parlians with Seyers Renal or Hepatic Impairment: The recommended initial dose is
10 mg/day for elderly patients, debitiated patients, and/or patients with severe renal or hepatic impairment, increases may be made if
indicated. Dosage should not exceed 40 mg/day.

Switching Patients to or from a Monoramine Oxidaes Inhibitor; At least 14 days should elapse between discontinuation of an MAD and initiation of Pavil (paroxeline hydrochloride) before
starring an MAD.

Starting at MAU.

Discontinuation of Treatment with Paxif. Symptoms associated with discontinuation of Paxif have been reported (see PECAL-TRONS). Patients should be monitored for these symptoms when discontinuing treatment, regardless of the indication for which Paxif being prescribed. A ground reduction in the does return than about creatable in some controlled whenever possible. If intolerable symptoms corrusted to decrease in the does or upon discontinuation of treatment, then recurring the previously prescribed does may be NOTE: SHAKE SUSPENSION WELL BEFORE USING.

HDW SUPPLIED
Tablets: Firn-coated, modified-oval as follows:

10 mg yellow, scored tablets engraved on the front with PAXIL and on the back with 10. NDC 0029-3210-13 Bordes of 33

20 mg pink, scored tablets engraved on the front with PAXIL and on the back with 20, NOC 0029-3211-13 Bottles of 33

NOC 0029-3211-20 Bottles of 100 NOC 0029-3211-21 SUP 100's fintended for institutional use only)

30 mg blue tablets engraved on the front with PAXIL and on the back with 30. NDC 0029-3212-13 Bontles of 3r)

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-colored, orange-flavored, 10 mg/5 mL, in 250 mL white bottles. NDC 0029-3215-48

Store suspension at or below 25°C [77°F]. DATE OF ISSUANCE DEC. 2001

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