# CNS SPECTRUMS®

THE INTERNATIONAL JOURNAL OF NEUROPSYCHIATRIC MEDICINE

#### **INTRODUCTION**

What Has Clinical Research in Suicide Prevention Done for You Lately?

J. Fawcett

#### **REVIEW ARTICLES**

The Standard of Care in Suicide Risk Assessment: An Elusive Concept
R.I. Simon and D.W. Shuman

Application of the APA Practice Guidelines on Suicide to Clinical Practice

D.G. Jacobs and M.L. Brewer

Clinical Assessment of Suicide Risk in Depressive Disorder

W.H. Coryell

Suicide in Bipolar Disorder: Risks and Management
R.J. Baldessarini, M. Pompili, and L. Tondo

### **CASE REPORTS**

Syndrome of Inappropriate Antidiuretic Hormone Associated with Escitalopram Therapy

A. Nirmalani, S.L. Stock, and G. Catalano

Aripiprazole-Related Tardive Dyskinesia

G. Maytal, M. Ostacher, and T.A. Stern

#### **PEARLS IN CLINICAL NEUROSCIENCE**

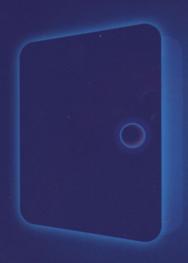
Beauty and the Beast: Psychobiologic and Evolutionary Perspectives on Body Dysmorphic Disorder

D.J. Stein, P.D. Carey, and J. Warwick

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# CNS SPECTRUMS

The International Journal of Neuropsychiatric Medicine

#### **EDITOR'S LETTER**

## 415 Addressing Suicide and Its Risks

Jack M. Gorman, MD

#### INTRODUCTION

# 440 What Has Clinical Research in Suicide Prevention Done for You Lately?

Jan Fawcett, MD, University of New Mexico

#### **REVIEW ARTICLES**

# 442 The Standard of Care in Suicide Risk Assessment: An Elusive Concept

Robert I. Simon, MD, Georgetown University School of Medicine; and Daniel W. Shuman, JD, Southern Methodist University

# 447 Application of the APA Practice Guidelines on Suicide to Clinical Practice

Douglas G. Jacobs, MD, Screening for Mental Health; and Margaret L. Brewer, RN, MBA, Screening for Mental Health

#### 455 Clinical Assessment of Suicide Risk in Depressive Disorder

William H. Coryell, MD, University of Iowa

# 465 Suicide in Bipolar Disorder: Risks and Management

Ross J. Baldessarini, MD, Harvard Medical School; Maurizio Pompili, MD, University of Rome; and Leonardo Tondo, MD, University of Cagliari

## PEARLS IN CLINICAL NEUROSCIENCE

# 419 Beauty and the Beast: Psychobiologic and Evolutionary Perspectives on Body Dysmorphic Disorder

Dan J. Stein, MD, PhD, University of Cape Town; Paul D. Carey, MD, University of Stellenbosch; and James Warwick, MD, University of Stellenbosch

#### **CASE REPORTS**

# 429 Syndrome of Inappropriate Antidiuretic Hormone Associated with Escitalopram Therapy

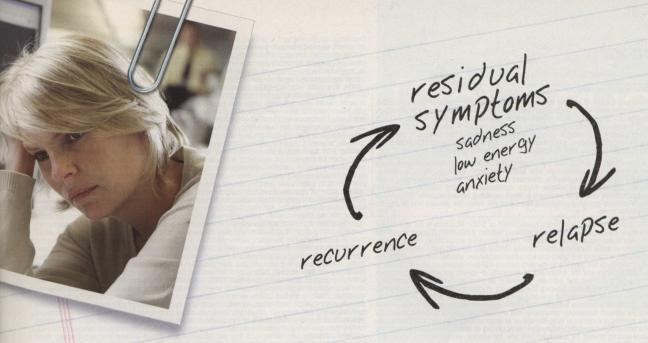
Anjali Nirmalani, MD, University of South Florida; Saundra L. Stock, MD, University of South Florida; and Glenn Catalano, MD, University of South Florida

#### 435 Aripiprazole-Related Tardive Dyskinesia

Guy Maytal, MD, Massachusetts General Hospital; Michael Ostacher, MD, MPH, Massachusetts General Hospital; and Theodore A. Stern, MD, Massachusetts General Hospital

#### **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.



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#### 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.

