Vitamin E's Impact on Cognition Appears Negligible

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Contributing Writer

itamin E supplementation does not appear to confer a benefit in cognitive decline in women after 10 years, results of a randomized, doubleblind, placebo-controlled study show.

These results, based on an analysis of data from the Women's Health Study, found no significant cognitive differences in 6,377 women at least 65 years of age who

alternated taking 600 IU vitamin E and 100 mg low-dose aspirin every other day or placebo. The subjects initially were evaluated 5.6 years after randomization and at a follow-up visit an average of 4 years later (Arch. Intern. Med. 2006;166:2462-8).

Verbal memory, Telephone Interview of Cognitive Status scores, and category fluency (which reflects executive retrieval functions) were also not significantly different between groups at the follow-up analysis, noted Dr. Jae Hee Kang of the

Brigham and Women's Hospital in Boston, and colleagues in their report.

Changes in cognitive function over time also were similar with vitamin E and placebo, though vitamin E was associated with a 15% lower risk of substantial verbal memory decline that reached borderline statistical significance.

Women who exercised less than once week did gain slightly more benefit from vitamin E in terms of cognitive decline. However, the investigators found that women who exercised at least once per week had no mean change in global cognitive score, and thus, no benefit from vitamin E could be detected.

Vitamin E also proved more beneficial in women without diabetes than in women with diabetes.

The investigators suggested that a longer duration might be needed to show a cognitive benefit with vitamin E, though they noted that other studies have failed to show such a benefit.

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Increased Mortality in Elderly Patients with Dementia-Related Psychosis: Elderly patients with dementia-related psychosis treated with atypical antipsychotic drugs are at an increased risk of death compared to placebo. Analyses of seventeen placebo-controlled trials (modal duration of 10 weeks) in these patients revealed a risk of death in the drug-treated patients of between 1.6 to 1.7 times that seen in placebo-treated patients. Over the course of a typical 10 week controlled trial, the rate of death in drug-treated patients was about 4.5%, compared to a rate of about 2.6% in the placebo group. Although the causes of death were varied, most of the deaths appeared to be either cardiovascular (eg, heart failure, sudden death) or infectious (eg, pummonia) in nature. SEROUUEL (queitaipine) is not approved for the treatment of patients with Dementia-Related Psychosis.

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 SEROUUEL 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. SEROUUEL is not approved for use in pediatric patients. (See WARNINGS and PRECAUTIONS), Pediatric Use). Pooled analyses of shorterm (4 to 16 weeks) placebo-controlled trials of 9 antidepressant drugs (SSRis and others) in children and adolescents with major depressive disorder (MDD), obsessive compulsive disorder (OCD), or other psychiatric disorders (a total of 24 trials involving over 4400 patients) have revealed a great

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WARNINGS: Increased Mortality in Elderly Patients with Dementia-Related Psychosis: Elderly patients with dementia-

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In patients headed with adjusted adaptophotics, including SEROUEL Assessment of the relationship between abjusted antisporchic use and glucuse absorbance in complicate by the possibility of an increased background risk of diabetes and the process of the control of the process of the