CNS SPECTRUMS°

THE INTERNATIONAL JOURNAL OF NEUROPSYCHIATRIC MEDICINE

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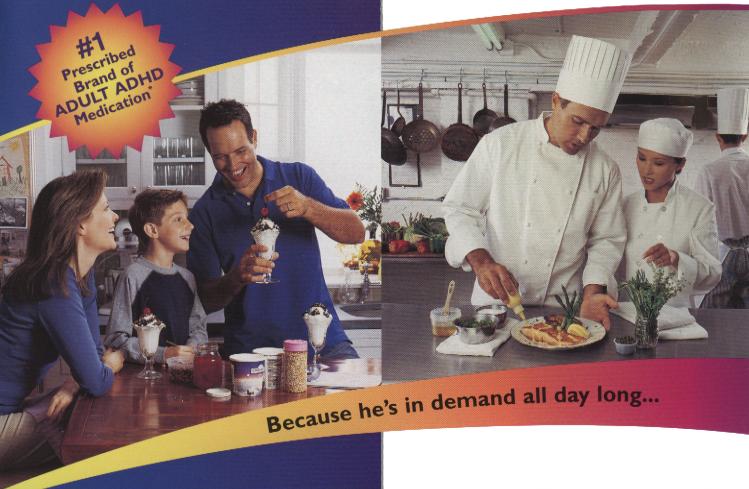
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HOME

Aim Higher With ADDERALL XR®

The most common adverse events in clinical studies of ADDERALL XR included: pediatric-loss of appetite, insomnia, abdominal pain, and emotional lability; adolescent-loss of appetite, insomnia, abdominal pain, and weight loss; adult-dry mouth, loss of appetite, insomnia, headache, and weight loss.

The effectiveness of ADDERALL XR for long-term use has not been systematically evaluated in controlled trials. As with other psychostimulants indicated for ADHD, there is a potential for exacerbating motor and phonic tics and Tourette's syndrome. A side effect seen with the amphetamine class is psychosis. Caution also should be exercised in patients with a history of psychosis.

Abuse of amphetamines may lead to dependence. Misuse of amphetamines may cause sudden death and serious cardiovascular adverse events. These events have also been reported rarely with amphetamine use. ADDERALL XR generally should not be used in those with structural cardiac abnormalities. ADDERALL XR is contraindicated in patients with symptomatic cardiovascular disease, moderate to severe hypertension, hyperthyroidism and glaucoma, known hypersensitivity to this class of compounds, agitated states, history of drug abuse, or current or recent use of MAO inhibitors. ADDERALL XR should be prescribed with close physician supervision.

Please see references and brief summary of prescribing information on adjacent page.

*IMS Dataview, July 2005

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AJ138 10/05

WORK

For Efficacy That Measures Up to Life's Demands

- Once-daily dosing provides all-day symptom control¹
- Mean ADHD-RS total scores for adults receiving
 ADDERALL XR 20 mg decreased by 41%²
- Clinical data in adults demonstrate that ADDERALL XR is generally well tolerated³
- Extended-release formulation may increase the potential for compliance⁴



5 mg, 10 mg, 15 mg, 20 mg, 25 mg, 30 mg CAPSULES (Mixed Salts of a Single-Entity Amphetamine Product) Dextroamphetamine Sulfate Dextroamphetamine Saccharate Amphetamine Aspartate Monohydrate Amphetamine Sulfate

Reach new heights

References: 1. Faraone SV, Biederman J. A controlled study of functional impairments in 500 ADHD adults. Presented at: 157th Annual Meeting of the American Psychiatric Association; May 5, 2004; New York, NY.

2. Data on file, Shire US Inc., 2005. 3. ADDERALL XR® [package insert], Shire US Inc., 2005. 4. Claxton AJ, Cramer J, Pierce C. A systematic review of the association between dose regimens and medication compliance. Clin Ther. 2001;23:1296-1310.

BRIEF SUMMARY: Consult the full prescribing information for complete product information.

ADDERALL XR* CAPSULES

CII Bx Only

ONE DOSE DAILY

5 mg, 10 mg, 15 mg, 20 mg, 25 mg, 30 mg CAPSULES (Mixed Salts of a Single-Entity Amphetamine Product) Dextroamphetamine Sulfate Dextroamphetamine Saccharate

Amphetamine Aspartate Monohydrate Amphetamine Sulfate

AMPHETAMINES HAVE A HIGH POTENTIAL FOR ABUSE. ADMINISTRATION OF AMPHETAMINES FOR PROLONGED PERIODS OF TIME MAY LEAD TO DRUG DEPENDENCE. PARTICULAR ATTENTION SHOULD BE PAID TO THE POSSIBILITY OF SUBJECTS OBTAINING AMPHETAMINES FOR NON-THEAPAEUTIC USE OR DISTRIBUTION TO OTHERS AND THE DRUGS SHOULD BE PRESCRIBED OR DISPENSED SPARINGLY.

MISUSE OF AMPHETAMINE MAY CAUSE SUDDEN DEATH AND SERIOUS CARDIOVASCULAR ADVERSE EVENTS.

ADDERALL XR* is indicated for the treatment of Attention Deficit Hyperactivity Disorder (ADHD).

The efficacy of ADDERALL XR* in the treatment of ADHD was established on the basis of two controlled trials in children aged
6 to 12, one controlled trial in adolescents aged 13 to 17, and one controlled trial in adults who met OSM-IV* criteria for
ADHD, along with extrapolation from the known efficacy of ADDERALL*, the immediate-release formulation of this substance.