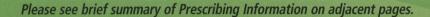
- EFFEXOR XR is contraindicated in patients taking monoamine oxidase inhibitors (MAOIs).
- Adult and pediatric patients taking antidepressants can experience worsening of their depression and/or the emergence of suicidality.
   Patients should be observed closely for clinical worsening and suicidality, especially at the beginning of drug therapy, or at the time of increases or decreases in dose.

Anxiety, agitation, panic attacks, insomnia, irritability, hostility, aggressiveness, 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.

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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 4,4st 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.

isucidatify) 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.

CONTRAINDICATIONS: Hypersensitivity to venlatarine hydrochloride or to any excipients in the formulation. Concomitant use in patients taking monamine oxidase inhibitors (MAOIs). WaRMINISS: Clinical Worsening and Suicide Risk—Patients with major depressive disorder (MDD), both adult and pediatric, may experience worsening of their depression and/or the emergence of suicidal ideation and behavior suicidality or unusual changes in behavior, whether or not they are taking antidepressant medications, and this risk may persist until significant remission occurs. There has been a long-standing concern that antidepressants may have a role in inducing worsening of depression and the emergence of suicidality in certain patients. Antidepressants increased the risk of suicidal thinking and behavior (suicidality) in storem studies in children and adiolescents with MDD and other psychiatric disorders. It is unknown whether the suicidality risk in pediatric patients extends to longer-term use, i.e., beyond several months. It is also 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, especially 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 illness being treated with antidepressants for MDD and other indications, both psychiatric and nonpsychiatric, Although a causal link between the emergence of such symptoms and either the worsening of depression and/or the emergence of suicidal impulses has not been established, there is concern that such symptoms such as a patient of the nervousness, ingrimaters, Serules, Sensory disturbatices (e.g., parestinesias Such as electric stock sensations), somnolence, sweating, tinnitus, tremor, vertigo, and vomiting. Monitor patients when discontinuing treatment. A gradual reduction in the dose rather than abrupt cessation is recommended, intolerable symptoms occur following a decrease in the dose or upon discontinuation of treatment, consider resuming the previously prescribed dose. Subsequently, continue decreasing the dose at a more gradual rate. *Insommia 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 (FDP) patients and in 3% of both Generalized Anxiety Disorder (GAD) and Social Anxiety Disorder (GAD) patients. Nervousness led to 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 0.3% discontinued for weight loss. In 6-month GAD studies, 3% of Effexor XR patients had ≥7% loss of body weight, and no patients discontinued for weight loss. The safety and efficacy of venlefaxine in combination with weight loss agents, including hentermine, have not been established. Coadministration of Effexor XR and weight loss agents, including hentermine, have not been established. Coadministration of Effexor XR and weight loss agents is not recommended. Effexor XR is not indicated for weight loss alone or in combination with other products. *Pediatric Patients*: Weight loss was seen in patients aged 6-17 receiving Effexor XR. More Effexor XR patients had placebo patients experienced weight loss defined and selected saed on data from age—and sex-matched peers. The difference between observed and expected weight gain was larger for children <12 years old than for adolescents >12 years old. *Changes in Height: Pediatric Patients*: In 8-week ADD s

