

Redacted Dear Dr

Your representative, Magaly Santiago, forwarded your request for information regarding the use of *Paxil* (paroxetine hydrochloride, SmithKline Beecham Pharmaceuticals) in children and adolescents.

Synopsis

As noted in the enclosed prescribing information, use of *Paxil* in children or adolescents is not within the FDA-approved labeling; therefore, we may not offer any recommendations regarding the use of *Paxil* for this purpose. However, a search of the Product Information Department's published literature database identified several studies (a meeting abstract, an open label study and a retrospective review) which begin to evaluate the usefulness of *Paxil* in children and adolescents for the treatment of depression. It is premature to draw firm conclusions from these studies other than further study is warranted.

Our search also identified information gathered from pediatric overdose experience in two age groups: under 6 years and over 11 years. Exposures in the younger group ranged from 10 to 120 mg. and from 100 to 800 mg in the older group. These patients required minimal clinical management and fully recovered without any serious sequelae. Specific toxic thresholds have not been established in children.

Clinical Studies

Keller et al (1998), in a meeting abstract, presented data gathered from a double-blind, placebo-controlled trial comparing *Paxil* and imipramine in the treatment of adolescents

EXHIBIT 65

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with major depression. This study enrolled 275 outpatients (ages 12 – 19) meeting DSM-IV criteria for major depression. Patients were treated for 8 weeks with either Paxil (20 mg – 40 mg/day) or imipramine (titrated to 200 – 300 mg/day). Assessment of response was measured utilizing the 17-item Hamilton Depression Rating Scale (HAM-D), the 7-point Clinical Global Impression of Improvement (CGI) and the 9-item depression scale of the Kiddie SADS (K-SADS). Significant improvement over placebo was seen in the Paxil-treated group for the percentage of patients achieving remission (HAM-D score of 8 or less) and for the mean CGI. Patients treated with imipramine did not show significant improvement over placebo in any of the measured parameters. Withdrawals from the study due to an adverse event was highest in the imipramine group (32%), compared to 10% and 7% in the Paxil and placebo groups, respectively.

Rey-Sánchez et al (1997) conducted an open-label study of Paxil in the treatment of major depression in children under 14 years of age. Patients (n=45, mean age 10.7 ± 2.0) meeting DSM-IIIR criteria for major depressive disorder were treated in an outpatient setting. Paxil was initiated at a dose of 10 mg/day with an allowance for dose adjustment throughout treatment (mean dose $16 \text{ mg/day} \pm 5 \text{ mg}$). Treatment was continued until the depressive episode was completely resolved. Disease severity was measured utilizing a 5-point Clinical Global Severity scale (CGS) 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 CGS. At baseline, the mean CGS was 3.0 (range 2-4). At month 1, the mean CGS was 2.2 (range 1-4; mean ITR = 0.8) and at month 3 the mean CGS was 1.2 (range 0-3, mean ITR = 1.8). A complete remission of symptoms was reported in all patients at the end of treatment (8.4 \pm 1.4 mos.). Boys showed a significantly better response than girls at 1 month as measured by CGS or ITR (p<0.05). This difference was not seen at month 3. No patients experienced a worsening of symptoms.

Adverse events were reported in 4/45 (9.5%) of the patients (vomiting during the first 4 days of treatment, anxiety and nervousness, abdominal pain, and abdominal cramps and nausea). These events were reported as mild to moderate with no patients withdrawing from the study. No patients presented with hypomania, disinhibition or decreased appetite during treatment. Echocardiographs and electrocardiographs were obtained on 12 of the patients; no alterations were noted. Patients were permitted to receive benzodiazepines during the study if needed; 16/45 (36%) were treated as such for insomnia or acute anxiety.

In a retrospective review, Rodriques-Ramos et al (1996) evaluated the usefulness of *Paxil* in the treatment of adolescents (ages 13-17 years) with depressive disorders. All of the patients reviewed (n=25) were diagnosed with either a primary (n=12) or secondary diagnosis of depressive disorder using ICD-10 criteria. Other primary diagnoses included dysthymia (n=7), adjustment disorder with depressive reactions (n=2), anorexia nervosa with depressive episodes (n=2), and depressive conduct disorder (n=2). Treatment with *Paxil* was initiated at 10 mg or 20 mg daily and ranged between 10 mg and 40 mg daily through the study period. Seven of these patients were also treated with a benzodiazepine

and one patient was treated with haloperidol. Assessment was made at 8 weeks of treatment. Total remission (no primary symptoms, no more than one secondary symptom) was reported for 11/25 (44%) patients, improvement with residual symptoms in 8/25 (32%) patients, and no change in 4/25 (16%) patients.

Two patients (8%) withdrew from the study due to adverse events (dizziness with hypotension, anxiety). Adverse events were reported in 8/25 (32%) patients (most commonly asthenia, somnolence and nausea). Utilizing the UKU Side-Effect Rating Scale, 6 of these events were rated as mild. The only events rated as moderate or severe occurred in the two patients who withdrew from treatment.

Masi et al (1997) has reported improvement in 4 of 7 patients with mild intellectual disability (IQ range 53 to 68) treated with Paxil. These patients were initially treated with 10 mg of Paxil daily for 7 days. Doses were increased by 10 mg per day at 5 day intervals to a maximum of 40 mg daily based on body weight (0.5 mg/kg/day) and clinical response (final doses ranged from 20 to 40 mg daily). Adverse events included sedation, insomnia, and gastrointestinal complaints of nausea and dyspepsia. One patient required a dosage reduction for 5 days and no patients withdrew from treatment.

Pediatric Overdose Experience

Myers and Krenzelok (1997) have reviewed 35 paroxetine overdoses involving pediatric exposures reported to a regional poison information center over a 24 month period. Sixteen children under the age of 6 years (10.5 mos. to 5 yrs.), were exposed to doses of *Paxil* ranging from 10 mg to 120 mg. All of these children were asymptomatic except one child who was drowsy but easily arousable after ingesting 30 mg of *Paxil*.

Nineteen adolescents over the age of 11 years ingested doses of *Paxil* between 100 and 800 mg., either alone or in combination with another medication. Five of the patients who ingested *Paxil* alone experienced minor symptoms including mydriasis (200 – 400 mg), drowsiness (400 mg), sinus tachycardia (400 mg), dizziness (800 mg), nausea (800 mg), vomiting (200 mg-560 mg) and fine tremors (600 mg). Five of the patients ingesting *Paxil* in combination with another medication experienced symptoms that were consistent with the co-ingested medication. Minor symptoms included drowsiness, vomiting, orthostatic hypotension, and tachycardia. One case of moderate bradycardia was reported in a patient also ingesting propranolol, ranitidine and haloperidol.

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. SmithKline Beecham Pharmaceuticals makes no recommendations beyond those in the approved labeling and suggests that you review the enclosed prescribing information before initiating therapy. If you have any further questions regarding our products, please contact the Product Information Department at 1-800-366-8900, ext. 5231.