Advanced arteriosclerosis, symptomatic cardiovascular disease, moderate to severe hypertension, hyperthyroidism, known hypersnihivity or idiosyncrasy to the sympathomimetic amines, glaucoma.

Advanced arteriosclerosis, symptomatic cardiovascular disease, moderate to severe hypertension, hyperthyroidism, known Agottado states. CONTRAINDICATIONS

Agitated states

Patients with a history of drug abuse.

During or within 14 days following the administration of monoamine oxidase inhibitors (hypertensive crises may result).

WARNINGS
Psychoets: Clinical experience suggests that, in psychotic patients, administration of amphetamine may exacerbate symptoms of behavior disturbance and thought disorder. Long-Term Suppression of Growth: Data are madequate to determine whether chronic use of stimulants in children, including amphetamine, may be causally associated with suppression of stream of growth. Therefore, growth should be monitored during treatment, and patients who are not growing or gaining weight as expected should have their treatment interrupted. Sudden Death and Pre-existing Structural Cardiac Abnormalities: Sudden to the used in children with structural cardiac abnormalities. Adderall XR® generally should not be used in children, adolescents, or adults with structural cardiac abnormalities.

stefen Dehth and Pre-satting Sturtural Cardiac Anternatives: Sudden death has been for the presenting sturtural Cardiac Anternatives: Sudden death has been for the present of the present

3 years of age. Gerlatric Use: ADDERALL XR* has not been studied in the geriatric population.

Gerlatinc Use: AUDEHALL XH* has not been studied in the genatinc population.

AUVERSE EVENTS

The premarketing development program for ADDERALL XR* included exposures in a total of 1315 participants in clinical trials (635 pediatric patients, 320 adolescent patients, 248 adult) patients, 82 healthy adult subjects). Of these, 635 patients (ages 6 to 12) were evaluated in two controlled clinical studies, one open-tabel clinical study, and two single-dose clinical paramacology studies (N-40). Safety data on all patients are included in the discussion that follows. Adverse reactions were assessed by collecting adverse events, results of physical examinations, vital signs, weights, laboratory analyses, and EOSs. Adverse reactions were obtained primarily by general inquiry and recorded by clinical investors using terminology of their own choosing. Consequently, it is not possible to provide a meaningful estimate of the proportion of

individuals experiencing adverse events without first grouping similar types of events into a smaller number of standardized event categories. In the tables and listings that follow, CoSTART terminology has been used to classify reported adverse events. The stated frequencies of adverse events represent the proportion of individuals who experienced, at least once, a treatment-temergent adverse event of the type listed.

Adverse events associated with discontinuation of treatment: In two placebo-controlled studies of up to 5 weeks duration among children with ADHD, 2.4% (10/425) of ADDERALL XR* treated patients discontinued due to adverse events (including a patients with loss of appetite, one of whom also reported insomnal) compared to 2.7% (70%) receiving placebo. The most frequent adverse events associated with discontinuation of ADDERALL XR* in controlled and uncontrolled, multiple-dose clinical trials of pediatric patients (NL=595) are presented below. Over half of these patients were exposed to ADDERALL XR* for 12 months or more.

% of pediatric patients discontinual re-5861.

ADDERALL XRe for 12 mor Adverse event Anorexia (loss of appetite) Insomnia Weight loss Emotional lability Depression % of pediatric patients discontinuing (n=595)

DAILY Same, 30 mg CAPSULES trained by Armphetamine Product) and proposed with ADEFALL XRP or placebo are presented in the talking clearly discontinued treatment due to adverse events among ADDEFALL XRP treated patients (N=233). Three patients discontinued due to insomnia and one patient each for depression, motor lics, headaches, light-headedness, and analysis and patients (N=131) were 3, 11 no ne placebo-controlled 4-week study among adults with ADHD, patients who discontinued treatment due to adverse events among ADDEFALL XRP-treated patients (N=191) were 3, 11 no ne) flacebo-controlled 4-week study among adults with ADHD, patients who discontinued treatment due to adverse events among ADDEFALL XRP-treated patients (N=191) were 3, 11 no ne) flacebo-controlled 4-week study amonlence; and, 0.5% (n=1) can for ALT increase, agital on, chest pain, cocaine crawing, elevated blood pressure, and weight loss. Adverse events with ADDEFALL XRP-or placebo are presented in the tables below. Adverse events in the course of usual medical practice where patient characteristics and other treatments uses, and investigations. The cited figures, nowever, do provide the prescribing physician with some basis for estimating the relative contribution of drug and non-drug factors to the adverse event incidence and in the population studied.

Table 1 Adverse Events Reported by More Than 1% of Pediatric Patients Receiving ADDERALL XR® with Higher Incidence Than on Placebo in a 584 Patient Clinical Study

ADDERALL XR* (n=374) Body System Preferred Term Abdominal Pain (stomachache) Accidental Injury Asthenia (fatigue) Fever Infection 14% 3% 2% 5% 4% 10% 2% 0% 2% 2% 0% Viral Infection Loss of Appetite Diarrhea Dyspepsia Nausea 22% 2% 2% 5% 7% 2% 9% 17% Vomiting
Dizziness
Emotional Lability
Insomnia Nervous System

Table 2. Adverse Events Reported by 5% or more of Adolescents Weighing ≤ 75 kg/165 lbs Receiving ADDERALL XR° with Higher Incidence Than Placebo in a 287 Patient Clinical Forced Weekly-Dose Titration Study*

Weight Loss

Body System	Preferred Term	ADDERALL XR* (n=233)	Placebo (n=54)
General	Abdominal Pain (stomachache)	11%	2%
Digestive System	Loss of Appetite b	36%	2%
Nervous System	Insomnia ^b Nervousness	12% 6%	4% 6%*
Metabolic/Nutritional	Weight Loss b	9%	0%

Appears the same due to rounding

Metabolic/Nutritional

*Appears the same due to founding
*Pose-related adverse events.