Decreased appetite was seen in pediatric patients receiving Effexor XR. In GAD and MDD trials, 10% of Effexor XR patients aged 6-17 for up to 8 weeks and 3% of placebo patients had treatment-emergent anorexia. None of the patients receiving Effexor XR discontinued for anorexia or weight loss. Activation of Mania/Hypomania: Mania or hypomania has occurred during short-term depression and PD studies. As with all drugs effective in the treatment of MDD, Effexor XR should be used cautiously in patients with a history of mania. Hyponatremia: Hyponatremia and/or the syndrome of inapropropriate antidiuretic hormon (SIADH) may occur with venlafaxine. Consider this in patients who are volume-depleted, elderly, or taking diuretics. Mydriasis: Mydriasis has been reported; monitor patients with raised intraocular pressure or at risk of acute narrow-angle glaucoma (angle-closure glaucoma). Splzures: In all premarketing depression trials with Effexor, seizures were reported in 0.3% of venlafaxine patients. Use cautiously in patients with a history of seizures. Discontinue in any patient who develops seizures. Abnormal Bleeding: Ahormal bleeding (most commonly ecchymosis) has been reported. Serum Cholesterol Elevation: Clinically relevant increases in serum cholesterol were seen in 5.3% of venlafaxine patients and 0.0% of placebo patients treated for at least 3 months in trials. Consider measurement of serum cholesterol levels during long-term treatment. Use in Patients With Concomitant Illness: Use Effexor XR cautiously in patients with diseases or conditions that could affect hemodynamic responses or metabolism. Venlafaxine has not been evaluated in patients with studies. Exercise caution in patients whose underlying medical conditions might be compromised by increases in heart rate. In patients with renal impairment or cirrhosis of the liver, the clearances of venlafaxine and its active metabolities were decreased, prolonging the elimination half-lives. A lower dose may be necessary using the metabolities were decreased, p seen early during antidepressant treatment and when the dose is adjusted up or down. Families and caregivers of patients should be advised to observe for the emergence of such symptoms on a day-to-day basis, since changes may be abrupt. Such symptoms should be reported to the patient's presenting symptoms. Symptoms such as these may be associated with an increased risk for suicidal thinking and behavior and indicate a need for very close monitoring and possibly changes in the medication. Caution patients about operating hazardous machinery, including automobiles, until they are reasonably sure that venlefaxine does not adversely affect their abilities. Tell patients to avoid alcohol while taking Effexor XR and to notify their physician 1) if they become pregnant or intend to become pregnant during therapy, or if they are nursing; 2) about other prescription or over-the-counter drugs, including herbal preparations, they are taking or plan to take; 3) if they develop a rash, hives, or related allergic phenomena. Laboratory Tests—No specific laboratory tests are recommended. Drug Interactions— Alcohoft. A single dose of ethanol had no effect on the pharmacokinetics (PK) of venlafaxine or 0-desmethylvenlataxine (DDV), and venlafaxine did not exaggerate the psychomotor and psychometric effects induced by ethanol. Climetidine: Use caution when administering venlafaxine with cimetidine to patients with pre-existing hypertension or hepatic dysfunction, and the elderly. Diazepam: A single dose of disagepam did and tappear to affect the PK of either ventafaxine or ODV. Venlafaxine dorn any sychometric effects induced by ethanol. Plan the proper of the propertion of the other drug. Drugs That Inhibit Cytochrome P450 isoenzymes: CYP206 inhibitors: Venlafaxine decreased total oral-dose clearance of alloperidol. Figus inhibitors of the patients of the other drug. Brugs Highly Bound to Plasma Proteins: Venlafaxine is not highly bound to plasma proteins; coadministered with a CYP206 inhibitors: Venlafaxine is metabolite, 0 DV. not alter me PK or a single 550-mg oose of to thoutamide or the CYP2C19-Mediated formation of 4-nydroxic violutamide. CYP2C19 (see *Diazepam* above). *MADIs*: See CONTRAINDICATIONS and WARNINGS. CMS-Active Drugs Use caution with concomitant use of ventafaxine and other CNS-active drugs. Based on its mechanism of action and the potential for serotonin syndrome, use caution when coadministering ventafaxine with other drugs affecting the serotonergic neurotransmitter systems, such as triptans, serotonin reuptake inhibitors, of thinium. *Electroconvulsive Therapy (ECT)*: There are no clinical data establishing the benefit of ECT combined with Effexor XR treatment. Carcinogenesis, Mutagenesis, Impairment of Fertility—Carcinogenesis: There was no increase in tumors in mice and rats given up to 1.7 times the maximum recommended human dose (MRHD) on a mg/m² basis. *Mutagenesis*: Ventafaxine and ODV were not mutagenic in the Ames reverse mutation assay in Salmonella bacteria or the CHO/HGPRT mammalian cell forward gene mutation assay ventafaxine was not clastogenic in several assays. ODV elicited a clastogenic response in the in vivo chromosomal aberration assay in rat bone marrow. *Impairment of Fertility*: No effects on reproduction or fertility in rats were noted at oral doses of up to 2 times the MRHD on a mg/m² basis. Pregnancy—Teratogenic Effects—Pregnancy Category C. Reproduction studies in rats given 2.5 times, and rabbits given 4 times the MRHD (mg/m² basis) revealed no malformations in offspring. However, in rats given 2.5 times the MRHD, there was a decrease in pup weight, an increase in stillborn pups, and an increase in pup deaths during the first 5 days of lactation when dosing began during pregnancy and continued until weaning. There are no adequate and well-controlled studies in pregnant women, use Effexor XR during pregnancy only if clearly needed. *Nonteratogenic Effects*. Neonates exposed to Effexor XR late in the third trimester have developer, irritability, and constant crying. This is consistent wi Effexor XR for pediatric patients has not been assessed for chronic treatment >6 months. In studies in patient aged 6-17, blood pressure and cholesterol increases considered to be clinically relevant were similar to that observed in adult patients. The precautions for adults apply to pediatric patients. Geriatric Use—No overall differences in effectiveness or safety were observed between geriatric and younger patients. Greaton sensitivity of some older individuals cannot be ruled out. Hyponatremia and SIADH have been reported, usually in the elderly. ADVERSE REACTIONS: Associated with Discontinuation of Treatment—The most common events leading to discontinuation in MDD, GAD, SAD, and PD trials included nausea, anorexia, anxiety, impotence, dry mouth, dizziness, insomnia, somnolence, hypertension, diarrhea, paresthesia, tremor, abnormal (mostly blurred) vision, abnormal (mostly delayed) ejaculation, asthenia, vomiting, nervousness, headache,