Sincerely,



Product Information Department

Redacted

References:

Keller MD, Ryan ND, Birmaher D et al. Paroxetine and imipramine in the treatment of adolescent depression. Am Psychiatric Assoc Annual Meet Toronto, Ontario, Canada 1998; abstract NR206. PXL3491/213559

Masi G, Marcheschi M, Pfanner P. Paroxetine in depressed adolescents with intellectual disability: an open label study. J Intellect Disabil Res 1997;41(3):268—272. PXL2998/204864

Myers LB, Krenzelok EP. Paroxetine (Paxil) overdose: a pediatric focus. Vet Hum Toxicol 1997;39(2):86-88. PXL2658/195614

Rey-Sánchez F, Gutiérrez-Casares J. Paroxetine in children with major depression disorder: an open trial. J Am Acad Child Adolesc Psychiatry 1997;36(10):1443-1447. PXL3000/204872

Rodríques-Ramos P, de Dios-Vega JL, San-Sebastian-Cabases J et al. Effects of paroxetine in depressed adolescents. Eur J Clin Res 1996;7:49-61. PXL2120/3940

Encl: PXL0



PRESCRIBING INFORMATION

PAXIL® paroxetine hydrochloride tablets and oral suspension

DESCRIPTION

Paol paracetine hydrochloride) is an orally administrated antidepressant with a chemical structure unclassed to other sealective settotonio reuprake inhibitors or to tricycle, hetracycle other sealective inhibitors or to tricycle, hetracycle other sealective antidepressant agents. It is on-pound identified and a phany-hot proma-RAI-illucroptionity is said of a phany-hot proma-RAI-illucroptionity in the production of the product

peroxetine hydrochloride Peroxetine hydrochloride is an odotless, off-white powder, having a melting point range of 120 to 138°C and a solubility of 5.4 mg/mL in

Each lim-conted tablet cortains parexetine by Each litm-coated tablet cortains percenting hy-drochoride coulvalent to paroweline as follows: 10 mg-yellow; 20 mg-park (scored); 30 mg-bite, 40 mg-green, harctive ingredients consist of dibasic carbon phosphate dihydrate, hydroxy-propyl methylcellulosa, magneralum stearete, polyethylane glyrods, polysorbate 80, sodium standi glyrodste, tilanium dioxide and one or more of the following: DSC Red No. 30, DSC Yellow No. 10, FD&C Blue No. 2, FD&C Yellow No. 8

No. 8. Suspension for Oral Administration Each 5 mt. of orange-colored, orange-flavored liquid comains paravetine hydrochloride oquivarent to peravetine, 10 mg. Inactive ingredients consist of polacifier potassium, microcystalkine selections, society, paraben, propyl paraben, society citate diffusite, citate card anti-paraben, society card anti-paraben, society, society, lievongs, FD&C Yelow No. 6 and simethicone environ. 19.

emulsion USP. CLINICAL PHARMACOLOGY

The artidepressent action of perovetine and its efficacy in the treatment of obsessive compulsive disorder (OCD) and peric disorder (PD) is presumed to be inked to potentiation of sortionergic activity in the central nervous system re-1

subing from inhibition of neuronal resplace of serotonin (S-hydroxy-tryptomine, 5-HT). Studies at clinically relevant doses in humans have demonstrated that peroxenine blocks the upster of serotonin into human platelets. In wird studies any minds also suppose that peroxenine is a potent and highly solicitive inhibitor of neuronal serotonin recipitate and has only very weak effects on nonepunephrine and dopernine neuronal resultate, in wird reddigard binding studies indicate that paroxenine has little allinity for muscarinit, apital, alphan, bette-admenged, doparnine [D-HT]. S-HT], and histamine (H-H-cooptors and alpha-admenging cooptonine place) and alpha-admenging cooptonine place and alpha-admenging cooptonine place and with vancus antichnilengie, seddive and cardiovascular official for other psychotropic drugs.

applia-vectoring traceptors. Inside the inside application with various antichrolinergic, sedative and cardiovascular offects for other psychotropic drugs. Because the relative potencies of paroxitine's major metabolities are at most 1/50 of the period compound, they are essentially insictive. Pharmacochinetics are at most 1/50 of the period compound, they are essentially insictive. Pharmacochinetics are at most 1/50 of the period compound, they are essentially insictive. Pharmacochinetics and tablet. Paroxibine and tablet period and tablet. Paroxibine and tablet paroxibine and tablet. Paroxibine and tablet proportionality studies in stady-state does neoportionality studies involving eliderly and nonoldorly patients, at does of 20 to 40 mg daily for the noneliderly, some normality and considered from single-dose data in these subjects. The proposition and the entrymes that metabolizes paroxibine in seady saturable. Paroxibine and populations, again reliacting a saturable metabolic petitivey. In comparison to Copy values after 20 mg daily were only about 2 to 3 times greater than doubled. Paroxibine in principal metabolics after oral administration. The principal metabolics after oral administration. The principal metabolics are pole-

ing a saturable metabolic peltiwey. In comperison to C_m, volves after 20 mg daily water only about 2 to 3 times greater 40 mg daily were only about 2 to 3 times greater 40 mg daily were only about 2 to 3 times greater from doubled Paroyestine is extensively motoboliced after oral administration. The principal metabolities are polar and conjugated products of oxidation and mathystion, which are readily cleared. Conjugates with pucuronic acid and suffate predominate, and major metabolities have been isolated and dentified. Data indicate that the metabolities have no more than 1520 the potency of the parent compound at inhibiting serotorin uptake. The metabolism of paroxetine is accomplished in part by cytochrome P_{stell}IC. Saturation of this snayme of clinical doses appears to account for the nonlinearity of percentine kinetics with increasing docas and increasing duration of treatment. The role of this enzyme in paroxetine metabolism also suggests potential drug-drug hierarchions tose PRECAUTICNSI. Approximately 64% of a 30 mg oral solution dose of paroxetine was excreted in the round of 25% as metabolities over a 10-day post-dosing period. About 38% was excreted in the focas (probably visit the bile), mostly as metabolities and issay the principle of the parent compound over the 10-day post-dosing period. Distribution: Paroxethre distributes throughout the body, including the CNS, with only 1% remaining in the plasma. Protein Binding: Approximately 95% and 30% of paroxetine is bound to plasma protein at 100 ng/ml. Paroxetine does not after the *in vitro* protein brinding of phonominations and patients with remaining and peptient impairment. The mean plasma concentrations of paroxetine occor in subjects with remaining the day on the protein the special protein.

Remain and period impairment. The period plants with remaining the protein informations approximately 4 times greater then soon in normal voluntors. Patients with remainine clearance of 30 to 80 ml. Jimin and patients with the patient under cleara

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

Elderly Patients in a multiple-dose study in the elderly at daily percenting doses of 20, 30 and 40 mg. C_{min} concentrations were about 70% to 80% preater than the respective C_{mo} concentrations in non-liderly subjects. Therefore the initial desage in the siderly about be reduced toe ODSAGE AND ADMINISTRATIONI.

Clinical Titals

Depression the siderly should be reduced toe ODSAGE AND ADMINISTRATIONI.

Clinical Titals

Depression for pauli (paracetine hydrochloride) as a treatment for depression has been established in 6 placebo-controlled studies of pallents with depression lages 18 to 73). In titles studies Paak was shown to be significantly more affective than placebo in treating depression by at least 2 of the following measures: Hamilton Depression Rating Scale (HDRS), the Hamiton depressed mood kiern, and the Clinical Globel Impression (Call-Severity of litness, Pauli (peroxetine hydrochloride) was significantly letter than placebo in improvement of the HDRS, sub-factor scores, including the depressed mood kiern, and the Clinical Globel Impression (Call-Severity of litness, Pauli (peroxetine hydrochloride) was significantly letter than placebo in improvement of the HDRS sub-factor scores, including the depressed mood kiern, sleep disturbance factor and anceity factor.

A study of depressed outpallents who had responded to Paul (HDRS total score Sg during an initial B-week (open-treatment phase and were their randomized to communation on Paul of the compared to those on placebo (29). Effectiveness was similar for male and fermele patients.

