Sleep Study Demonstrates Poor CPAP Compliance

BY SHARON WORCESTER

Southeast Bureau

SALT LAKE CITY — Continuous positive airway pressure adherence rates are suboptimal, findings from a study of sleep clinic patients suggest.

Of 528 adults diagnosed with obstructive sleep apnea and followed for a mean of 5 months, 63% had relatively poor adherence (use of less than 4 hours per night), 21% had adequate adherence (use of 4-6 hours

per night), and only 16% had optimal adherence (use of more than 6 hours per night). Mean adherence was 3.1 hours per night, Carl Stepnowsky, Ph.D., reported at the annual meeting of the Associated Professional Sleep Societies.

Adherence was specifically defined as use at the prescribed pressure, and was measured by an internal clock. Baseline disease severity correlated with higher levels of adherence.

Patients had a mean age of 59 years, and

most had moderate to severe obstructive sleep apnea, with a mean apnea-hypopnea index of 38.8 events per night. Mean change scores (0.68 pounds in weight, –1.6 mm Hg in diastolic blood pressure, and –2.6 mm Hg in systolic blood pressure) were not statistically different from zero, noted Dr. Stepnowsky of the VA San Diego Healthcare System.

The findings are of concern, he said, because suboptimal use of continuous positive airway pressure therapy leads to ineffective treatment and can increase the risk of morbidity and mortality.

A closer look at adherence rates showed that patterns of adherence were established as early as the first night of therapy, suggesting that preexisting factors might explain these patterns. Further studies in large, U.S.-based populations are needed to replicate these findings, as are studies to help identify the factors associated with adherence and to develop tools for improvement, he said.

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BRIEF SUMMARY. See package insert for full prescribing information

Suicidality in Children and Adolescents

Antidepressants increased the risk of suicidal thinking and behavior (suicidality) in short-term studies in children and adolescents with Major Depressive Disorder (MDD) and other psychiatric disorders. Anyone considering the use of EFFEXOR XR or any other antidepressant in a child or adolescent must balance this risk with the clinical need. Patients who are started on therapy should be 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. EFFEXOR XR is not approved for use in pediatric patients. (See Warnings and Precautions: Pediatric Use.)

Padel analyses of short-term (4 to 16 weeks) placebo-controlled trials of 9 antidepressant drugs (SSRIs and others) in children and adolescents with Major Depressive Disorder (MDD), obsessive-computisve disorders (ICCD), or other psychiatric disorders (a total of 24 trials involving over 4,400 patients) have revealed a greater risk of adverse events representing suicidal thinking or behavior (suicidality) during the first few months of treatment in those receiving antidepressants. The average risk of such events in patients receiving antidepressants was 4%, twice the placebo risk of 2%. No suicides occurred in these trials.

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CONTRAINDIATONIS Hypersensitivity to venification byterioride or to any excipients in the formulation. Concomitant use in patients taking monoamine oridaze inhibitors (MAOIs). MRNINGS: Clinical Worsening and Suicide Risk—Patients with major depressive disorder (MIDD), both adult and pediatric may experience or 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. There has been a long-standing concern that antidepressants may have a role in inducing worsening of depression and the emergence of suicidality in certain patients. Antidepressants increased the risk of suicidal thinking and behavior (suicidality) is short-term studies in children and adolescents with MDD and other sychiatric disorders. It is unknown whether the suicidality risk extends to adults. All pediatric patients being treated with antidepressants for any indication should be observed closely for clinical with antidepressants for any indication should be observed closely for clinical with antidepressants for any indication should be observed closely for clinical with antidepressants for any other psychiatric liness being treated with antidepressants should be other psychiatric liness being treated with antidepressants should be other psychiatric liness being treated with antidepressants should be changes, either increases or decreases. Anxiety, aquation, panic attacks, insoma, and mania have been reported in adult and pediatric patients being reated with antidepressants should be changes, either increases or decreases. Anxiety, aquation, panic attacks, insoma, and mania have been reported in adult and pediatric patients being reated with antidepressants in patients. Which are applicable propersion and of the emergence of suicidal impulses has not been established, there is concern that such symptoms may represent procursors to wo

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