vasodilatation, thinking abnormal, decreased libido, and sweating. *Commonly Observed Adverse Events in Controlled Clinical Trials for MDD, GAD, SAD, and PD*—Body as a Whole: asthenia, headache, flu syndrome, accidental injury, abdominal pain. <u>Cardiovascular</u>: vasodilatation, hypertension, palpitation. <u>Digestive</u>: nasea, constipation, anorexia, vomiting, flatulence, diarrhea, eructation. <u>Metabolic/Nutritional</u>: weight loss. <u>Nervous System: dizciness, somnolence, insomnia, dry mouth, nervousness, abnormal dreams, tremor, depression, hypertonia, paresthesia, libido decreased, agitation, anxiety, twitching, <u>Respiratory System: pharyngitis, yawn, sinustis. Skin: sweating. Special Senses: abnormal vision. <u>Urogenital System: abnormal ejaculation, impotence, orgasmic dysfunction (including anorgasmia) in females. *Wtal Sign Changes*: Effexor XR was associated with a mean increase in pulse rate of about 2 beats/min in depression and GAD trials and a mean increase in pulse rate of 4 beats/min in SAD trials. <u>See WARNINGS-Sustained Hypertension</u>). *Laboratory Changes*: Clinically relevant increases in serum cholesterol were noted in Effexor XR clinical trials. Increases were duration dependent over the study period and tended to be greater with higher doses. *Other Events Observed During the Premarketing Evaluation of Effexor AR*—N=6,670. "Frequent"=events</u></u></u> increase in pulse rate of 4 beats/min in SAD trials. (See WARNINGS-Sustained Hypertension). Laboratory Changes: Clinically relevant increases in serum cholesterol were noted in Effexor XR clinical trials. Increases were duration dependent over the study period and tended to be greater with higher doses. Other Events Observed During the Premarketing Evaluation of Effexor and Effexor XR—N=6,670. "Frequent"—events Observed During the Premarketing Evaluation of Effexor and Effexor XR—N=6,670. "Frequent"—events Observed During the Premarketing Evaluation of Effexor and Effexor XR—N=6,670. "Frequent"—events Observed During the Premarketing Evaluation of Effexor and Effexor XR—N=6,670. "Frequent"—events Observed During the Premarketing Evaluation of Effexor and Effexor XR—N=6,670. "Frequent"—events observed During the Premarketing Evaluation of Effexor and Effexor XR—N=6,670. "Frequent"—events observed During the Premarketing Evaluation of Effexor Argorithms (Premarketing Evaluation Information parosmia, photophobia, taste loss, visual field defect; Rare: blepharitis, cataract, chromatopsia, conjunctival edema, corneal lesion, deafmess, exophthalmos, eye hemorrhage, glaucoma, retinal hemorrhage, subconjunctival hemorrhage, keratitis, labyrinthitis, miosis, papilledema, decreased pupillary reflex, otitis externa, scleritis, uveitis. **Urogenital system** - Frequent: prostatic disorder (prostatitis, enlarged prostate, and prostate irriability), urination impaired, infrequent: albuminuria, amenorrhag, breast pain, cystik, dysuria, hematuria, kidney calculus, kidney pain, leukorrhea, menorrhagia, metrorrhagia, nocturia, polyuria, pyuria, urinary incontinence, urinary retention, urinary urgency, vaginal hemorrhage, vaginitis; Rare: abortion, auria, balanitis, bladder pain, breast discharge, breast engorgement, breast enlargement, endometriosis, female lactation, fibrocystic breast, calcium crystalluria, cervicitis, orchitis, ovarian cyst, prolonged erection, salpingitis, urolithiasis, uterine hemorrhage, uterine spasm, vaginal dryness. **Postmarketing Reports**: agranulocytosis, anaphylaxis, aplastic anemia, catatonia, congenital anomalies, CPK increased, deep vein thrombophlebitis, delirum, EKG abnormalities such as QT prolongation; cardiac arrhythmias including atrial fibrillation, supraventricular tachycardia, ventricular extrasystoles, and rare reports of ventricular fibrillation is supraventricular including otrosades de pointes: epidermal necrosis/Stevens-Johnson syndrome, thrombophlebitis, delirium, EKG abnormalities such as QT prolongation; cardiac arrhythmias including attain 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 and tardive dyskinesia), angle-closure, abnormalities of unspecified liver function tests; liver damage, necrosis, or failure; and fatty liver), involuntary 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 venlafaxine 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 venlafaxine. Increases in prothrombin time, partial thromboplastin time, or INR have been reported when venlafaxine was given to patients on warfarin therapy. **DRUG ABUSE AND DEPENDENCE**: Effexor XR is not a controlled substance. Evaluate patients carefully for history of drug abuse and observe such patients closely for signs of misuse or abuse. **OVERDOSAGE**: Electrocardiogram changes (e.g., prolongation) of 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 necrosis, and death have been reported. Treatment should consist of those general measures employed in consider contacting a poison control center for adoitional information on the treatment of overdose. Itelaphor numbers for certified poison control centers are listed in the Physicians? Desk Reference\* (PDR). DOSAGE AND ADMINISTRATION: Consult full prescribing information for dosing instructions. Switching Patients to or From an MAOI—At least 14 days should elapse between discontinuation of an MAOI and initiation of therapy with Effexor XR. At least 7 days should be allowed after stopping Effexor XR before starting an MAOI (see CONTRAINDICATIONS and WARNINGS). This brief summary is based on Effexor XR Prescribing Information W10404C019, revised November 2005.