*Pose-related adverse events.

*Note: The following events did not meet the criterion for inclusion in Table 2 but were reported by 2% to 4% of adolescent patients receiving ADERALL XR with a higher incidence than patients receiving placebo in this study: accidental injury, asthenia (fatigue), dry mouth, dyspepsia, emotional lability, nausea, somnolence, and vomitting.

*Included doses up to 40 mig.

Table 3 Adverse Events Reported by 5% or More of Adults Receiving ADDERALL XR° with Higher Incidence Than on Placebo in a 255 Patient Clinical Forced Weekly-Dose Titration Study*

Body System	Preferred Term	AODERALL XR* (n=191)	Placebo (n=64)
General	Asthenia Headache	6% 26%	5% 13%
Digestive System	Loss of Appetite Diarrhea Dry Mouth Nausea	33% 6% 35% 8%	3% 0% 5% 3%
Nervous System	Agitation Anxiety Dizziness Insomnia	8% 8% 7% 27%	5% 5% 0% 13%
Cardiovascular System	Tachycardia	6%	3%
Metabolic/Nutritional	Weight Loss	11%	0%
Uraganital System	Uringry Tract Infection	E9/.	09/.

Note: The following events did not meet the criterion for inclusion in Table 3 but were reported by 2% to 4% of adult patients receiving ADDERALL XR* with a higher incidence than patients receiving placebo in this study: infection, photosensitivity reaction, constipation, tooth disorder, emotional lability, libido decreased, somnolence, speech disorder, palpitation, whiching, dyspena, sweating, dysmenorrhea, and impotence. Included doses up to 60 mg.

reaction, constipation, tooth disorder, emotional lability, libido decreased, somnolence, speech disorder, palpitation, twitching, dyspena_sweating, dyspenceryhea, and impotente.

*Included doses up to 60 mg.

*Included doses up to 60 mg.

The following adverse reactions have been associated with amphetamine use:
Cardiovascular. Palpitations, tachycardia, elevation of blood pressure, sudder death, myocardial infarction. There have been isolated reports of cardiomyopathy associated with chronic amphetamine use.

Central Nervous System: Psychotic episodes at recommended doses, overstimulation, restlessness, dizziness, insomnia, euphorian, dyskinesia, dysphonia, depression, tremor, headache, exacerbation of motor and phonic tics and Tourette's syndrome, seizures, stroke.

Gastrointestinal Dryness of the mouth, unpleasant taste, diarrhea, constipation, other gastrointestinal disturbances. Anorexia and weight loss may occur as undesirable effects.

Allergic: Unicaria.

Endocrine: Impotence, changes in libido.

PRIDA RAUE AND DEFFANDENCE

ADDERALL XR* is a Schedule II controlled substance.

**Amphetamines have been extensively abused. Tolerance, extreme psychological dependence, and severe social disability have occurred. There are reports of patients who have increased the dosage to many times that recommended. Abrupt cessation following prologoged high dosage administration results in extreme fatigue and mental depression; changes are also noted on the sleep EEG. Manifestations of chronic intoxication with amphetamines may include severe dermatoses, marked insomnia, irritability, hyperactivity, and personality changes. The most severe manifestation of chronic intoxication with amphetamines may include severe dermatoses, marked insomnia, irritability, hyperactivity, and personality changes. The most severe manifestation of chronic intoxication is psychosis, often clinically indistinguishable from schizophrenia.

OVERDOSAGE

Individual patient response to amphetaminies varies widely. Toxic symptoms may occur

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- Case Reports, single or multiple, are encouraged for publication.
- Letters to the Editor will be considered and are encouraged for publication. All letters will be edited for style, clarity, and length.

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General Information Two copies of the manuscript with a letter on the author's letterhead should be submitted to Jack M. Gorman, MD, Editor (or, in Europe, to Joseph Zohar, MD, International Editor), c/o MBL Communications, 333 Hudson Street, 7th Floor, New York, NY 10013. Authors are also required to submit their manuscripts on computer disk in Microsoft Word format. Disks should be labeled with the word processing program, title of paper, and lead author's name. Accepted manuscripts will be edited for clarity and style.

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Please note: If your article is Original Research, it should be formatted as: Abstract (100–200 words); Introduction, Methods; Findings; Discussion; Conclusion; References (numbered and comprehensive list).

Spacing and Pagination Manuscripts should be doublespaced and numbered.

Abstract Authors must provide a brief abstract of 100–200 words.

Focus Points Please provide three to six learning objectives that begin with an action verb and specify what the reader should know after reading the article.

Learning Objectives Authors are required provide 3–5

learning objectives, which begin with an action verb and specify what the reader should know after reading the article. See the following examples:

Upon the completion of this lecture the participants will be able to:

- · List four causes of aplastic anemia
- Give an example of the effect of a strong alkali reacting with human tissue
- Calculate the amount of AIV fluid necessary to replenish a dehydrated patient

Needs Assessment Please provide a brief summary outlining the educational needs and reasons for reading the article. It should address a deficit or gap in knowledge, skills, attitudes, and/or behavior among the expected readers about the main topic of the article. It should justify the reasons for focusing on the given topic and offering it as a CME activity. Reasons would include recurrent discussions with colleagues about the topic, new therapy or treatment techniques, new data published, "hot topic" in the field, clinical trials in progress, etc. The Needs Assessment should be 35-50 words.

