Vitamin D Deficiency Found Prevalent in RA

BY MITCHEL L. ZOLER

PHILADELPHIA — Patients with moderately active rheumatoid arthritis had a high prevalence of vitamin D insufficiency and deficiency in a prospective study of 1,160 patients in the Veterans Health Administration system.

Based on this finding, the "testing of vitamin D levels is mandatory" in patients with RA, Dr. Gail S. Kerr said at the annual meeting of the American College of Rheumatology.

In addition, "we advocate vitamin D replacement as an additional, non-DMARD [disease-modifying antirheumatic drug] component of RA management," said Dr. Kerr, chief of rheumatology at the Washington D.C. VHA Medical Center.

The study used patients who were enrolled in the U.S. VARA (Veterans With RA) registry, which began in 2002 at eight VHA centers around the United States. The current analysis focused on the 1,160 enrolled patients for whom vitamin D levels were available. Insufficiency was defined as a level of 30 ng/mL or lower; deficiency was 20 ng/mL or lower.

The patients' average age was 64 years; 91% were men, 77% were white, and 17% were black. Average duration of RA was 12 years, and they generally had moderately active disease.

Low vitamin D levels were common, with 85% of the patients meeting the definition of insufficiency and 45% with a deficient level. The average vitamin D level for the entire group was 22 ng/mL.

A multivariate analysis showed that patients who were younger and not white, as well as those with higher tender joint counts and higher body mass index, had a higher risk for having vitamin D insufficiency or deficiency.



BRIEF SUMMARY. See package insert for full Prescribing Information. For further product information and current package insert, please visit www.wyeth.com or call our medical communications department toil-free at 1-800-934-5556.

WARNING: Suicidality and Antidepressant Drugs

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Antidepressants increased the risk compared to placebo of suicidal thinking and behavior (suicidality) in children, adolescents, and young adults in short-term studies of Major Depressive Disorder (MDD) and other psychiatric disorders. Anyone considering the use of Pristiq or any other antidepressant in a child, adolescent, or young adult must balance this risk with the clinical need. Short-term studies did not show an increase in the risk of suicidality with antidepressants compared to placebo in adults beyond age 24; there was a reduction in risk with antidepressants compared to placebo in adults aged 65 and older. Depression and certain other psychiatric disorders are themselves associated with increases in the risk of suicide. Patients of all ages who are started on antidepressant therapy should be monitored appropriately and 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. Pristiq is not approved for use in pediatric patients [see Warnings and Precautions (5.1), Use in Specific Populations (8.4), and Patient Counseling Information (17.1 in the full prescribing information)].

INDICATIONS AND USAGE: Pristiq, a selective serotonin and norepinephrine reuptake inhibitor (SNRI), is indicated for the treatment of major depressive disorder (MDD).

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CONTRAINDICATIONS: Hypersensitivity-Hypersensitivity to desvenlafaxine succinate, venlafaxine hydrochloride or to any excipients in the Pristiq formulation. Monoamine Oxidase Inhibitors-Pristiq must not be used concomitantly in patients taking monoamine oxidase inhibitors (MAOIs) or in patients who have taken MAOIs within the preceding 14 days due to the risk of serious, sometimes fatal, drug interactions with SNRI or SSRI treatment or with other serotonergic drugs. Based on the half-life of desvenlafaxine, at least 7 days should be allowed after stopping Pristiq before starting an MAOI [see Dosage and Administration (2.5) in the full prescribing information.

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3 consocutive on-therapy visits. In clinical studies, regarding the proportion of patients with sustained hypertension, the following rates were observed: placebo (0.5%), Pristiq 50 mg (1.3%), Pristiq 100 mg (0.7%), Pristiq 200 mg (1.1%), and Pristiq 400 mg (2.3%), Analyses of patients in Pristiq controlled studies who met criteria for sustained hypertension revealed a dose-dependent increase in proportion of patients who developed sustained hypertension revealed a dose-dependent increase in proportion of patients who developed sustained hypertension. Abnormal Bleeding-SSRIs and SMRIs can increase the risk of bleeding events. Concomitant use of aspirin, other drugs that affect platelt function monsteroidal anti-inflammanoly drugs, warrain, and other anticoagulants can ado to this risk. Bleeding events related to SSRIs and SMRIs have ranged from ecclymosis, hemationa, epistaxis, and petechiae to interest related to SSRIs and SMRIs have ranged for ecclymosis, hemationa, epistaxis, and petechiae to constitut use of Pristiq and NSAIbs, aspirin, or other drugs that affect coagulation or bleeding associated with the concomitant use of Pristiq and NSAIbs, aspirin, or other drugs that affect coagulation or bleeding associated with the concomitant tase of Pristiq and NSAIbs, aspirin, or other drugs that affect coagulation or bleeding associated with raised intraocular pressure or those at risk of acute narrow-angle glaucoma (angle-closure) galacomals plantly and the proportion of patients with raised intraocular pressure or those at risk of acute narrow-angle glaucoma (angle-closure) galacomals plantly and manifesticial pristicial patients with raised intraocular pressure or those at risk of acute and analysis of a patient plantly and prosportion of patients with raised intraocular pressure or those at risk of acute and analysis of a patients with raised and proportion patients with raised patients. Acute and analysis of a patients with raised patients with raised patients with raised patients. Acute and patients with r therapy have been rarely reported. The possibility of these adverse events should be considered in patients treated with Pristiq who present with progressive dyspnea, cough, or chest discomfort. Such patients should undergo a prompt medical evaluation, and discontinuation of Pristiq should be considered.

