Migraine Associated With Psychiatric Disorders

BY ALICIA AULT

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CHICAGO — Major depressive disorder, bipolar disorder, panic disorder, and social phobia were diagnosed twice as often in those with migraine as in those without headache in a major Canadian population survey, Dr. Nathalie Jette said at the American Headache Society meeting.

The data came from the Canadian Community Health Survey, which was conducted in 2002, said Dr. Jette, of the clinical neurosciences department at the University of Calgary, Alta.

Many studies have shown an association between migraine and psychiatric conditions; the goal of this study was to determine potential impact on health outcomes and implications for health policies in Canada, Dr. Jette said. Patients with migraine and psychiatric comorbidities tend to use more health resources; identifying them can lead to more preventive treatment and better-targeted therapies, Dr. Jette said.

Some 36,984 Canadian residents were randomly selected for the survey. Of these, 70% agreed to participate; all the subjects were interviewed at home by trained interviewers, she said.

Dr. Jette said that he estimated lifetime prevalence of migraine in Canada is 7%-17%. In the survey, 15% of women and 6% of men self-reported that they had physician-diagnosed migraine. Mental health was assessed using the World Health Mental Composite International Diagnostic Interview

As has been seen in other studies, migraine was most prevalent among lowerincome respondents. Married respondents were less likely to have migraine than were those who were widowed, separated, or divorced, Dr. Jette said.

Psychiatric comorbidities were twice as common in those with migraine than in those without. After assessing the data, the researchers found that the higher prevalence of psychiatric disorders in migraineurs was not related to sociodemographics.

Major depression and bipolar disorder were more common among migraineurs. Middle- and higher-income respondents were less likely to have either condition, regardless of headache status, Dr. Jette said.

The authors also analyzed survey data on health-related outcomes, including 2week disability, restrictions on activities, quality of life, and use of mental health care. They found that patients with a combination of migraine and major depressive disorder, bipolar disorder, panic disorder, or social phobia had a reduced likelihood of a good health outcome.

The study's strengths included its high participation rate and that it was a representative sample, said Dr. Jette, who reported no conflicts of interest. But, she noted, it did not use International Classification of Headache Disorder (ICHD) criteria, and it is cross-sectional, which she said limits inference on causal mechanisms for the relationship between migraine and psychiatric conditions.

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DicATION AND USAGE

ention Deficit Hyperactivity Disorder (ADHD): Daytrana™ (methylphenidate transdermal system) is indicated for the
atment of Attention Deficit Hyperactivity Disorder (ADHD) and is available in 10, 15, 20, and 30 mg dosing strengths. The

retardment of Attention Delicit Hyperactivity Disorder (ADID) and is available in 10, 15, 20, and 30 mg dosing strengths. The efficacy of DaytranaTM was established in two controlled clinical trials in children with ADHD. Special Disposits Considerations: Specific elology of this syndrome is unknown, and there is no single diagnostic test. Adequate diagnosis requires the use not only of medical but of special psychological, educational, and social resources. Learning any or may not be impaired. The diagnosis must be based upon a complete history and evaluation of the child and not solely on the presence of the required number of DSM-IV-TR* characteristics. Need for Comprehensive Treatment Program: DaytranaTM is indicated as an integral part of a total treatment program for ADHD that may include other measures (psychological, educational, social) for patients with this syndrome. Drug treatment any not be indicated for all children with this syndrome. Stimulants are not intended for use in the child who exhibits symptoms secondary to environmental factors and/or other primary psychiatric disorders, including psychosis. Appropriate educational placement is essential and psychosocial intervention is often helpful. When remedial measures alone are insufficient, the decision to prescribe stimulant medication will depend upon the physician's assessment of the chronicity and everify of the child's symptoms.

Long-Term Use: The effectiveness of DaytranaTM for long-term use, i.e., for more than 7 weeks, has not been systematically evaluated in controlled trials. The physician who elects to use DaytranaTM for extended periods should periodically re-evaluate the long-term usefulness of DaytranaTM for the individual patient.

CONTRAINDICATIONS.

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ptoms.

DaytranaTM is contraindicated in patients known to be hypersensitive to hyphenidate or other components of the product (polyester/ethylene vinyl acetate laminate film backing, acrylic adhesive, one adhesive, and fluoropolymer-coated polyester.

Louriana Tender of the contraindicated in patients with glaucoma.

DaytranaTM is contraindicated in patients with glaucoma.

ADVERSE REACTIONS)

jameralized skin eruptions in previously unaffected skin. Other systemic reactions may include headacne, tever, maiaise, artitierus, a committing.