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- 1. Jones J. Necrotizing Candida esophagitis. JAMA. 1980;244:2190-2191.
- Stryer L. Biochemistry. 2nd ed. San Francisco, Calif: WH Freeman Co; 1980:559-596.
- Alzheimer's Disease Cooperative Study. Valproate protocal. Available at: http://adcs.ucsd.edu/VP_Protocol.htm. Accessed October 15, 2003.

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- ☐ Six CME multiple-choice questions with answers
- ☐ Three to six focus points that dictate the main focus of the manuscript in bulleted format
- □ Three to six learning objectives, which begin with an action verb and specify what the reader should know after reading the article
- Disk labeled with the word processing program, title of paper, and lead author's name
- Names and affiliations of 3–5 potential peer reviewers

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MISSION

CNS Spectrums' editorial mission is to address relevant neuropsychiatric topics, including the prevalence of comorbid diseases among patients, and original research and reports that emphasize the profound diagnostic and physiologic connections made within the neurologic and psychiatric fields. The journal's goal is to serve as a resource to psychiatrists and neurologists seeking to understand and treat disturbances of cognition, emotion, and behavior as a direct consequence of central nervous system disease, illness, or trauma.



Now indicated for panic disorder

panic attacks attacks persistent persistent gear and worry fear and worry anticipatory anxiety

Break the cycle with EFFEXOR XR'

IMPORTANT TREATMENT CONSIDERATIONS

Suicidality in Children and Adolescents

Antidepressants increased the risk of suicidal thinking and behavior (suicidality) in short-term studies in children and adolescents with Major Depressive Disorder (MDD) and other psychiatric disorders. Anyone considering the use of EFFEXOR XR or any other antidepressant in a child or adolescent must balance this risk with the clinical need. Patients who are started on therapy should be observed closely for clinical worsening, suicidality, or unusual changes in behavior. Families and caregivers should be advised of the need for close observation and communication with the prescriber. EFFEXOR XR is not approved for use in pediatric patients.

• EFFEXOR XR is contraindicated in patients taking monoamine oxidase inhibitors (MAOIs). Adult and pediatric patients taking antidepressants can experience worsening of their depression and/or the emergence of suicidality. Patients should be observed closely for clinical worsening and suicidality, especially at the beginning of drug therapy, or at the time of increases or decreases in dose. Anxiety, agitation, panic attacks, insomnia, irritability, hostility, impulsivity, akathisia, hypomania, and mania have been reported and may represent precursors to emerging suicidality. Stopping or modifying therapy

should be considered especially when symptoms are severe, abrupt in onset, or not part of presenting symptoms.

- Treatment with venlafaxine is associated with sustained increases in blood pressure (BP) in some patients. Postmarketing cases of elevated BP requiring immediate treatment have been reported. Pre-existing hypertension should be controlled. Regular BP monitoring is recommended.
- Abrupt discontinuation or dose reduction has been associated with discontinuation symptoms. Patients should be counseled on possible discontinuation symptoms and monitored while discontinuing the drug; the dose should be tapered gradually.
- The most common adverse events reported in EFFEXOR XR short-term placebo-controlled depression, generalized anxiety disorder (GAD), social anxiety disorder (SAD), and/or panic disorder (PD) trials (incidence ≥10% and ≥2x that of placebo) were anorexia, asthenia, constipation, dizziness, dry mouth, ejaculation problems, impotence, insomnia, nausea, nervousness, somnolence, and sweating.

Reference: 1. Data on file, Wyeth Pharmaceuticals Inc.

ONCE-DAILY
VENLAFAXINE HCI
EFFEXOR XR® EXTENDED
RELEASE
CAPSULES

The change they deserve.

Please see brief summary of Prescribing Information on adjacent pages.

Wyeth® 2005, Wyeth Pharmaceuticals Inc., Philadelphia, PA 19101 116525-01 December 2005



BRIEF SUMMARY. See package insert for full prescribing information.

Suicidality in Children and Adolescents

Antidepressants increased the risk of suicidal thinking and behavior (suicidality) in short-term studies in children and adolescents with Major Depressive Disorder (MDD) and other psychiatric disorders. Anyone considering the use of EFFEXOR XR or any other antidepressant in a child or adolescent must balance this risk with the clinical need. Patients who are started on therapy should be observed closely for clinical worsening, suicidality, or unusual changes in behavior. Families and caregivers should be advised of the need for close observation and communication with the prescriber. EFFEXOR XR is not approved for use in pediatric patients. (See Warnings and Precautions: Pediatric Use.)

Pooled analyses of short-term (4 to 16 weeks) placebo-controlled trials of 9 antidepressant drugs (SSRIs and others) in children and adolescents with Major Depressive Disorder (MDD), obsessive-compulsive disorder (OCD), or other psychiatric disorders (a total of 24 trials involving over 4,40 patients) have revealed a greater risk of adverse events representing suicidal thinking or behavior (suicidality) during the first few months of treatment in those receiving antidepressants. The average risk of such events in patients receiving antidepressants was 4%, twice the placebo risk of 2%. No suicides occurred in these trials.

patients) have revealed a greater risk of adverse events representing suicidal thinking or behavior (suicidality) ulmig the first tew months of treatment in those receiving antidepressants. The average risk of such events in patients receiving antidepressants was 4%, twice the placebo risk of 2%. No suicides occurred in these trials.