Obsessive compulsive disorder (OCD) was demonstrated in two 12-week multicanter placebo-controlled studies of adult outpressers (Studies 1 and 2). Patients in all studies and anomalized to those on placebo (20). The summary of the second of the procedure of approximately

Outcome Cles: Improvement Its				
Quecome Classification	Plecebo (N=74)		Paxil 40 mg (H=60)	Paxil 60 mg (N×60)
Worse	14%	7%.	2%	3%
No Change	44%	35%	27%	19%
Minerally Improved	24%	33%	25%	34%
Much improved ·	11%	18%	22%	21%
Very Much Improved	7%	7%	20%	20%

Very Much Improved 7% 7% 20% 20% 20% Subgroup enalysis of not indicate that there were any differences in treatment outcomes as a function of age or pender. The long term mointenance effects of Paxil in OCD were demonstrated in a long-term extension to Study 1. Patients who were responders on peroxettine during the 3-ronth double-blind phase and a 8-month extension on pend-abel paraxeline 20 to 60 mg/day) were randomized to either peroxeline of placebo in a 6-month double-blind telapse prevention phase. Patients rendomized to peroxetine were significantly less fixely to religate than comparably treated patients who were randomized to placebo.

Panic Disorder
The effectiveness of Paxil in the treatment of panic disorder was demonstrated in three

10 to 12 week multicenter, placebo-controlled studies of adult corporations (Studies 1-3). Patients in all studies ad panic disorder (DSM-IIIR), with or writhout agoraphobia. In these studies, Pawli was shown to be significantly more effectively as a shown to be significantly more effectively as a shown to be significantly more effectively. It is all the set 2 but of 3 measures of paric attack frequency and on the Circial Global Impression Severity of liness score. Study I was a 10-week doser-range finding study, patients were treated with fixed paroxetine closes of 10, 20, or 40 myday or placebo. A significant difference from placebo was observed only for the 40 myday group. At endopoint, 76% of patients receiving paroxetine 40 myday were frea of panic attacks, compared to 44% of placebo-treated patients.
Study 2 was a 12-week liexible-dose study comparing paroxetine (10 to 80 mg daily) and placebo. At endopoint, 51% of peroxetine patients were free of panic attacks compared to 32% of placebo-treated patients.
Study 3 was a 12-week liexible-dose study comparing paroxetine (10 to 60 mg daily) to placebo m patients concurrently receiving standardized cognitive behavioral therapy, At endopoint, 33% of the paroxetine-treated patients.
In both Studies 2 end 3, the mean peroxetine

cognitive behavioral thérapy. At Endocint, 33% of the patrosation-travel paiems showed a reduction to 0 or 1 panic attacks compared to 14% of placebo pationts. In both Studies 2 and 3, the mean peroxetime dose for completers at endocint was approximately 40 mg/dsy of peroxetine.

Long-term maintenance effects of Paol in penic 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 peroxetine vere significantly less fisky to religible to 3-month double-blind extension phase were randomized to peroxetine vere significantly less fisky to religible the despective vere significantly less fisky to religible the reversion phase. Patients randomized to peroxetine vere significantly less fisky to religible than comparably treated patients who were randomized to perceive vere significantly less fisky to religible that there were any differences in treatment outcomes as a function of age or gender.

RINDICATIONS AND USAGE Depression of age or gender.

RINDICATIONS AND USAGE Depression of the treatment of depression and the prominent and relatively persistent of depression of the total controlled traits of outpations whose degroess corresponded most closely to the DSM-II category of major depression and relatively persistent depressed or dysphoric mood that usually interferes with dealy functioning (nearly every day for at least 2 weeks); it should include at least 4 of the 10/dowing 8 symptomic change in specific or interferes with dealy functioning (nearly every day for a finess of integrats in usual activities or decrease in sexual drive, increased fatigue, feelings of patients. Near the suicidal settempt or impelied concentration, and a suicidal externation in suicidal ideation.

The anticapersistant action of Paxil in hospitalized depressed patients. Next not been adocuted or impelied concentration.

suicidal ideation.
The antidepressant action of Paxil in hospitalized depressad patients has not been adequately

The antidopressam action of Pavil in hospitalized depressate patients has not been adoquately studied.

The elificacy of Pavil in maintaining an antidepressant response for up to 1 year was demanstrated in a placeop-controlled trial Isse CUNI-CAL PHARIMACOLOSY. Nevertheless, the physician who elects to use Pavil for extended periods should periods by re-evaluate the long-term usefulness of the drug for the individual patient.

Observative Computative Disorder Pavil is indicated for the treatment of obsessions computative disorder (DCD) as defined in the DSM-IV. The obsessions or computations cause marked distress, are imme-consuming, or significantly interfere with social or occupational functioning.

The efficacy of Pavil was established in two 12 week triels with obsessive computative outpatients whose diagnoses corresponded most closely to the DSM-IVIR talegory of obsessive computative outpatients whose diagnoses corresponded most closely to the DSM-IVIR talegory of obsessive computative disorder (see CLINICAL PHARIMA-COLOGY—Clinical Tiels). Obsessive computative disorder is characterized by tecurrent and peristent ideas, thoughts, imputates or images (obsessions) that are ego-dystonic andor repetitive, purposetal and interbonal behaviors icomputational that are recognized by the person as excessive or uneasonable.

Long-term maintenance of efficacy was demonstrated in a 6-month relepse prevention trial. In this trial, patients assigned to parcosettins showed a lower relapse rate compared to patients on placebo (see CLINICAL PHARMACOLOGY). Nevertheless, the physician who elects to use Park for estended periods should periodically mevaluate the long-term usefuness of the drug for the individual patient (see DOSAGE AND ADMINISTRATION).

Panic Pleorder Paul is indicated for the treatment of penic disorder, with or without appropriate, as defined in DSM-IV. Paric disorder is characterized by the occurrence of unexpected periodizated and essecurence of unexpected periodizated an

Osinity. Part to device a bardetistant of the cocurrence of unexpected parts attacks and excises concern about having additional strawwary about the implications or consequence the attacks, and/or a significant change in bel

casted concern about naving accidence access, worny about the implications or consequences of the attacks, and/or a significant change in behavior related to the attacks. The efficacy of Parki parametine hydrochloridel was established in three 10 to 12 week trials in perior disorder positions whose diagnoses consequences of the DSM-IIII category of penic disorder (see Clinical Paramacology—Clenical Imals). Perior disorder positions of the Control Positivity is characterized by recurrent unexpected paris attacks, i.e., a discrete for intense less or disconflict in which four for more of the following symptoms developed about the period of intense less or disconflict in which four for more of the following symptoms develop about the manufacture of the control of

CONTRAINMENT (LONG)
Concomitent use in patients taking monoamine
oxidase inhibitors (MAOIs) is contraindicated
see WARNINGS and PRECAUTIONS).

concises shibitors (MAUS) is continuousless insee WARININGS and PECAUTIONS.

WARNINGS

WARNINGS

WARNINGS

Warning of the interaction with Monoamine Obdesse inhibitor drug in combination with a monoamine or with a monoamine oxidase inhibitor (MAO), there have been reports of assister, accretimes fata, reactions including hyperthermals, rigidity, myoclorus, autonomic instability with possible rapid fluctuations of vital agine, and mental status changes that include axirone agitation propressing to deliniant and coma. These reactions here slee been reported in patients who have recently discontinued that drug and have been started on a MAOV. Some cases presented with testance resembling neuroleptic malignent syndrome. While there are no hereno data shoveling such as interaction with PaoC, limited animal data on the effects of combined use of percovatine and MAOV suggest that these drugs may act synerphicially to elevate blood pressure and evoko behavioral accitation. Therefore, it is recommended that Pauli is processive hydrochloridel not be used in combination with a MAOV, at least 2 weeks should be allowed after stopping Pauli before starting a MAOV.