Interstitial lung disease and eosinophilic pneumonia associated with venialravine (the parent drug of Pristig) de therapy have been rarely reported. The possibility of these adverse events should be considered in patients a should with Pristig who present with progressive dyspnea, cough, or chest discomfort. Such patients eshould with Pristig who present with progressive dyspnea, cough, or chest discomfort. Such patients eshould be considered.

ADVERSE REACTIONS: Clinical Studies Experience: The most commonly observed adverse reactions in Pristig-treated MDD patients in short-term fixed-dose studies (incidence ≥5% and at least twice the rate of placebo in the 50- or 100-mg dose groups) were nausea, dizzlness, insomina, hyperhidrosis, constitution of patients in the 50- or 100-mg dose groups) were nausea, dizzlness, insomina, hyperhidrosis, constitution of patients of placebo in the 50- or 100-mg dose groups) were nausea, dizzlness, insomina, hyperhidrosis, constitution of discontinuation in at least 2% of the Pristig-treated patients in the short-term studies, up to 8 months, the most common was vomiting (2%). Common adverse reactions the accurred in ≥2% or Pristig-treated MDD patients at any dose in the 8-week, placebo-controlled, fixed-dose, premarketing clinical studies. In general, the adverse reactions were most frequent in the first week of treatment. Cardiac tis officers: Palpitations, Venticon, Vomiting, General disorders and administration site conditions: Fatigue, and Cardiac disorders: Palpitations, Venticon, Vomiting, General disorders and administration site conditions: Fatigue, and the pristing patient of sexual function adverse reactions that occurred in ≥2% (Parcella Studies). Submodale, Pristignation and conditions and pristignation of sexual function adverse reactions and administration site conditions: Fatigue, and the pristignation of the pristig

from supine to standing position) occurred more frequently in patients 2-65 years of age receiving Pristing (19%). 7707 versus piezebo (25%, 1/40), compared to pelemisk c. 65 years of age receiving Pristing (19%). 7807 versus piezebo (25%, 1/40), compared to pelemisk c. 65 years of age receiving Pristing (19%). 7807 versus piezebo (25%, 1/40), compared to pelemisk c. 65 years of age receiving Pristing (19%). 7807 versus piezebo (25%), 1/400, portugation with other compared to pelemisk pelemisk

approximately I or lourist inteating subjects and insulents with lepatic impairment of sain 4 industry of moderate and severe hepatic impairment, respectively. No adjustment in starting dosage is necessary for patients with hepatic impairment.

OVERDOSAGE: Human Experience with Overdosage—There is limited clinical experience with desvenlafaxine succinate overdosage in humans. In premarketing clinical studies, no cases of fatal acute overdose of desvenlafaxine were reported. The adverse reactions reported within 5 days of an overdose >6000 mg that were possibly related to Pristiq included headache, vomiting, agliation, dizziness, nausea, constipation, diarrhea, dry mouth, paresthesia, and tachycardia. Desvenlafaxine (Pristiq) is the major active metabolite of venlafaxine. Overdose experience reported with venlafaxine (the parent drug of Pristiq) is is presented below; the identical information can be found in the Overdosage section of the venlafaxine package insert. In postmarketing experience, overdose with venlafaxine (the parent drug of Pristiq) has occurred predominantly in combination with alcohol and/or other drugs. The most commonly reported events in overdosage include tachycardia, changes in level of consciousness (ranging from somnolence to coma), mydrasis, seizures, and vomiting. Electrocardiogram changes (eg, prolongation) of To interval, bundle branch block, QRS prolongation), sinus and ventricular tachycardia, bradycardia, hypotension, rhabdomyolisk, vertigo, liver necrosis, serotonin syndrome, and death have been reported. Published retrospective studies report that venlafaxine overdosage may be associated with an increased risk of fatal outcomes can be attributed to the toxicity of venlafaxine in overdosage, as opposed to some characteristic(s) of venlafaxine-treated patients. The extent to which the finding of an increased risk of fatal outcomes can be attributed to the toxicity of venlafaxine in overdosage, as opposed to some characteristic(s) of venlafaxine-treated patients. The extent to whic

This brief summary is based on Pristig Prescribing Information W10529C004, revised February 2009