CONTRAINDICATIONS: hypersensitivity to venlatavine hydrochloride or to any excipients in the formulation. Concomitant use in patients taking monoamine oxidase inhibitors (MAIOs) wARNINGS: Clinical Worsening and Suicide Risk—Patients with major depressive disorder (MDD), both adult and pediatric, may experience worsening of their decression and/or the emergence of suicidal ideation and behavior (suicidality) or unsual changes in behavior, whether or not they are taking antidepressant medications, and this risk may persist undication, which were the risk of suicidal thinking and behavior (suicidality) in short-terms studies in children and addisecents with MDD and other psychiatric disorders. It is unknown whether the suicidality risk extends to adults. All pediatric patients being treated with antidepressants for any indication should be observed closely for clinical worsening, suicidality, and unusual changes in behavior, specially during the initial few months of a course of drug therapy, or at times of dose changes, either increases or decreases. Adults with MDD or comorbid depression in the setting of other psychiatric illusions being treated with antidepressants should be observed closely for clinical worsening, suicidality, and make a proper proper proper propersion and or the emergence of suicidal inputes and make a propersion and or the emergence of suicidality and make a persistent propersion and or the emergence of suicidality and pediatric patients being treated with antidepressants which are propersion in patients whose depression and or the emergence of suicidality and to report the propersion of the emergence of suicidality and to report the propersion of the patients resurning the previously prescribed dose. Subsequently, continue decreasing the dose at a more gradual rate. *Insomnia and Nervousness*: Treatment-emergent insomnia and nervousness have been reported. In Phase 3 trials, insomnia led to drug discontinuation in 1% of both depressed patients and Panic Disorder (PD) patients and in 3% of both Generalized Anxiety Disorder (GAD) and Social Anxiety Disorder (SAD) patients. Nervousness det ot drug discontinuation in 0.9% of depressed patients, in 2% of GAD patients, and in 0% of SAD and PD patients. *Changes in Weight*: Adult Patients. In short-term MDD trials, 7% of Effexor XR patients had ≥5% loss of body weight and 0.1% discontinued for weight loss. In 6-month GAD studies, in 12-week SAD trials, 3% of Effexor XR patients had ≥7% loss of body weight and 0.3% discontinued for weight loss. In 8-week Atudies, in 12-week SAD trials, 3% of Effexor XR patients had ≥7% loss of body weight and no patients discontinued for weight loss. In the patients discontinued for weight loss. In the patients discontinued for weight loss. The safety and efficacy of venlafaxine in combination with tweight loss agents, including phentermine, have not been established. Coadministration of Effexor XR and weight loss agents is not commended. Effexor XR is not indicated for weight loss and or in combination with other products. *Pediatric Patients*: Weight loss was seen in patients aged 6-17 receiving Effexor XR. More Effexor XR patients than placebo patients experienced weight loss of the MDD and GAD studies (18% vs. 3.6%; *P*<0.001). Weight loss was not limited to patients with treatment-emergent anorexia (decreased appetite). Children and adolescents in a 6-month study had increases in weight less than expected based on data from Children and adolescents in a 6-month study had increases in weight less than expected based on data from age- and sex-matched peers. The difference between observed and expected weight gain was larger for children (21 years old than for adolescents) > 12 years old. Changes in Height. Pediatric Patients: In 8-week GAD studies, Effexor XR patients aged 6-17 grew an average of 0.3 cm (n=122), while placebo patients grew an average of 1.0 cm (n=132), P=0.041. This difference in height increase was most notable in patients <12. In 8-week MDD studies, Effexor XR patients grew an average of 0.8 cm (n=146), while placebo patients grew an average of 0.7 cm (n=1477). In a 6-month study, children and adolescents had height increases less than expected based on data from age- and sex-matched peers. The difference between observed and expected growth rates was larger for children <12 years old than for adolescents >12 years old. Changes in Appetite: Adult Patients. Treatment-emergent anorexia was one commonly reported for Effexor XR (8%) than placebo (2%) patients in MDD studies. The discontinuation rate for anorexia was 1.0% in MDD studies. Treatment-emergent anorexia was more commonly reported for Effexor XR (20%) than placebo (2%) patients in SAD studies. The discontinuation rate for anorexia was 0.4% for up to 12 weeks in GAD studies. Treatment-emergent anorexia was one commonly reported for Effexor XR (8%) than placebo (2%) patients in SAD studies. The discontinuation rate for anorexia was 0.4% for up to 12 weeks in SAD studies. Treatment-emergent anorexia was 0.4% for Effexor XR (8%) than placebo (2%) patients in SAD studies. The discontinuation rate for anorexia was 0.4% for Effexor XR (8%) than placebo (3%) patients in PD studies. The discontinuation rate for anorexia was 0.4% for Effexor XR (8%) than placebo (8%) patients in PD studies. The discontinuation rate for anorexia was 0.4% for Effexor XR (8%) than placebo (8%) patients in PD studies. The discontinuation rate for anorexia was 0.4% for Effexor XR (8%) than