PECAUTIONS

General

Activation of Manie/hypomenia: Outing pre-

PRECATIONS
General Activation of Mania/hypomenia: During premarketing testing, typomania or mania occurred
in approximately 1.0% of Parinteelled unipolar
patients compared to 1.1% of Parinteelled unipolar
patients compared to 1.1% of active-control and
0.3% of piacebo-treated unipolar patients. In a
subset of patients despitied as bipolar, the fall
of manic episodes was 2.2% for Parin and
1.8% for the combined active-control groups,
As with at amidepressants, Parinteelled promps,
As with at amidepressants, Parinteelled patients, or
patients with a bestory of mania;
patients with a bestory of mania;
smalls to that associated with other amidepressants, Parinteelled patients, or
5.5

with a history of seizuras. It should be discontinued in any patient who develops seizuras. Subclow: The possibility of a suicide attempt is inherent in depression and may persist until significant remission occurs. Clase supervision of high-risk patients should accompany initial drug therapy. Prescriptors for Paul should be written to the amallest quantity of Labets consistent

inition in emission occurs. Close supervision of high-risks patients should accompany initiol drug theispy. Prescriptions for Pausi should be written for the smallest quantity of tablets consistent with good patient management, in order to reduce the fist of overdose.

Phyponatrians several cases of hyponatromia have been reported. The hyponatremia appeared to be reversible when Pausi was discondinued. The majority of these occurrences have been negotiated to the reversible when Pausi was discondinued. The majority of these occurrences have been several reports or who were otherwise volume depleted. Abnormal Bleeding: There have been several reports of the control of the part of the rest of the rest of the part of the part of the rest of the part of the part of the rest of the part of the part

heart rate or blood pressure, increased plasme concentrations of perception cocur in printings with severe renal impairment constrained severe renal impairment constrained clean case of mil. Imin.) or severe heart increases the comment of the com

issues with patients for whom they prescribe
Pavil
Interference with Cognitive and Motor Parferencesc Any psychoacture drug may impair
judgment, thinking or motor skills. Although in
controlled sudice Pavil has not been shown to
impair psychomotor performance, patients
should be causioned about operating hazardous
machinery, including automobiles, until they are
reasonably certain that Pavil therapy does not
affect their about to engage in such activities.
Completing Course of Therapy: While patients
may notice improvement with Pavil therapy in
to A weeks, they should be advised to combine
therapy as Geretod.
Concomitant Medication: Patients should be
advised to inform their physician if they are
taking, or plan to take, any prescription or overther-counter drugs, since there is a potential for
interactions.

the-counter drugs, since there is a potential for instractions. Alcohol: Although Pawi hea not been shown to increase the impairment of mental and motor stids caused by alcohol, potents should be advised to avoid abohol while taking Pawi. Pregnency: Patients should be advised to notify their physician if they become prepared to notify their physician if they become prepared to notify their physician is they are present during thorapy. Alwaying: Patients should be advised to notify their physician is they are breast-feeding an infant tace PRECAUTIONS—Nursing Mothers). Laboratory Tests
There are no specific isboratory tests recommended.

There are no specific leboratory tests recommended.
Drug Informations.
Tryptophan: As with other serotenin reuptake inhibitors, an interaction between percent and applophan may occur when they are co-administrated. Adverse experiences, consisting primority of headache, nauses, sweating and deziness, have been reported when syptophan was administrated to patients taking Pacif typropriation of Pazir with typophan is not recommended. Monocomine dedease habitores See CONTRAINOCATIONS and WARNINGS.
Westfairs Preliminary data suggest that there may be a pharmacodynamic interaction (that

causes an increased bleeding disthesis in the lace of unaltered prothrombin timel between perceding and warfarin. Since there is little clinical experience, the concernitant soministration of Paul and warfarin should be undertaken with

Suinatriotae: There have been rare postmarket Sunsaripteas: There have been rare postmarketing reports describing peliants with weakness,
hypereflexia, and incoordination following the
use of a selective serrotoin reuptate inhibitor
ISSRI and sunratipitan, if concomiant treatment
with sumatripitan and an SSRI (e.g., flooretine,
fluoromine, permetine, sertraline) is clinically
worranted, appropriate observation of the patient
is exhibitor.

is advised.

Druge Affecting Hepastic Metabolism: The metabolism and pharmacolinetics of paroxeine may be affected by the induction or inhibition of drug-metabolizing enzymes.

Cimatidine-Cimatidine inhibits many cyto-chrome P₈₅ (cridative) enzymes. In a study where Past GO mg qul. I was disade analy for 4 weeks, steady-state plasma concentrations of peroxeine were increased by approximately 50% during co-sidministration with oral cimelidina (200 mg Ltd.) for the final week. Therefore, when these drugs are administrated concurrently, drosspe adjustment of Pasti (paroxeine hydrochloride) after the 20 mg starting doss stroutd be puided by clinical enfect. The affect of paroxeine on cimelidina's pharmacolinetics was not studied. Phenobarbital-Phenobarbital-Induces many cyto-chrome P₈₀ localizative) enzymes. When a single oral 30 mg dose of Pasti was administered at phenobarbital steady state (100 mg q.d. for 14 deys), patoxetine ALC and T₁₀ ware reduced by an average of 25% and 38%, respecially) compared to paraxetine administered atone. The effect of paraxetine administered atone. The other paramacokinetics, the results of this study may not address the case where the 2 drugs are both being chronically deced. No initial Past dosage adjustment is considered necessary when to-administered with phenobarbital engasheem adjustment should be guided by chinical effect.

Phenytoin-Meno a single oral 30 mg dose of Pasti was the 2 drugs are both being chronically deced. No initial Past dosage adjustment should be guided by chinical effect.

Phenytoin-Meno a single oral 30 mg dose of Pasti was the constitute of the paraxetine start when the paracetinal engage and the paramacokinets, the value of paraxetinal paraxet of the pasting doruge and the paraxet of the paraxet

(see PRECAUTIONS-Tricyclic Antidepressants). Druge Metabolized by Cytochrome Parilla, An In vivo interaction study involving the co-diministration under steady-state conditions of paroxetine and terferadine, a substrate for cytochrome Papilla, revealed no effect of paroxetine on terfenacine pharmacokinetics. In addition, in vitra studies have snown tetrconzole, a potent inhibitor of Papilla, cityin, to be at least 100 immer more patent than perceiving as an inhibitor of the metabolism of several substrates for this entryme, including terfenacine, asternizole, disapride, futazolam, and cyclosporin. Based on the assumption that the tigationary of the perceiving and cyclosporin. Based on the assumption that the tigationary between perceiving in vitro K and its lack of effect on terfenacinets in vivo closanace predicts in a friend on other IIIA, substrates, paroxetine's extern of inhibition of IIIA, substrates, paroxetine in the co-durinistration of IIIA, substrates, paroxetine may inhibit ICA metabolism. Plasme ICA concentrations may need to be monitored and the dose of ICA may need to be reduced if a TCA is co-administered with Pavil bee PRE-CAUTIONS-Ongs Metabolized by Cytochrome Paullo.).