# Take a closer look at

## Dialogues

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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.

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References: 1. Data on file, Wyeth Pharmaceuticals Inc. 2. Effexor XR\* (venlafaxine HCI) Extended-Release and Effexor Immediate-Release Prescribing Information,

Please see brief summary of Prescribing Information on adjacent pages.

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The International Journal of Neuropsychiatric Medicine

#### LETTER TO THE EDITOR

417 Applications of Virtual
Reality Technology in the
Measurement of Spatial
Memory in Patients with
Mood Disorders

## CLINICAL UPDATES IN NEUROPSYCHIATRY

#### 424 News From the Field of Neuroscience

- FDA Approves Rasagiline for the Treatment of Parkinson's Disease
- Fatigue Not Related to Poor Sleep Quality in GAD
- Psychiatric Disorders are Potentially Differential and Comorbid Diagnoses with Occupational Asthma

- Long-Term Treatment Models Possibly Beneficial for Older Problem Drinkers
- Anxiety Symptom Structure in Patients with Panic Disorder, Agoraphobia, and Social Phobia

#### **CME QUIZ**

474 The quiz is CME-accredited by Mount Sinai School of Medicine for 3.0 credit hours.

#### **GENERAL INFORMATION**

479 Author Guidelines

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For editorial inquiries, please fax us at 212-328-0600 or E-mail José R. Ralat at jrr@mblcommunications.com. For bulk reprint purchases, please contact Christopher Naccari at cdn@mblcommunications.com.