Decreesed appetite was seen in pediatric patients receiving Effector XR, in GAD and MOD trails, 10% of Effector XR galacents aged 6-17 for up to 8 weeks and 3% of picucito patients and treatment-emogent acrossis. Home of the patients receiving Effector XR discontinuated for anxietament was seen in pediatric patients. Proceedings of the patients and treatment ADD, Effector XR discontinuated for anxietament and treatment ADD, Effector XR should be used culticularly indicates with a history of maste. Phytoprosterioris. Phytoprosterioris and/or the sprintence of mappropriate anticlaristic horizone secretion controls. Phytoprosterioristic process. Proceedings of the process of the process of the patients of the patients. Phytoprosterioristic process. Process of the process of the process of the process of the patients of the patients. Phytoprosterioristic process. Process of the patients of the patients of the patients of the patients of the patients. Phytoprosterioristic process of the patients of the patients

vasodilatation, thinking abnormal, decreased libido, and sweating. Commonly Observed Adverse Events in vasodilatation, thinking abnormal, decreased libido, and sweating. Commonly Observed Adverse Events in Controlled Clinical Trials for MDD, GAJ, SAD, and PD—Gody as a Whole: ashenia, headache, flu syndrome, accidental injury, abdominal pain. Cardiovascular: vasodilatation, hypertension, palpitation. Digestive: nausea, constipation, aneroskia, owniting, flatulence, diarrhea, enuclation. Metabolic/Muttitional: weight loss. Nervous System: diziness, somnolence, insomnia, dry mouth, nervousness, abnormal dreams, tremor, depression, hypertonia, paresthesia, libido decreased, agiation, anxiety, whiching, flespicatory System: pharyngitis, yawn, sinusitis. Skin: sweating, Social Senses: abnormal vision. Unogenital System: abnormal ejaculation impotence orgasmic dysfunction (including anorgasmia) in females. Wtal Sign Changes: Efferox RN was associated with a mean increase in pulse rate of about 2 beats/min in AdRAININGS-Sustained Hypertension). Laboratory Changes: Clinically relevant increases in serum cholesterol were noted in Effexor KR clinical trials. Increases were duration dependent over the study period and tended to be greater with higher doses. Chine: Events Observed During the Premarketing Evaluation of Effexor and Effexor XR.—Ne. 6,70. "Frequent" = events. Observed During the Premarketing Evaluation of Effexor and Effexor XR.—Ne. 6,70. "Frequent" = events. Observed During the Premarketing Evaluation of Effexor and Effexor XR.—Ne. 6,70. "Frequent" = events. Observed During the Premarketing Evaluation of Effexor and Effexor XR.—Ne. 6,70. "Frequent" = events. Observed During the Premarketing Evaluation of Effexor and Effexor XR.—Ne. 6,70. "Frequent" = events. Observed During the Premarketing Evaluation of Effexor and Effexor XR.—Ne. 6,70. "Frequent" = events. Observed During the Premarketing Evaluation of the State Premarketing Ev Controlled Clinical Trials for MDD, GAD, SAD, and PD—Body as a Whole: asthenia, headache, flu syndrome, accidental injury, abdominal pain. Cardiovascular: vasodilatation, hypertension, palpitation. Dioestive: nausea, constipation, anorexia, vomiting, flatulence, diarrhea, eructation. Metabolic/Nutritional: weight loss. Nervous parosmia, photophobia, taste loss, visual field defect; Rare: blepharitis, cataract, chromatopsia, conjunctival edema, corneal lesion, deafness, exophthalmos, eye hemorrhage, glaucoma, retinal hemorrhage, subconjunctival hemorrhage, keratitis, labyrinthitis, miosis, papilledema, decreased pupillary reflex, otitis externa, sciertis, uveitis. Urogenital system - Frequent: prostatic disorder (prostatitis, enlarged prostate, dysuria, hematuria, kidney calculus, kidney pain, leukorrhea, menorrhagia, metrorrhagia, nocturia, polyuria, pyuria, urinary incontinence, urinary retention, urinary urgency, vaginal hemorrhage, vaginitis; Rare: abortion, anuria, balanitis, bladder pain, breast discharge, breast engorgement, breast enlargement, endometrios; female lactation, fibrocystic breast, calcium crystalluria, cervicitis, orchitis, ovarian cyst, prolonged erection, gynecomastia (male), hypomenorrhea, kidney function abnormal, mastitis, menopause, pyelonephritis, oligurito. salpingitis, urolithiasis, uterine hemorrhage, uterine spasm, vaginal dryness. Postmarketing Reports: agranulocytosis, anaphylaxis, aplastic anemia, catatonia, congenital anomalies, CPK increased, deep vein thrombophlebitis, delirium, EKG abnormalities such as QT prolongation; cardiac arrhythmias including atrial agranulocytosis, anaphylaxis, aplastic anemia, catatonia, congenital anomalies, CPK increased, deep vein thrombophiebitis, delirium, EKG abnormalities such as QT prolongation; cardiac arriythimias including atrial fibrillation, supraventricular tachycardia, ventricular extrasystoles, and rare reports of ventricular fibrillation and ventricular tachycardia, including torsades de pointes; epidermal necrosis/Stevens-Johnson syndrome erythema multiforme, extrapyramidal symptoms (including dyskinesia), angle-closure glaucoma, hemorrhage (including eye and gastrointestinal bleeding), hepatic events (including GGT elevation; abnormalities of unspecified liver function tests; liver damage, necrosis, or failure; and fatty liver), involuntary movements, LDH increased, neuroleptic malignant syndrome-like events (including a case of a 10-year-old who may have been taking methylphenidate, was treated and recovered), neutropenia, night sweats, pancreatitis, pancytopenia, panic, prolactin increased, pulmonary eosinophilia, renal failure, rhabdomyolysis, serotonin syndrome, shock-like electrical sensations or tinnitus (in some cases, subsequent to the discontinuation of veniafaxine or tapering of dose), and SIADH (usually in the elderly). Elevated clozapine levels that were temporally associated with adverse events, including seizures, have been reported following the addition of venifaxine. Increases in prothrombin time, partial thromboplastin time, or INR have been reported following the addition of venifaxine was given to patients carefully for history of drug abuse and observe such patients cosely for signs of misuse or abuse. OVERDOSAGE: Electrocardiogram changes (e.g., prolongation of QT interval, bundle branch block, QRS prolongation), sinus and ventricular tachycardia, bradycardia, hypotension, altered level of consciousness (ranging from somnolence to coma), rhabdomyolysis, seizures, vertigo, liver excesses and death have been reported. Treatment should consist of those general measures employed in the management of o W10404C019, revised November 2005.