CAUTIONS-Drugs Metabolized by Cytocarum-Paullb₂). Drugs Metabolized by Cytocarum-Drugs Highly Bound to Planna Prosein: Be-cause paroxeine is highly bound to plasme pro-tein, administration of Paul to a polient taking another drug that is highly protein bound may cause increased free concentrations of the other drug, potentially resulting in adverse events. Conversely, edverse effects could result from displacement of paroxetine by other highly bound drugs.

bound drugs. Alkohord Athough Pavil does not increase the impairment of mental and motor stills caused by alcohol, patients should be advised to avoid slochol while taking Pavil (paraxetine hydrochloride). Lithium: A multiple-dose study has shown that there is no pharmacolimetic interaction between Pavil and kithium carbonate. However, since there is thit chirals appetience, the concurrant administration of perceatine and trihium should be undertaken with caution.

be undertaken with caution.

Disputier: The steady-state pharmacokinetics of paroxetine was not altered when administered with tidpoxin at steady state. Mean dipoxin AUC at steady state decreased by 16% in the presence of peroxetine. Since there is little clinical experience, the concurrent administration of paroxetine and dipoxin should be undertaken with caution.

Olizzapern: Under stazdy-state conditions, diaze-pern does not appear to affect paroxeting kinel-ics. The effects of peroxetine on diazepern were

not evaluated. Procyclidines: Daily oral docing of Paul 130 mg q.d. Increased steady-state AUC₀₄₆. C_{mm} and C_m values of procyclidine 5 mg oral q.d.) by 35%, 37%, and 67%, respectively, compared to procyclidine atoms at steady state. If anticholinative effects are seem, the dose of procyclidine should be reduced.

should be reduced.

Beta-Blockers: In a study whose propranolol (80 mg b.i.d.) was doesd orally for 18 days, the established steedy-state plasms concentrations of propranolol were waitered during co-administration with Paol (80 mg q.d.) for the fine! 10 days. The effects of propranolol on peroxidine have not been evaluated (see ADVERS REACTIONS-Postmarkering Reports).

TIONS-Postmarkaring Reports!

Theophylline: Reports of elevated theophylline levels associated with Pazzi treatment have been reported. While this interaction has not been lornelly studed, it is recommended that theophylline levels be monitored when those drugs are concurrently administered.

Electro-convulsive Therapy (ECT): There are no chrical studies of the combined use of ECT and Pazzi.

r 201. Carsinogenesis, Mutagenesis, impeliment of

Larranogenessa; mutagenesia; impeliment of Fertility Cercinogenesia; Two-year carcinogenicity studios were conducted in rodents given paroxeuine in the diet at 1, 5, and 25 mg/kg/day (mice) and 1, 5, and 20 mg/kg/day (mice) and 10, 5, and 20 mg/kg/day (trace) and recommended human loses MMRIOI for depression on a mg/m² basis. Because the MRIAO for depression is shightly lass than that for OCO (50 mg vs. 60 mg), the doses used in these carcinogenicity studies were enty 2.0 mouse) and 3.2 (rat) times the MRIAO for OCO. There was a sig-

nificently greater number of male rats in the high-dose group with reticulum cell sercomes (1/100, 0/50, 0/50 and 4/50 for control, low-, middle- and high-dose groups, respectively and a significant-ly increased linear trend across dose groups for the occurrence of kymphoteticular tumors in malo rats. Female rats were not affacted. Although there was a bose-falted increase in the number of tumors in mice, there was no drug-related increase in the number of mice with tumors. The Jolevance of these findings to humans is unknown.

sumors. The Jelevance of these findings to humans is unknown.

Mutaparceasis: Parosetine produced no genotoxic effects in a battery of 5 in vitro and 2 in vivo assays that included the fotowing: bacterial mutation assay, moute hymphoms mutation assay, moute hymphoms mutation assay, moute hymphoms mutation assay, and tests for rytogenetic aberrations in vivo in mutae bone marrow and in vitro in human hymphocytes and in a dominant lethal test in rats.

Impairment of Fartility: A reduced pregnancy rate was of parosetine of 15 mytypday which is 2.9 sinces ha MRHO for depression or 2.4 times the MRHO for OCD on a mg/m² basis, irreversible lesions occurred in the reproductive tract of male rats after down join toxicity studies for 2 to 52 weeks. These lesions consisted of vacuolation of epididyms! subular opthetism at 50 mythyday and attophic changes in the semi-niferous tubules of the testes with arrested apermatoponesis at 25 mythyday 98 and 4.9 times the MRHO for OCD and PO on a mg/m² basis).

Preparatey

the MRHD for depression; 8.2 and 4.1 times the MRHD for OCD and PO on a mg/m² basis). Preparately Terratogenic Effects—Preparacy Category C Reproduction studies were performed at doses to 50 mg/tg/dev in rabbits administered during organogenesis. These doses are equivalent to 9.7 rat) and 2.2 frabbit times the maximum recommended tumen dose MRRID for depression (50 mg) and 8.1 (rat) and 1.9 febbit times the MRHD for OCD, on a mg/m² basis. These studies have revealed no exidence of terratogenic effects. However, in rats, there was an increase in pup deeths during the first 4 days of lactation when dosing occurred during the last timester of gestation and continued throughout lactation. This effect dose for rat pup mortality was not determined. The cause of these deaths is not known. There are no adequate and well-controlled studies in pregnant women. Because enimal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if the potential benefit justifies the potential framer.

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

Nursing Mathers Like many other d

reursing relatives; Like many other drugs, paroxetine is secreted in human milk, and caution should be exercised when Paxil (paroxetine hydrochloride) is administered to a nursing wormon.

tered to a training volume.

Safety and effectiveness in the pediatric popula-tion have not been established.

tion have not been established.
Gerleitte Use
Gerleitte Use
In worldwide premarketing Pacol clinical misls,
17% of Parkhreated patients (approximately
700), were 65 years of age or older. Pharmacokinetic studies revealed a decreased clearance in
the edoth, and a lower starting does is recommended; there were, however, no overall differences in the adverse overall profile between
elderly and younger patients, and offerciveness
was similar in younger and older patients (see
CLINICAL PHARMACOLOGY and DOSAGE
AND ADMINISTRATION),
ADVERSE REACTIONS

ADVERSE REACTIONS

Associated with Discontinuation or Treatment Tryon percent III, 199/G, 145) of Pavil patients in worldwide cirical tries in depression and 11.8% (A4/542) and 9.4% (A4/65) of Pavil patients in worldwide tries in OCD and parise discorder, respectively, discontinued treatment that to an advarse event. The most common events (21%) associated with discontinuation and considered to be drug related (a.e., those events associated with dropout at a rate approximately twice or greater for Pavil compared to placebol included the following:

CHS	Dog Pard	rumien Placabe	PACE	CD Placeles	Panic Pani	Dissorter Piscobe
Samolesca	23%	07%	_		1.3%	03%
l/scoreniz	_		1.7%	9%	1.3%	03%
Agination	1.1%	05%	-			
Transco	1.1%	03%	-			
Осторные			15%	8%		
Contraction						
Constipution			1.1%	6%		
Nacaos			:::::	ĸ		
	17%	1,1%	1.5%	•	32%	1.2%
Distribus	1.0%	03%	_			
Day mouth	10%	20%	_			
Unmitted	1.0%	0.35	=			
Diber						
Atthenia	1.5%	0.4%	1.3%	04%		
Abnormal	127					
siscresion,	1,27,	6%	7.1%	DΧ		
Sweeting	t.trs.	03%				
Sweens		67.7				

Depression
The most commonly observed adverse events associated with the use of peroxetine fincidence of 5% or greater and incidence for Faxil at least twice that for placebu, delived from Table 1 below! Wate: astheria, sweating, reuses, deceased appetite, somnolence, distinctses, incommon, tremoi, nervousness, esculatory tisturbance and other mide genital disorder disturbance and other mide genital disorder.