Patients who develop contact sensitization to Daytrana™ and require oral treatment with methylphenidate should be previously and interest that some patients sensitized to methylphenidate by exposure to Daytrana™ may not be able to take methylphenidate in any form.

A study designed to provoke skin sensitization revealed a signal for Daytrana™ to be an irritant and also a contact sensitizer. This study involved an induction phase consisting of continuous exposure to the same skin site for 3 weeks, followed by a 2 where the properties of the study. Daytrana™ was more irritating than both the peckop patch control and the negative control (saline). Of 135 subjects who participated in the challenge phase of the sensitization study, at least 18 (13.5%) were confirmed to have been sensitized to Daytrana™ based on the results of the hallenge afford rectallenge, therating application sites on the high no cases of contact sensitization were reported. However, since patients were not specifically assessed for sensitization in the clinical effectiveness studies, it is unknown what he revolution is when Daytrana™ is used as directed.

stimulants may exacerbate symptoms of behavior disturbance and thought disorder in patients with a pre-

ents Using External Heat: All patients should be advised to avoid exposing the Daytranal* application site to direct mail hard sources, such as heating pasts, electric blankts, heated water beds, etc., while wearing the patch. There is a middle (Ministring). Periodic Constitution of the patch of the pat

Continuous Breeding study. The study was conducted at doses up to 160 mg/kg/day.

Pregnancy Category C: Animal reproduction studies with transdermal methylphenidate have not been performed. In a study in which oral methylphenidate was given to pregnant rabbits during the period of organogenesis at doses up to 200 mg/kg/day no teratogenic effects were seen, although an increase in the incidence of a variation, dilation of the lateral ventricles, was seen at 20 mg/kg/day. In a study in which oral methylphenidate was given to pregnant rats during method or organogenesis at doses up to 100 mg/kg/day. In a study in which oral methylphenidate was given to pregnant rats during in feal skeletal ossification was seen at doses of 60 mg/kg/day. In a study in which oral methylphenidate was given to pregnant rats during in a study in which oral methylphenidate was given to pregnant rats during in a study in which oral methylphenidate was given to pregnant rats during in a study in which oral methylphenidate was given to rats throughout pregnancy and lactation at doses up to 60 mg/kg/day and above; these doses caused some maternal toxicity.

In a study in which oral methylphenidate was given to rats throughout pregnancy and lactation at doses up to 60 mg/kg/day, offspring weights and survival were decreased at 40 mg/kg/day and above; these doses caused some maternal toxicity.

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TABLE 1: Most Commonly Reported Treatment-Emergent Adverse Events (≥ 5% and 2x Placebo) in a 7-week Placebo-controlled Study			
		Number (%) of Subjects	
	Reporting Adverse Events		
Adverse Event	Daytrana™	Placebo	
	(N = 98)	(N = 85)	
Number of Subjects With		_	
≥ 1 Adverse Event	74 (76)	49 (58)	
Nausea	12 (12)	2 (2)	
Vomiting	10 (10)	4 (5)	
Nasopharyngitis	5 (5)	2 (2)	
Weight decreased	9 (9)	0 (0)	
Anorexia	5 (5)	1 (1)	
Decreased appetite	25 (26)	4 (5)	
Affect lability*	6 (6)	0 (0)	
Insomnia	13 (13)	4 (5)	
Tic	7 (7)	0 (0)	
Nasal congestion	6 (6)	1 (1)	

Psychosocial Risk Factors Weigh on **Heart Patients**

WASHINGTON — Psychosocial risk factors contribute a level of risk for cardiovascular events in clinically symptomatic women that is similar to the traditional major risk factors, Thomas Rutledge, Ph.D., reported at the annual meeting of the Society of Behavioral Medicine.

Dr. Rutledge and his associates prospectively studied the risk factors of smoking, hypertension, diabetes, dyslipidemia, inactivity, obesity, depression, and social isolation in a cohort of 734 women with clinical symptoms of myocardial ischemia. Each underwent coronary angiography and psychosocial testing. About 30% of the patients had one event during a follow-up of 6 years.

The women were clinically symptomatic, but the rate of obstructive coronary artery disease was relatively low (39%). Risk factors tended to cluster, which was associated with about a threefold increase from the lowest group to the highest group in death and CVD rates. Those events occurred in 12% of women with none or one risk factor, 19% with two to three risk factors, and 30% with four to six risk factors. The magnitude of the effects for depression and social isolation was comparable with those for the major CVD risk factors.

—Jeff Evans