PAIN MEDICINE

Botox Found to Reduce Frequency of Migraine

BY MICHELE G. SULLIVAN

PHILADELPHIA — OnabotulinumtoxinA appears to be a safe, effective, and well-tolerated headache prophylactic for patients with chronic migraine.

The PREEMPT 1 and 2 studies were conducted at centers in North America and Europe, and included 1,384 patients (average age 41 years). Each trial consisted of a 4-week baseline period, during

which patients kept a headache diary, followed by 24 weeks of treatment during which patients received two injection cycles of either placebo or 155 U onabotulinumtoxinA (Botox), which has not been approved for migraine by the Food and Drug Administration. From 24 to 56 weeks, there was an open-label trial consisting of three injection cycles of the study drug, Dr. David W. Dodick of the Mayo Clinic Arizona, Phoenix, reported

at the International Headache Congress.

At baseline, patients reported a mean of 20 headache-days a month, 19 of which were considered migraine days, with a mean of 290 cumulative headache-hours. The mean score on the Headache Impact Test-6 (HIT-6) survey was 65, indicating severe impact. Most of the patients (93%) also reported severe headache-related disability, and 65% were overusing acute pain medications. At 24 weeks, those in the active group had a significantly greater reduction in headache days and migraine days than those taking placebo (-8 vs. -6). The HIT-6 score also fell significantly more in the active group (-5 points vs. -2 points). The use of triptans did decrease significantly in the active group compared with the placebo group. The study was sponsored by Allergan Inc., maker of the study drug, and from which Dr. Dodick reported having received honoraria.



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 toll-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 neat 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 (Mols) 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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WARNINGS AND PRECAUTIONS: Clinical Worsening and Suicide Risk-Patients with major depressive desorder (MDI), both adult and pediatric, may experience worsening of their depression and/or the emergence of sucidal biomagnetic control of the seriod of the Warnings and Precautions: Clinical Worsening and Suicide Risk-Patients with major depre

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 the proportion of patients who developed sustained hypertension: revealed a dose-dependent increase in the proportion of patients who developed sustained hypertension: Anonmad Bleeding-SSRs and SMRIs can increase the risk of bleeding exportage of the controlled studies who met created to SSRIs and SMRIs that concomitant use of Pristiq and NSAIDs, apprin, or other drugs that affect cagulation or bleeding associated with the concomitant use of Pristiq and NSAIDs, apprin, or other drugs that affect cagulation or bleeding. Narrow-angle Glaucoma-hybritasis has been reported in association with Pristic, therefore, patients with raised intraocular pressure or those at risk of acute narrow-angle glaucoma (angle-closure glaucoma) should be monitored. Activation of Mania/Hypomania—Touring all MDD and VMS (vasomotor symptoms) phase 2 and phase 3 studies, mania was reported for approximately 0.1% of patients treated with Pristiq Activation of mania/Hypomania has also been reported in a small proportion of patients with might should be used cautiously in patients with a history or family instroy of mania or hypomania. Cardiovascular, or erborvascular, or lipid metabolism disorders is advised in administering Pristiq to patients with a creater history of myocardial infraction, unstable heart disease, uncontrolled hypertension, or cerebrovascular diseases, were observed in clinical studies with Pristiq. Pristiq has not been evaluated to the controlled during treatment with Pristiq (see Adverse Reactions (6.1), Discontinuation or dose reluction has been associated with the appearance of new symptoms that been systematically and prospec therapy have been rarely reported. The possibility of these adverse events should be considered in page 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 venialraxine (the parent drug of Pristig) de treapy 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, and the progression of patients of patients and the second of patients and constitution of the second of patients and constitution of the pristig-treated patients in the short-term studies, up to 8 months, the most common was womiting (2%) Common adverse reactions in placebo-controlled the MDD studies. Table 3 in tull P1 shows the incidence of common adverse reactions that occurred in ≥2%, of 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 offers: Palpitations, Tachycardia, Blood pressure increased; Gastrointestinal disorders: Nausea, Dry drouth, Diarrhea, Constipation, Vomiting, General disorders and administration site conditions: Fatigue, Chilis, Feeling jittery, Asthenia, Metabolism and nutrition disorders: Paraethesia, Disturbance in at attention; Psychiatric Disorders: Hyperthidrosis, Rash; Special Senses: Vision blurred; Mydriasis, Timitus, Psychiatric disorders: Venning, Skin and subcutanceus likes the control of sexual function adverse reactions and control of sexual function adverse reactions and contro

those in the ac- ported having received honoraria.

If mor supine to standing position occurred more frequently in patients 265 years of age receiving Pristing (19%), 1787 years piezebo (125%, 1/40), compared to pelentia. 65 years of age receiving Pristing (19%), 1879,

approximately of nouns' in relative subjects with subjects with min hepatic impairment of sain 4 industive normal 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, is not clea

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