Obsessive Computative Disorder
The most commonaly observed adverse monts.

bance and other mee gental disorders.

Obsessin's Computation Disorder

The most commonly observed adverse events
associated with the use of parametine fincidence
of 5% or greater and incidence for Pavid at least
twice that of placeto, derived from Table 2 be-low) were nauses, dry mouth, decreased appetite, constigation, diziness, somnolence, termor,
sweeting, impotence and abnormal ejeculation.

Pauls: Disorder

Pasit: Disorder
The most commonly observed adverse events associated with the use of paroxetine functions of 5% or greater and incidence for Paul at least twice that for placebo, derived from Table 2 below! were: astretie, awnsting, decreased appetite, librid decreased, tremor, abnormal ejeculation, termale genital disorders and impotence. The common of the common

utilition, territine general succession incidences in Controlled Clinical Trials Departments in Controlled Clinical Trials Department in the India series in Controlled Clinical Trials Department and incidence of 1% or more among proteometricated patients who participated in short term 16-week placebo-controlled trials in which patients were dosed in a range of 20 to 60 mg/ dey. Reported advance events were classified using a standard COSTART-based Dictionary terminology.

The prescriber should be awere that these figures cannot be used to predict the incidence of side affects in the course of usual medical practice where patient cherocleristics and other factions differ from those which provided in the clinical trials. Similarly, the cited frequencies cannot be compared with figures obtained from other chical investigations involving different treatments, uses and investigations. The clinical figures, however, do provide the prescribing physician with some basis for estimating the relative contribution of drup and nondrup factors to the side effect incidence rate in Procebe-Controlled Cantell Trials for Depression.

Body System	Protected Term	Pax//	Placeho (n=121)
Body as a Whole	Hoedache Axitoria	19% 15%	17% 5%
Cardiovascular	Palpitation Vasoralation	3%	1% 1%
Dormatologic	Sweating Rash	11%	2% 1%
Gazaniwatowal	Hausea Dry Mouth	26% 18%	9% 12%
	Constipation Diarrhea	14%	9% 8%
	Decreased Appende	6% 4%	2% 2%
	Oropharyna Eksorder ³ Dyspepsia	2% 2%	0%
Winterlookeletal	Myopathy Myakijia Myakibanla	25 25	1% 1% 0%
Nervous System	Sommoleace Dizzinoss Insumnia	23% 13% 13%	9% 6% 6%
	Tromor	8%	2%
	10		

Respiration Special Senses Unopenital	Neryousness Ancety Paresthesie Divido Decreased Drugoed Feeling Contusion Yawn Blurned Vision Taste Perversion Fiscalatory	5% 5% 4% 3% 2% 1% 4% 4%	3% 3% 2% 0% 1% 0%
System	Disturbance ^{2,4} Other Male Genital Discoders ^{2,5} Urinary Frequency Unination Bisorder ⁴ Female Genital Discoders ^{2,7}	10% 3% 3% 2%	0% 1% 0%

 Events reported by at least 1% of patients meated with haul (partners or hydrochloride) are included, except the following wenter which had an incidence on placedo > Pazz' abdominal pain, agitation, back pain, chest pain, CNS stimulation, fever, increased appeals, important, pharmysis, postural jumpotantion, respiratory disorder pharynoitis, postural hypothesion, respiratory disorder includes mostly cold symptoms or "URI"), trauma and

mostly "lump in throat" and "tightness in

finances transport of the pender.

(Persentage corrected for pender.

(Mostly "granularry delay."

(Mostly "granularry "granular potence."

5. includes mostly "difficulty with micharition" and "urinary

hesitancy."
Includes mostly "enorgesmile" and "difficulty reaching climacylogasm."

ive Compulaive Disorder and Panic

Decorder
Table 2 enumerates adverse events that occurred
at a frequency of 2% or more among OCD
patients on Pacifiwho perticipated in placebo controlled trials of 12-weeks chration in which, petients were dosed in a range of 20 to 60 mg/day
or among patients with panic disorder on Pacif
who perticipated in placebo-controlled trials of 10
to 12 weeks duration in which patients were
dosed in a range of 10 to 60 mg/day.
Table 2. Theorem-Emergent Adverse Experiance Intelletion in Placetio-Controlled Clinical
Triels for Obsessive Computaive Disorder and
Panils Disportair

	9	-	. Pierri	<u>p</u> Dies	rder.
	-	Pacif	Parento	Part !	net bles
Rody Bysines	Proturned You	• (m=FU)	-	-	-336
Body as a	Azimia	22%	14%	14%	5%
Whole	Absorbed Pair			4%	3%
	Check Pain	3%	2%		-
	Sack Ppin	·		3%	2%
	Chiets	2%	1%	274	1%
Cardovescular	Vesocilation	4%	1%		-
	Paloitation	24	0%		_
Dermanulogic	Swearing	ae.	3%	14%	£% ·
	Rash	3%	2%		 '
Contraction	Macana	23%	18%	20%	17%
	Dry Mouth	. 18K	3%	18%	11%
	Consiprion	15%	6%	2%	57.
	Dianties	10%	18%	12%	7%
	Decrused	9%	3%	77.	32
	Appeles				
	posses	4%	3%	2%	1%
	Appublic				
Nervous .	tracersis	24%	13%	18%	10%
. System	Scrynolance	24%	7%	12%	11%
	Dizzinesz	12%	£%.	16%	103-
	Remor	11%	1%	275	1%
	Nervouses:	. 3%	3%		
	Libido Decresso		4%	274	12
	Adulton	_	_	57	4%
	Antiety			5%	4%
	Absonnal Drew		1%	_	-
	Economization Impaired	37	-		_
	Departmentation	n 37.	6%		_
	Myscierus	31.	97.	3%	23.
	Annois	2%	12		_
Bespennery	Hirris s	_	_	37,	8%
System					
Special Senses	Amount hose		275	-	=
l become bed	Tacte Parverson		9%	~=	~
Uregenital System	Abnormal Encolation?	23%	12.	21%	1%
-dreen	inches Conital	31	. 8%	5%	1%
	COCHA PANCE	-21-	٧.	3-	
	Incolored.	8%	1%	5%	0%
	Hiray	.3%	17.	27	0%
	Frequency				-
	Drivenos	37.	17%	_	-
	Impaired				
	Urany kaci	2%	1%	7%	12
	Infection				
1 5					

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creased, depression, huadache, hyperkinesia, infection, perestriesia, phayrippia, respiratory disorder, thistis and sixualitis, Ipanic fastroder; altomatel derames, abhomatel sion, cheet pain, cough increased, depressonalization, deression, dynamorrhaa, dynamosta, justicianism, head-che, infection, pratigia, neoroutness, paspitation, pare-tiesia, phayrippitis, rash, respiratory disorder, sinuasitis, taster pervenient, trauma, unitation impaired and vesto-direction.

dilation.

