Foodborne Infections May Increase Risk of IBD

BY HEIDI SPLETE

CHICAGO — A history of foodborne infections nearly triples the risk of inflammatory bowel disease, according to data from a population-based study of nearly 40,000 adults.

We have seen increased incidence of both colitis and Crohn's disease in recent years," said Dr. Henrik Nielsen of Aalborg (Denmark) Hospital. The patho-

genesis of inflammatory bowel disease (IBD) remains uncertain. Previous studies have suggested a role for environmental factors, including infections, but few of these studies have included longterm follow-up data, he said at the annual Digestive Disease Week.

Dr. Nielsen and his colleagues used laboratory registries from 1991 to 2003 to identify 13,148 adults with a history of Salmonella or Campylobacter gastroenteritis, and 26,216 controls without a history of these infections

During an average follow-up of 7.5 years, a first-time diagnosis of IBD was reported in 107 individuals with a history of Salmonella or Campylobacter infections, and in 73 controls. The risk of IBD was similar for both pathogens, and was independent of age and sex. In the group with the history of infections, the odds ratio for IBD was 2.9 during the entire

follow-up period and 1.9 when the first year after infection was excluded.

The study could not prove causality because of its retrospective nature, but the results may contribute to a better understanding of the etiology of IBD, said Dr. Nielsen, who had no financial conflicts to disclose.

■ A related video is at www.youtube.com/ Internal Medicine News (search for 67188).



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
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. Pristig 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).

CONTRAINDICATIONS: Hypersensitivity-Hypersensitivity to desvenlafaxine succinate, ventat hydrochloride or to any excipients in the Pristig formulation. Monoamine Oxidase Inhibitors-Pristig indictionation of the agreements in the Prising formulation, who manime variates immibutes "Prising flush to be used concomitantly in patients taking monoramine oxidase inhibitors (MAOIs) or in patients who have use MAOIs within the preceding 14 days due to the risk of serious, sometimes fatal, drug interactions with RI or SSRI treatment or with other serotonergic drugs. Based on the half-life of desvenlataxine, at least 7 ys should be allowed after stopping Pristiq before starting an MAOI [see Dosage and Administration (2.5) the full prescribing information].

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WARNINGS AND PRECAUTIONS: 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. Suicide is a known risk of depression and certain other psychiatric disorders, and these disorders themselves are the strongest predictors of suicide. There has been a long-standing concern, however, that antidepressants may have a role in inducing worsening of depression and the emergence of suicidality in certain patients during the early phases of treatment. Pooled analyses of short-term placebo-controlled studies of antidepressant drugs (SSRIs and others) showed that these drugs increase the risk of suicidality in children, adolescents, and young adults (ages 18-24) with major depressive disorder (MDD) and other psychiatric disorders. 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 with antidepressants compared to placebo in adults beyond age 24; there was a reduction with antidepressants compared to placebo in adults supposed and other psychiatric disorders included a total of 24 short-term studies of anotler psychiatric disorders included a total of 24 short-term studies of anotler psychiatric disorders included a total of 295 short-term studies (median duration of 2 months) of 11 antidepressant drugs in over 7,000 patients. There was considerable variation in risk of suicidality among drugs, but a tendency toward an increase in the younger patients for almost all drugs studied. There were difference in the number of cases of suicidality among drugs, but a te These risk dirennes (true)-placebo difference in the number of cases of suicidality per 1000 patients treated) are provided in Table 1 of the full prescribing information. No suicides occurred in any of the pediatric studies. There were suicides in the adult studies, but he number was not sufficient to reach any conclusion about drog effect on suicide. It is unknown whether the suicidality risk extends to longer-tem, use, e., beyond several months. However, there is substantal evidence from placebo-controlled maintenance studies in adults with depression that the use of antidepressants can delay the recurrence of depression. All patients being treated with antidepressants for any indication should be monitored appropriately and 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. The following symptoms, axiety, agitation, panic attacks, insponnain, and main, have been reported in adult and pediatric patients being treated with antidepressants for major depressive disorder as well as for other indications, both psychiatric and nonspsychiatric. Although a causal film 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 may represent precursors to emerging suicidality, consideration should be supported to changing the therapteutic regimen, including possibly discontinuing the medication, in patients whose depression is persistently worse, or who are experiencing emergent suicidality or symptoms that abrupt discontinuation can be associated with certain symptoms. If the decision has been made to discontinuation or a session or suicidality, especially if these symptoms are severe, abrupt in onset, or were not part of the patient's presenting symptoms. If the decision has been made to be experienced in the patient of the patient