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BPA member since July 2005.

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I never thought I could be myself again

# Now I can



Now the most prescribed atypical\*

# Proven efficacy To help patients achieve continued success<sup>11-4</sup>

# Trusted tolerability To help patients stay on treatment 1-5

SEROQUEL is indicated for the treatment of acute manic episodes associated with bipolar I disorder, as either monotherapy or adjunct therapy with lithium or divalproex, and the treatment of schizophrenia. Patients should be periodically reassessed to determine the need for continued treatment.

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-Feb. 06. New prescriptions. Sept. 04-Feb. 06. 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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www.SEROQUEL.com

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Quetiapine in schizophrenia: onset of action within the first week of treatment. Curr Med Res Opin: 2004;20:1017-1023. 4. Kasper S, Brecher M, Fitton L, et al. Maintenance of long-term efficacy and safety of quetiapine in the open-label treatment of schizophrenia. Int Clin Psychopharmacol. 2004;19:281-289. 5. SEROQUEL Prescribing Information.

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

Prescribing intermetion.

Increased Mortality in Elderly Patients with Dementia-Related Psychosis

Elderly patients with dementis-related psychosis treated with abytical antipsychotic drugs are at an increased risk of Seeth compared to piscebo. Analyses of seventiene placebo-controlled risks (model duration of 10 weeks) in these patients revealed at risk of death the drug-treated patients to between 1.5 to 1.7 times that seem in placebo-treated patients. Over the course of a bytical 10 week controlled risk, far rate of death in drug-treated patients was about 1.5, 5, 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 (a, hard risture, sudden death) or infectious (e.g. paniumical) in acture. SCROOUEL (quest-apine) is not approved for the treatment of patients with Dementia-Related Psychosis.

MINICATIONS AND USAGE: Bipolar Mania: SEROUUEL is indicated for the treatment of acute manic episodes asso-ciated with bipolar idisorrier, as either monotherapy or adjunct thierapy to lifetium or divalgnose. The efficacy of SEROUUEL in acute bipolar mania was established in two 12-week monotherapy trial and one 3-week adjunct therapy trial of bipolar pleates hinkink) hospitaled for up to 7 disport and terminary trial and one 3-week adjunct therapy trial of bipolar pleates hinkink) hospitaled for up to 7 disport and trial pleates and a selection of the selecti

CONTRACIONATION CENTRAL IN CONTRACTOR AND THE ANALYSES INCOME PROJECT SHAPE PROJECT SHAPE AND THE ANALYSES INCOME PROJECT SHAPE AND THE ANALYSES I

contribute to an elevation in core body temporature, e.g., extracing intervolvely, exposure to extreme host, respecting opportunation and interchempting activity, or letting and period to oblyptions. Departure Configuration and monthly in deterpol configurations are contributed and monthly in deterpol configurations are contributed and monthly in deterpol configurations. In particular the work advanced Afferiative's deservations. SERGOLE, and other antisoperative drugs about the sense calculosity in patients a risk for separation presentation in patients are contributed by the private presentation of light has patients band accompany of an interval presentation of the private patients with the contributed of the private patients. Provided and provided accompany of an interval presentation of the private patients with the contributed of the private patients. Provided accompany of an interval presentation of the private patients with the contribution of the private patients. Provided and provided and provided accompany of the provi

so, sould add outsubscript in general many to go, so year entaining, and careful mining in graining in emits of important in the elderly. The mean plasma clearance of SCPROUCEL was reduced by 37% to 55% in elderly patients when commerce to provinger plantins.

AUPKERS PREATURISS. The information below is derived from a clinical trial database for SERDOULE consisting of over 3000 patients. This database includes 40% patients exposed to SERDOULE for the treatment of acute lopidar mania (monothersy) and adjunct therapy and adjunct therapy and adjunct therapy and adjunct therapy and approximately 2500 patients and/on moral subjects opposed to 1 or more doses of SERDOULE for the treatment of schizopheria. Of these approximately 3000 subjects, approximately 2700 (2000 in schizopheria and 46% in another planting in a final planting in a fina once where palent constants are one many to the most market palent or mise making the most palent pa

