HIV, Syphilis Risk Quantified in Gay, Bisexual Men

BY MELINDA TANZOLA

ATLANTA — New estimates from the Centers for Disease Control and Prevention indicate that gay and bisexual men are 44 times more likely than other men, and more than 40 times more likely than women, to be diagnosed with HIV infection.

According to data presented at a CDC Conference on STD Prevention, the rate

Arristia desvenlafaxine Extended-Release Tablets

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

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. 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).

CONTRAINDICATIONS: Hypersensitivity-Hypersensitivity to desvenlafaxine succinate, hydrochloride or to any excipients in the Pristig formulation. Monoamine Oxidase Inhibitors Instruction to any excipterism in the missig formulation. Monoamme Exclases Inhibitors-Pristig must not be used concomitantly in patients taking monoamine ovidase 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 desvenilataxine, at least 7 days should be allowed after stopping Pristig before starting an MAOI [see Dosage and Administration (2.5) in the full prescribing information].

days should be allowed after stopping Pristig before starting an MAOI [see Dosage and Administration (2.5) in the full prescribing information]. 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 chirak of suicidality with antidepressants compared to placebo in adults aged 56 and older. The pooled analyses of placebo-controlled studies in children and adolescents with MDD, obsessive-compulsive disorder (OCD), or other psychiatric disorders included a total of 24 short-term studies of antidepressant drugs in over 4,400 patients. The pooled analyses of placebo-controlled studies in adults with MDD or other 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 nero young patients for almost all drugs studied. There were differences in absolute risk of suicidality across the different indications, with the highest incidence in MDD. The risk indeferences (drug -placebo), however, were relatively stable within age strata and accoss indications. These nisk differences in the aunther preschiation These risk directions: (un) vs. piecko), however, were relatively static within age static and acloss indications treated are provided in Table 1 of the full preschibil information. No suickles occurred in any of the pediatric studies. There were suickles in the adult studies, but here was not sufficient to reach any conclusion about drug effect on suickle 1 is unknown whether the suicklaftly risk extends to longer-term use, i.e., beyond several months. However, there is substantial 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 indications should be monitored appropriately and observed closely for clinical worsening, suicklaftly, and unusual changes in behavior, sopecially during the initial tew months of a course of dung therapy, or at times of doge changes, either increases or decreases. The following symptoms, annety, agitation, panic attacks, hypomania, and main, have been reported in adult and pediatric patients being treated with any segressive disorder as well as for other indications, both psychiatric and onospecifiatric. Although a causal link between the emergence of suickal impression should be moleculor, in patients wing depression altored the emergence of suickal imples has no been established, there is concern that such symptoms may represent precursors to emerging suickality. Consideration should be target on suickality, as is fassible, but with recognition that abroy depression is persistently worse, or who are experiencing emergent suickality or symptoms that any there were not part of the patient's presenting symptoms. The decision has been made to discordinin presention of the indications, but psychiatric and on young symptoms decreption of the emergence of agitation, intrabibity especially if these symptoms are repersenting depression is persistently worse, or who are expensition symptoms intervice as well as for one potential sympt

of new HIV diagnoses among men who have had sex with men in the past 5 years is 44-86 times that of other men and 40-77 times that of women.

Rates of primary and secondary syphilis are 46-89 times higher in gay and bisexual men than in other men, with rates of approximately 121 (range, 91-173) per 100,000 versus 2 per 100,000 individuals, respectively. Syphilis rates are 71-135 times higher in gay and bisexual men than in women, who were diagnosed at a rate of 1 per 100,000.

Although the disproportionate burden of HIV and syphilis in gay and bisexual men is already known, the actual disease rates in these men, compared with other populations, have been difficult to determine because there has been no consensus estimate or single data source for the size of the gay and bisexual population in the United States, explained David W. Purcell, Ph.D., of the CDC in his presentation.

Therefore, in order to estimate national disease rates, Dr. Purcell and his colleagues at the CDC first undertook an analysis to determine the size of the U.S. gay and bisexual population.

They found that gay and bisexual men account for about 4.0% (range, 2.8%-5.8%) of U.S. males aged 13 years and older.