3 consecutive 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 (2.5%). 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: Rebanding and a dose-dependent increase in proportion of patients who developed sustained hypertension. Abnormal Bleeding-SSRs and SMRIs can increase the risk of bleeding events. Concomitant use of aspirin, other drugs that affect platelet function nonsteroidal anti-inflammatory drugs, warrain, and other anticoagulants can ado to this risk. Bleeding events related to SSRs and SMRIs warrain, and other anticoagulants can ado to this risk. Bleeding events related to SSRs and SMRIs warrain, and other anticoagulants and ado to this risk. Bleeding events related to SSRs and SMRIs have ranged from ecchymosis, hematoma, epistaxis, and petechiae to little-interesting hemotrogenes. Patients should be cautioned about the risk of bleeding associated with the concomitant use of Pristiq and NSAIDs, aspirin, or other drugs that affect coagulation or bleeding. Narrowangle Glaucoma-hydriasis has been reported in association with Pristic, therefore, patients with major of manifactive promania has asis to been reported in a small proportion of patients with major affective disorder who were treated with other marketed antidepressents. As with all antidepressents, and antidepressents and heart rate were observed in clinical studies with Pristiq. Pristiq has not been evaluated by systematically in patients with a recent history of myocardial infarction, unstable heart disease, uncontrolled hypertension, or cerebrovascular diseases, were observed in the controlled studies. Serum Cholesterol and Triglyceride Elevation-Dose-related elevations in fasting serum total cholesterol, Jun J Interstitial rung guissase and expending processibility of these adverse events should be considered in pauents treated with Pristig who present with progressive dyspnea, cough, or chest discomfort. Such patients should undergo a prompt medical evaluation, and discontinuation of Pristig should be considered.

Interstital lung disease and eosinophilic pneumonia associated with ventakanne (the parent drug of Pristig) therapy have been rarely reported. The possibility of these adverse events should be considered in patients the study with progressive dyspnea, cough, or chest discomfort. Such patients should with progressive dyspnea, cough, or chest discomfort. Such patients is should with progressive dyspnea, cough, or chest discomfort. Such patients is should 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, dizziness, insomina, hyperhidrosis, advisers reactions reported as reasons for discontinuation of treatment—The most common adverse reactions leading to discontinuation in at least 2% of the Pristig-treated patients in the short-term studies, up to 8 weeks, were nausea (4%), dizziness, headache and vomiting (2%). Common adverse reactions the completem study, up to 9 months, the most common was vomiting (2%). Common adverse reactions in placebo-controlled MDD studies. Table 3 in full Ps 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 fixer week of treatment. Cardiac disorders: Palpitations, Tachycardia, Blood pressure increased; Gastrointestinal disorders: Nausea, Dry mouth, Diarrhac, Constipation, Vomiting, General disorders and administration site conditions. Fatigue, Chilis, Feeling jittery, Asthenia; Metabolism and nutrition disorders: Submition is administration of sexual function adverse reactions that occurred in ≥2% of Pristig-treated MDD patients in a studies, there were the placebo-controlled, fixed and fixibite disorders. Fabile 4 shows the incidence of sexual function adverse reacti

from supine to standing position) occurred more frequently in patients 265 years of age receiving Pristing (8,0%, 770) versus placebo (2,5%, 1/40), compared to patients. 6.5 years of age receiving Pristing (8,0%, 770) versus placebo (2,5%, 1/40), compared to patients. 6.5 years of age receiving Pristing (8,0%, 770) versus placebo (2,5%, 1/40), compared to patients. 6.5 years of age receiving Pristing (8,0%, 770) versus placebo (2,5%, 1/40), compared to patients. 6.5 years of age receiving Pristing (8,0%, 770) versus placebo (2,5%, 1/40), compared to patients. 6.5 years of age receiving Pristing (8,0%, 770) versus placebo (2,5%, 1/40), compared to patients who have recently been systematically evaluated. Consequently, caution is advised when Pristing is taken in combination with other systematically evaluated. Consequently, caution is advised when Pristing is taken in combination with other pharmacological properties similar to Pristing (8,18%) or SSR18, or who have recently had SNR1 or SSR1 heaving of the patients who have recently been department of a consequently and the potential for serotain syndrome, caution is advised the heavy department of a consequently and the potential for serotain syndrome, caution is advised to the mechanism of action of Pristing and the potential for serotain syndrome, caution is advised to gene Marnings and Precautions 6,2 10. Trugs that Interfere with Hemostasis (eg. NSA0h. Asplin, and Warfarin). Serotain required as a superior placeboard of the pristing placeboard of the placeboard of the pristing placeboard of the pristing pla

approximately of nouls in Healing's subjects and usujects within hepatic impairment of sain 4 indust in 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 vere reported. The adverse reactions reported within 5 days of an overdose >600 mg that were possibly related to Pristiq included headache, vomiting, agitation, dizariness, 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 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), mydraiss, sezizures, and vomiting. Electrocardiogram changes (eg. prolongation) of To interval, bundle branch block, QRS prolongation), sinus and ventricular tachycardia, bradycardia, hypotension, rhabdomyolysis, 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 which

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