Treatment-Emergent Adverse Experience Incidence in 3- to 12-Week Placebo-Controlled Clinical Trials\* for the Treatment of Schizophrenia and Biolate Mesis (necondurage): Before as a Whete: Headorte, Pain, Activation, Adversion of Schizophrenia and Biolate Mesis (necondurage): Enterin as a Whete: Headorte, Pain, Patrollet, Adversion Constitution, Vionning, Desposis, Gastinenterinis, Gamme Glatenty, Terrospotistes horrased, Metabelle and Herbitteack Weight Gan, Spiff Improaces, Spoff Internated Memore: Adultion Schizopher, Metabelle and Herbitteach Weight Gan, Spiff Improaces, Spoff Internated Memore: Adultion Schizopher, Violation, Spiff Internated, Spiff Internation, Patrollet, Desposition, Increased depletin, internation, Internation, Internation, Journal, Internation, Patrollet, Internation, Internation, Journal, Internation, Internation, Journal, Internation, Patrollet, Internation, Internation, Journal, International Committee, Internation, Journal, International Committee, International Committee of Internation, International Committee of International Committee recreased, hypophyceniac, Ranzy dycosuring, quot hand eleman, hypotelemia, valuer intoxication. Skin and Appendages.

System: Frequent: sweating, inhequent prumis, anne eccens, contact dermatilis, maculospoular rash, seborines, and lacer edicitative dermatilis, maculopaular rash, seborines, variantis, rumany incordination, enterorhagia, impotenzi dysumi, and payariam inmitiassis; altomoral ejacutation, variantis, urmany incordination, enterorhagia, impotenzi dysumi, angiand mortiliassis; altomoral ejacutation, dystemis, urmany incordination, enterorhagia, impotenzi dysumi, angiand mortiliassis; altomoral ejacutation, dystemis, urmany incordination, enterorhagia, andie kindy failure. Special Beanes: Infraquent conjunctivitis, altomoral sistemis, urmany incordination, polyaria, acute kindy failure. Special Beanes: Infraquent conjunctivitis, altomoral sistemis, urmany incordination, andientis, dystemis, affairza discontination, and activities, affairza discontination, and anti-payaria discontination and anti-payaria discontination. Infrared and imprehentible Systems: Properative Houleprois, infrared Houlepro

Is, hypotametrian, riscountywysis, synctrum or nephyropeae area-olithisson Syndrome (SLIS). Exercised Substance Class: SEROULEL is not a controlled substance, Physical IRNUS ANSIS AND INFORMATIC Committed Substance Class: SEROULEL is not an extenditudy studied, in animals or humans, for its poten-tial for aduse, blockance or physical dependence. While the clinical trials did not reveal any tendency for any drug-seek-ing behavior, these observations were not systematic and it is not possible to predict on the basis of this limited expe-tation of the control of the seek of the limited and the advanced may practical consequently. tial for sture, loterance or physical dependence. While the clinical trials off not reveal any tendency for any drug-seep lephatory, the sechemotics were not systematic and it is not possible to protein on the bases of this finded experience the extent to which a DNS-active drug will be missued, diverted, and/or abused once marketed. Consequently, particularly studied to the case of this finded experience where the extent to which a DNS-active of the short point and studies, and such particulars should be conserved dosely for signs of missues or abuse of SSF00UEL, e.g., development of toterance, increases in dose, drug-seeking behavior. OVERNOSAGE. Human experience: Experience with SSF00UEL (questipine humantarile in audit to extracting was similared in the clinical trial databases (6 reports) with estimated doses caping from 1200 mg to 9800 mg and no statistics. In general, reported signs and symptoms were those resulting from on exaggeration of the drug's known pharmacological effects, i.e., drovesiness and seations, business and symptoms were those resulting from on exaggeration of the drug's known pharmacological effects, i.e., drovesiness and seations, business and symptoms were those resulting from on acceptation of the drugs in case of acute overdosage, establish and market an investigation of the drugs and experience of SSF00UEL above resulting in repolarization. Assumement of Devertosage, in case of acute overdosage, establish and market an investigation and variety and experience of the control of the state and result in an individual communities of the control of the state of the control of the state of acute overdosage or an investigation of the thesi and market an individual communities of the state of th tod symptoms, amount many in mountain should be administered. Code means continue until the patient recovers.

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AstraZeneca 2004, 2005

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