Ingner in gay and Disexual una population in the United Order States and Stat should undergo a prompt medical evaluation, and discontinuation of Pristig 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, insomnia, hyperhidrosis, constipation, somnolence, decreased appetite, anxiety, and specific male sexual function disorders. Adverse reactions reported as reasons for discontinuation of treatment. The most common adverse reactions leading to discontinuation in the field as 22% of the Pristig-treated patients in the short-term studies, up to 8 weeks, were nausea (4%); dizziness, headache and vomting (2% each); in the long-term study, up to 9 months, the most common was vomting (2%). <u>Common adverse reactions in placebo-controlled</u> <u>MDD studies</u>. Table 3 in full PI 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. nremarketing clinical studies. In neared the adverse reactions that occurred in ≥2% s⁶ reactions leading to discontinuation in at least 2% of the Pristiq-freated patients in the short-term studies, up to 8 weeks, were nause 4(%); diziness, headache and vointing (2%) each) in the long-term study, si up to 9 months, the most common was vorniting (2%). Common adverse reactions in placebe-controlled in <u>MDD studies</u>. Table 3 in full PI shows the incidence of common adverse reactions that occurred in ≥2%, of Pristiq-treated MDD patients at any dose in the 8-week, placebo-controlled, fixed-dose, premarketing of clinical studies. In general, the adverser reactions that occurred in ≥2% of Pristiq-treated MDD patients at any dose in the 8-week, placebo-controlled, fixed-dose, premarketing of clinical studies. In general, Bood pressure increased; <u>Gastronessinal enditions</u>. Neight Constipation, Nomiting; <u>General disorders: and administration site conditions: Falue, 6</u> (Chills, Feeling); Itery, Athenia, Metabolisma and nutrition disorders: Novaes, <u>System disorders:</u>. Dizoness, Sonnolence, Headache, Tremor, Paraesthesia, Disturbance in attention; <u>Bsychiatric Disorders:</u>. Instrukt, Anviek, Nervousnes, Irribability, Ahoromat direarns; <u>Benal and urinary disorders:</u>. Unitary, hesitation; <u>Respiratory, thoracic, and mediastinal disorders: Vavning; Skin and gurinary disorders: Unitary hesitation, Rescula turcion adverse reactions couring - 2% of Pristiq-treated MDD patients in any Ked-dose group (6-week, placebo-controlled, fixed and flexible-dose, premarketing clinical studies). <u>Men Only:</u> donogamia, Ubido decreased, Orgasm abnormal, Ejaculation delayed, Erectile dysfunction; <u>Bioseders - Depresonalization</u>, Npomania, <u>Meerse reactions to couring at an incidence of *sexual function adverse* e, exclores couring at an incidence of *sexual function adverse* e, exclared and werse reactions to couring at an incidence of *sexual function adverse* e, *exclared adverse* events function; *Biosedores Deverse adverse* e enastions, *Npomania*. <u>Beopriatory</u>, <u>Covaras</u>, <u>Decela Serverse</u>, <u>Neocobase</u>, <u>Neocobase</u></u></u>

ted States, ex and older.

Percommended dose in patients with hepatic impairment is 50 mg/day. Dose escalation above 100 mg/day is not recommended [see Clinical Pharmacology (12.6)]. OVERDOSAGE: Human Experience with Overdosage There is limited clinical experience with desveniafaxine succinate overdosage in humans. In premarketing clinical studies, no cases of fatal acute overdose of desveniafaxine were reported. The adverse reactions reported within 5 days of an overdose >600 mg that were possibly related to Pristiq included headache, vomiting, agitation, dizziness, nausea, constigation, diarniea, dry mouth, paresthesia, and tachycardia. Desveniafaxine (the parent drug of Pristiq) is prestabilite of venifaxine. Overdose experience reported with venifaxine (the parent drug of Pristiq) is presented below; the identical information can be found in the *Overdosage* section of the venifaxine package insert. In postmarketing experience, overdose with venifaxine (the parent drug of Pristiq) has occurred predominantly in combination with alcohol and/or other drugs. The most commonly reported vents in overdosage include tachycardia, changes in level of consciousness (ranging from somnolence to coma), mydriasis, seizores, and vomiting. Electrocardiogram changes (eg, prolongation of QT interval, bundle branch block, QRS prolongation), sinus and ventricular tachycardia, hradycardia, hypotension, rhabdormy/oyis; vertigo, liver necrosis, serotioni syndrome, and death have been reported. Published retrospective studies report that venifaxine overdosage may be associated with an increased risk of fatal outcomes compared to that observed with SSRI hutdepressant products, but lower than that for theycicic antidepressants. Epidemiological studies have shown that venifaxine treated patients have a higher pre-existing burden of suicide risk factors than SSRI-treated patients. The extent to which the finding of an increased risk of fatal outcomes can be attributed to the toxicity of venifatavine in overdosage, as opposed to some characteri This brief summary is based on Pristig Prescribing Information W10529C009, revised September 2009

261837-01 © 2009 Pfizer Inc. All rights reserved. December 2009