CNS SPECTRUMS

The International Journal of Neuropsychiatric Medicine

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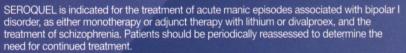
I always wanted to achieve more Now can



Now the most prescribed atypical*

Proven efficacy To help patients achieve continued success¹¹⁻⁴

Trusted tolerability To help patients stay on treatment¹⁻⁵



Elderly patients with dementia-related psychosis treated with atypical antipsychotic drugs are at an increased risk (1.6 to 1.7 times) of death compared to placebo (4.5% vs 2.6%, respectively). SEROQUEL is not approved for the treatment of patients with dementia-related psychosis.

Prescribing should be consistent with the need to minimize the risk of tardive dyskinesia. A rare condition referred to as neuroleptic malignant syndrome has been reported with this class of medications, including SEROQUEL

Hyperglycemia, in some cases extreme and associated with ketoacidosis, hyperosmolar coma, or death, has been reported in patients treated with atypical antipsychotics, including SEROQUEL. Patients starting treatment with atypical antipsychotics who have or are at risk for diabetes should undergo fasting blood glucose testing at the beginning of and during treatment. Patients who develop symptoms of hyperglycemia should also undergo fasting blood glucose testing.

Precautions include the risk of seizures, orthostatic hypotension, and cataract development. The most commonly observed adverse events associated with the use of SEROQUEL in clinical trials were somnolence, dry mouth, dizziness, constipation, asthenia, abdominal pain, postural hypotension, pharyngitis, SGPT increase, dyspepsia, and weight gain.

*All atypical prescriptions: Total prescriptions. Jan. 05-June 05. New prescriptions. Sept. 04-June 05. IMS Health. National Prescription Audit.

Significant improvement in all 11 YMRS items was measured at Day 21 and continued through Day 84 in monotherapy mania trials.

Please see Brief Summary of Prescribing Information on adjacent page.



Redefine Success

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BRIEF SUMMARY of Prescribing Information—Before prescribing, please consult complete

increased Mortality in Elderly Patients with Dementia-Related Psychosis: Elderly patients with dementia-related psychosis treated with atypical antipsychotic drugs are at an increased risk of death compared to placebo. Analysis of seventeen placebo-controlled triats (modal duration of 10 weeks) in these patients revealed a risk of death in the drug-treated patients of between 1.6 To weeks; in mase patients revealed a risk of each in the output patients of between 1.0 to 1.7 times that seen in placeb-treated patients. Over the course of a typical 11 week to ontrolled trial, the rate of death in drug-treated patients was about 4.5%, compared to a rate of about 2.5% in the placebo group. Although the causes of death were varied, most of the deaths appeared to be either cardiovascular (eg., heart failure, sudden death) or infectious (eg., pneumonia) in nature. SEMOULI, (qualiapline) is not approved for the treatment of patients with Demantia-Railated Psychosis.

INDICATIONS AND USAGE: Binolar Mania: SEROQUEL is indicated for the treatment of acute manic episodes HIDDCATIONS AND LINAGE: Bioplar Mania: SEROQUEL, is indicated for the treatment of acute manic episcosis associated with biporal indicarde, as effect monotherapy or allowing the despite of the effect of SEROQUEL in acute biporal mania was established in two 12-week monotherapy ratios and one 3-week adjunct therapy that of biporal registers inside the postplace for up to 7 days for acute mana. Effectiveness are of been systematically evaluated in clinical trails for more than 12-weeks in monotherapy and 3 weeks in adjunct therapy. Treatform is the physician who exists to use SEROQUEL for extended periods should periodically evaluated in clinical trails for more than 12-weeks in monotherapy and 3 weeks in adjunct therapy. Treatform is a physician who exists to use SEROQUEL for extended periods should periodically evaluated for the treatment of schrophrenia fragilated. The effectiveness of SEROQUEL in large state of the days of SEROQUEL in Schrophrenia. SEROQUEL in Seroquel and the schrophrenia spatients. The effectiveness of SEROQUEL in large than 12-weeks in the days of the schrophrenia spatients. The effectiveness of SEROQUEL in large than 12-weeks in the days of the schrophrenia spatients. The effectiveness of SEROQUEL in large than 12-weeks in the days of the schrophrenia spatients. The effectiveness of SEROQUEL in large than 12-weeks in the days of the schrophrenia spatients. The effectiveness of SEROQUEL in large than 12-weeks in the schrophrenia spatients. The effectiveness of SEROQUEL in large than 12-weeks in the schrophrenia spatients. The effectiveness of SEROQUEL is included in conflowed into the large transmitteness of SEROQUEL in large transmitte

objection who elects to use SEROOUEL for extended periods should periodically re-evaluate the long-ferm usefulness of the drop for the individual patient.

CONTRANDICATIONS: SEROOUEL is contraindicated in individuals with a known hypersensitivity to this medication or any of its ingredients.