2 Percentage consisted for pendes

Does Department of Adverse Everyta: A compension of adverse everyta: IA compension of adverse event rates in a fixed-does
study compening Paul 10, 20, 30 and 40 myldsy
with placebe in the treatment of depression
revealed a clear does dependency for name of
the Protes common adverte events essociated
with Paul uso, as shown in the following table:
Table 3. Treatment-Emergent Adverse

Experience Incidence in 7. Table

Description

Depression Dose-Comperison Trial*					
Piecebo			Pag		
Body System/ Prefected Torsa	n=51	10 mg	29 mg	30 mg	を開発
Body as a Whole					
Asthenia	0.0%	29%	105%	13.9%	12.7%
Demnatology					
Sweating	2.0%	1.0%	6.7%	8.9%	11.8%
Gastroimestinal					
Constitution	5.9%	4.9%	7.7%		12.7%
Decreased	20%	2.0%	5.6%	4.0%	4.9%
Appetite					
Diarrhea	7.8%	9.8%	19.2%		14.7%
Dry Mouth	2.0%	10.B%	183%		20.5%
Nausea	13.7%	147%	26.9%	34.7%	35.3%
Nervous System					
Anxiety	0.0%	2.0%	5.8%	5.9%	5.5%
Dizziness	3.9%	6.9%	6.7%	8.9%	12.7%
Nervousness	0.0%	5.9%	5.8%	4.0%	2.9%
Paresthesia *	0.0%	2.9%	1.0%	5.0%	5.9%
Somnolence	7.8%	12.7%	18.3%	20.8%	21.5%
Tremor	0.0%	0.0%	7.7%	79%	14.7%
Special Senses					
Blured Vision	2.0%	2.9%	2.9%	2.0%	7.8%
Urogenital System Abnormal					
Exculation	0.0%	5.8%	65%	10.00	13.0%
impotence	0.0%	1.9%	43%	64%	1.9%
Male Genited	TT 10	(.3%	4.1%	0.4%	1.23
Disorders	0.0%	3.8%	8.7%	5.4%	3.7%
*Rule for including least 5% for now	y autom	TOPMS OF	3 XI (2)X	a; moo	HEE H

Fixe for including adverse events in table; incleance of least 5% for one of percovarine groups and 2 whice the placebo incidence for at least one percovarine group. In a fixed-close study comparing placebo and Paril 20, 40 and 60 mg in the treatment of OCD, thore was no clear relationship between adverse events and the close of Paol (percovatine hydro-chloride) to which patients were assigned. No new adverse events were observed in the Paril 60 mg close group compared to any of the other treatment croups.

60 mg dose group compared to any of the other treatment groups.

In a feed-dose study comparing plecebo end Paul 10, 20 and 40 mg in the treatment of panic disorder, there was no clear reletionship between adverse events and the dose of Paul to which patients were assigned, except for astheria, day mouth, anxiety, libidio docreased, vernor and abnormal epicutation. In the labels dose studies, no new adverse events were observed in patients receiving Paul 60 mg compared to any of the other treatment proper.

Adeparation to Cartain Adverse Events: Over a 4-to Gwreek period, thore was evidence of adaptation to some adverse events with continued therapy (e.g., nausoe and dizziness), but less to other effects (e.g., dry mouth, somnoleace and satherial.

other effects (e.g., dry mouth, somnolence and astherial.

Weight and Vital Sign Changese: Significant weight loss may be an undesarable result of treatment with Pavil for some priterials but, on average, patients in comrolled trials that minimal fabout 1 pounds weight loss vs. smaller changes on placebo and active control. No significant changes in vital signs systoke and disastolic blood pressure, pulso and temperature! were observed in patients treated with Pavil and controlled chical trials.

ECG Changese: In an analysis of ECGs obtained in 682 potents treated with Pavil and 415 patients treated with Pavil and 415 patients treated with Pavil and 52 potents treated with Pavil and between in the ECGs of alther group.

Liver Function Tests in placebo-controlled clinical trials, and clinical significant treated with Pavil exhibited abnormal values on fiver function tests at no greater rate than that seem in placebo-treated patients. In particular, the Pavil-vs.-function created patients in patient

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and bilirubin revealed no differences in the percanage of patients with marked abnormatios.

Other Events Observed During the
Premarkating Evaluation of
Pauli figure conserved the premarkating Evaluation of
Pauli figure doose of Pavil ware administered
to 5,145 patients in phase 2 and 3 studies. The
conditions and duration of exposure to Pavil
varied greatly and included (in overlapping catejories) open and double-bind studies, uncontrolled and controlled studies, inpatient and outpatient studies, and fixed-dose and thration studies. During premarkating clinical trials in OCD
and panic discorder, 542 and 489 patients, respectively, received multiple doses of Pavil. Untoward events associated with this exposure
were recorded by clinical investigators using tominicity of their own choosing. Consequently, it
is not pessible to provide a meaningful estimate
of the preportion of individuals expensionery of their own choosing. Consequently, it
is not pessible to provide a meaningful estimate
of the preportion of individuals expensioned events with a smaller number of
standardized event testegories.

In the tabulations that follow, reported adverse
events ware classified using a standard COSTART-based Dictionary terminology. The frequencies presented, therefore, represent the
proportion of the 7,159 batterns exposed to multiple doses of Paxil thanoustine hydrochloride)
who experienced an event of the type cited on at
least one occasion while receiving Paxil. All reported events are inched except those avanalisted in Tables 1 and 2, those reported an isose
events where a fairly the terminal of the preported events are those occurring on one or
more occasions in at least 1/100 patients (only
those occurring in 1/100 to 1/1000 patients; frequent
adverse events are those occurring on one or
more occasions in a least 1/100 patients (only
those occurring in fewer than 1/1000 patients.
Events or further asseptored by body system
and listed in order of decreasing frequency
activates events are those

unsumraturi, tongue epema, tooth caries, tooth malformation. Endocrâne System: rere: diabetes melitius, hypothyroidism, senenia, leukopytosis, hypothodosposthyr, byrophodysta, hymothodystais, microcytic anemia, houtorytosis, hymothodysis, microcytic anemia, monocytosis, normocytic anemia, thrombocytosis, normocytic anemia, normoc

cytherine. Metablonet: Iroquent: odomo, Metablotic and Netrothonet: Iroquent: odomo, weight gain, weight loss; introquent: hyper-processing, peripheral edomo, SGOT increased, SGPT increased, thirst; rare: akaline phosphatuse increased, blimbinerna, BUN increased, training phosphoiniase increased, dehydration,

gamma olobulins increased, poul, hypercalcemia, hypercholesteremia, hyperkalemia, hyperchoa-phatemia, hypocalcemia, hypoglycemia, hypoka-lemia, hyponatremia, ketosis, lactic dehydrogen-rea increase.

lemia, hyponatramia, keitosis, facia: dehydrogentases increased.

Mesculnakaletal System: Irequent: arthralgia;
infraquent: arthritis; rare: arthrasis, bursitis;
infraquent: arthritis; rare: arthrasis, bursitis,
rayositis, ostaoporosis, generalized apasm, tenosynovitis, tatamy.

Meurous System: Irequent: stmesia, CNS stimutation, concentration impeired, deptession,
smotional lability, vertigo; infrequent: abnormal
thinking, akinesia, alcohof abuse, alaxia, control
thinking, akinesia, alcohof abuse, alaxia, ostatinional statisticasia, hypertonia, hypestrationi,
hostility, hypeirinesia, hypertonia, hypestrasio,
incoordination, lack of armotion, maric reaction,
neurosis, paralysis, paranoid reaction; rare;
abnormal electroenceptislogram, abnormal gal,
entimoral parasthesias, delirum, delaiora, tipicapinoria, attrapyramidal syndrome, fasciculations,
prand mal convutsion, hyperalgesia, hypodenasia,
hystenia, Rikolo increased, manicelepressive traction, meningilis, mysilis, neuroja, neurosihvy, mystagmus, peniprieri neurita, psychosis,
psychosic depression, reflexes decreased, reflexes increased, stupor, trismus, withdrawal syndrome.