WARNINGS: Increased Mortality in Ederly Patients with Dementia-Rataled Psychosis. Electry patients with demental-nature paycheols breath with highly and implemental required psychosis (and paycheols treated with phyrical adippendual forum as in homesand that of death compared to placebo. SEROOUEL (quartispine) is not approved for the treatment of patients with dementia-native appoints (see Broard Warning). Neurolings Intelligental Syndrome (MMS) has been reported with sementia-native appoints (see Broard Warning). Neurolings Intelligental Syndrome (MMS). A potentially taled syndrom complex cometines referred to as Neurolingth Malignant Syndrome (MMS). A potentially taled syndrom complex cometines referred to as Neurolingth Malignant Syndrome (MMS). A potentially taled syndrom complex cometines referred to as Neurolingth Malignant Syndrome (MMS). A potentially taled syndrome of automorie in activities of the original syndrome (mMS) and the proposed with a syndrome in a society of the syndrome of automorie in subtility (images robust on the patient syndrome in a society of the syndrome of automorie in subtility (images robuston of the syndrome of automorie in subtility (images robuston endough the syndrome of automories of the syndrome of a society of the syndrome of potential syndrome robuston and a society of the syndrome of potential syndrome making of the syndrome and potential restrict occidence of the syndrome of potential syndrome making of the syndrome and potential syndrome and of the syndrome and of the

auming treatment with applical aritispycrious is solicid undergio tassing bood pulsars esting, in some sessing, in some sessi SEROULE! treited patients. Hyperpolactionairs. Although an elevation of prolation levels was not demonstrated in clinical trials with SEROULE. Increased proteint invessive were observed in at studies with this compound, and were associated with an increase in mammary gland neoplasis in rats (see Carchogogenesis). Tessue culture experiments indicate that approximately one-litroid fruman breast carcers are prolatical dependent in vitro 2 acts for 9 potential importance if the prescription of these drugs is contemplated in a patient with previously detected herest cancer. Although disturbances such as a glacitorities, amenorities, genecorastics, and importance have been reported with prolactifin-elevating compounds, the clinical significance of elevated servern prolactin levels under more patients of most patients. Where clinical studies on explement of other studies evidence for most patients. Where clinical studies no repitementogic studies conducted to date have shown an association between chronic administration of this class of drugs and funnotigeness in humans; the available evidence is considered to be initiated to be conclusived at this time. Transmitted Devalution: Asymptomatic, transient and reversible elevations in serum transaminases (potriamity) ALT) have been reported. Asymptomatic, transient and reversible elevations in serum transaminases for the more acceptance of the control of the size and provided trains were approximately 45% for the mornal reference range in a pool of 3- to 12-week placebo-controlled trains were approximately 45% for the mornal reference range in a pool of 3- to 12-week placebo-controlled trains were approximately 45% for the mornal reference range in a pool of 3- to 12-week placebo-controlled trains were approximately 45% for the mornal reference range in a pool of 3- to 12-week placebo-controlled trains were approximately 45% for the mornal reference range in a pool of 3- to 12-week placebo-controlled trains were approximately 45% for the mornal reference range in a pool of

bergy does not alled them adversely. Pringstern One case of principem in a gather movel-ing SEROUGE, but sever noticed prior to inselect and them as about medical policy and the service of the several policy and them as a several residence of the service of the several policy and them as a several policy

Treated Patients in Shart-Tamm, Piscebo-Controlled Triats. The following trashment-emergent adverse events that coursed during acute therapy of schrootherais by to 8 weeks) and byte manual for 12 weeks) in 1% or more of patients breaked with Schrootled, were greater than the incidence in patients breaked with Schrootled, was greater than the incidence in patients breaked patients. Trashment of Schrootled, was greater than the incidence in patients breaked patients, and the patients of the patients of the patients of the patients. The patients of the patients of the patients of the patients and feedings and sentiments and patients. The patients are patients and the patients and the patients and the patients and the patients. Experiences, active extension of the patients and the patients and the patients and the patients and the patients. And patients are patients and patients and patients and patients and patients and patients and patients. And patients are patients and patients

annote instructionally written were emporary realized to Schrücklic Herapy, Dut Indiversantly related, include the following: agranulous/sisk, aparlylaris, hypotatremia, habdomyolysis, syndrome of napropriate artiduretic hormone secretion (SADH), and Steven Johnson syndrome (SLS).

PRIUG ABUSE AND DEPERIORIEC, Controlled Substance Class: SEROULE, is not a controlled substance. Physical and Psychologic Openidence: SEROULE, is not been systematically studied, in animals or humans, for its potential of orable, or or physical dependence. While the clinical triate did not reveal any lendency for any drug-seeking behavior. Development of the basis of this limited experience the certain towhica ALS-scarle drug with tensible drop reveal any lendency basis of the limited openiones the certain towhica ALS-scarle drug with tensible drop repetid, on the basis of this limited experience the certain towhica ALS-scarle drug with tensible drop repetid, on the basis of this limited experience the certain towhica ALS-scarle drug with tensible drop repetid on the patients should be observed closely for signs of missus or abuse of SEROULE, e.g., development of tolerance, increases in does, drug-seeking behavior.

OVERBIOSAGE "Human experiences: Specifica with SEROULE (quidapine furnarize) in acute overdosage was limited in the clinical trial disthales (6 reports) with estimated does ranging from 120 mg to 9600 mg and not acute of the complex of the scarles of the scarles of the development of tolerance, potential productions and the production of the scarles o