Respiratory System: frequent: cough increased,

action, imeningitis, myelitis, neurojoia, neuropathy, nystapraus, popithyel neuritis, psychosis, psycholic depression, reflexen decressed, eleberative depressed, stupor, trismus, withdrawal symbolic depressed, stupor, trismus, tronchitis, dysprea, epistusis, hyponembision, prestronia, nespiratory flu, sinuaris, voice alteration; rare: emphysema, hemoprysis, hiccups, lung fibrosis, purmonary edeme, sputtum increased.

Skim and Appendegues Insquent: puritius; intraquent: eone, siopecia, dry skin, ecchymosis, eczema, furnacioses, dry skin, ecchymosis, eczema, furnacioses, dry skin, ecchymosis, eczema, furnacioses, dry skin, ecchymosis, ender and productive symbolic symboli

hypotension when Paxil was added to chronic

hypotension when Paxil was added to chronic motoprotol treatment. DRUG ARISE AND DEPENDENCE Controlled Substance Class: Paxil tracoverse invocationale in not a controlled substance. Physical and Psychologic Dependence: Paxil has not been systemstically studied in animals or humans for its potential for abuse, tolerance or physical dependence. While the claincal frisle did not reveal any tendency for any drug-seeking behavior, these clasenshors were not systemsic period of this invited experience the extent to which a CNS-active drug will be misused, diverted and/or abused once marketed. Consequently, patients should be evaluated carefully for history of drug abuse, and such preinals should be observed classly for eigns of Paxil misuse or abuse (e.g., development of tolerance, incrementations of dose, drug-seeking behavior). OVERDOSACE Human Experience: Overdose with Paxil flug to 2000 mgl alone and in combination with other drugs has been reported. Signs and symptoms of orientees with Paxil include nauses, vomiting, setalion, diziness, aweating, and facial flush. There are no reports of corna or convisitors following overdosage with Paxil land, and a combination with other accome has been reported or really when Paxil was taken in combination with other agents, or when taken slone. Overdosage Management: Treatment should consist of those general measures employed in the management of overdosage with any antidopressant. There are no specific entition is developed the following averdosage with paxil not of the parent in combination of exact and ventilation. Gastric overcusion of the parent tricyclic shockpote of abnormality. Supportive care with recursity having taken promoters, or carefully having taken promoters. In a specific caution involves patients taking or recently having taken promoters. In such a case, accumulation of the parent tricyclic and fire pression. In physiciant sequelse and extend the time assumed of articyclic shifted press.

sicians: Desk Relemence (PDR).

DOSACE AND ADMANISTRATION

Depression

Lease Intitlet Desage: Paxil (peroxistine hydrochioride) should be administered as a single daily
doso, usually in the morning. The recommended
intitle dose is 20 mg/day. Patients were dosed in
a range of 20 to 50 mg/day in the cinical triats
demonstrating the antidepressent effectiveness
of Paxil. As with ell antidepressent, the full antidepressent effect may be delayed. Some poinents not responding to a 20 mg dose may
benefit from dose increases, in 10 mg/day
increments, up to a maximum of 50 mg/day.

Dose changes should occur at intervals of at
least 1 week.

Meintenance Therapy: There is no body of evidence available to answer the question of how
long the patient treated with Paxil should remain
on it, it is generally agreed that acute explanded of
depression require several months or longer of
sustained pharmacologic therapy. Whether the
dose of an artidepressent needed to induce remission is identical to the dose needed to malisustained pharmacologic therapy. Whether the
dose of an artidepressant needed to induce remission is identical to the dose needed to malisay items and a sustained of paramacologic therapy. Whether the
dose of an artidepressant needed to malisystematic evaluation of the officacy of Paxil
(peroxatine hydrochloride) has shown that efficacy is maintained for periods of up to 1 year
with doses that averaged about 30 mg.

Dosebetive Compulsaive Disorder

Leusal Initial Desage: Paxil (paramactine hydrochloride) should be administered as a single daily
dose of Paxil in the treatment of OCD is 40 mg.

dose, usually in the morning. The recommended dose of Paul in the treatment of OCD is 40 mg

daily, Patients should be started on 20 mo/day and the dose can be increased in 10 mo/day increments, Dose changes should occur at intervals of at least 1 week. Patients were dosed in a range of 20 to 60 mg/day in the clinical trials demonstrating the effectiveness of Pavil in the waterneth of COL. The most increases should

vals of all least I week. Patients were dosed in a range of 20 to 50 myday in the chincal trails demonstrating the effectiveness of Pavil in the treatment of OCD. The maximum dosage should not exceed 60 myday.

Maintainment TherapyLong-term maintenance of efficacy was demonstrated in a 8-month relapse prevention trail. In this trail, patients with OCD assigned to parosetine demonstrated a lower relapse are compared to patients on plecebo (see CLINICAL PHARMACOLOGY). OCD is a chronic condition, and it is reasonable to consider continuation for a responding petient. Ocsage adjustments should be made to melotain the patient on the lowest effective dosage, and patients should be periodically reasonable to determine the need for continued treatment. Paralc Disorder

Usual Initial Dosage: Pavil should be administered as a single daily dosa, jusually in the morning. The larged dose of Pavil in the treatment of paric disorder is 40 myday. Patients should be stated on 10 myday. Dose changes should not price disorder is 40 myday. Patients should be stated on 10 myday. Dose changes should not exceed 60 myday. **Meintenance Therapy** Long-term maintenance of the efficacy was demonstrated in a 3-month relapse prevention trial. In this trial, patients with pauc disorder assigned to peroxisting described in a responding patient. Desage adjustments should be made to maintain the patient on the lowest efficiency dosage, and patients should be made to maintain the patient on the lowest efficiency dosage, and patients should be productively reasonable to consider continuation for a responding patient. Desage adjustments should be made to maintain the patient on the lowest efficiency dosage, and patients should be made to maintain the patient on the lowest efficiency or Edicity or Debilitated, and **Potients with Senser Firenal er Hapastic Impairment. Increases and patients should be positived in the patient on the lowest efficiency or patients with severe renal or the patients, and/or patients with Senser Firenal er Hapas

NOTE: SHAKE SUSPENSION WELL BEFORE USING.
HOW SUPPLED Tablets: Firm-costed, modified-oval as follows: 10 mg yellow tablets engraved on the front with PAXII. and on the back with 10.
NDC 0029-3210-13 Bottles of 30
20 mg pink, scored tablets engraved on the front with PAXII. and on the back with 20.
NDC 0029-3211-13 Bottles of 30
NDC 0029-3211-20 Bottles of 100
NDC 0029-3211-21 Suprities of 100

NDC 0079-3211-21 SUP 100's intended for in-situtional use only
30 mg blue tablets engraved on the front with 90 mg blue tablets engraved on the front with PAXII. and on the back with 30. NDC 0029-3213-13 Bottles of 30 40 mg preen tablets engraved on the front with PAXII. and on the back with 40. NDC 0029-3213-13 Bottles of 30 Store ubblets between 15° and 30°C (59° and 50°F). Oral Suspension: Orange-colored, orange-flavored, 10 mg/s mL in 250 mL white bottles. Menufactured in Crawley, UK, by SmithKline Beacham Phurmaceuricals. NDC 0029-3215-40 Store suspension at or below 25°C (77°F).

NUL 0029-3215-49 Store auspension at or below 25°C (77°F). DATE OF ISSUANCE NOV. 1997 OSmithKine Beecham 1997 SmithKline Beecham Pharmacauticals Phisolophia, PA 19101 PYLL14A Printed In U.

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