Lacking Alternatives, MDs Stick With Atypicals

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Mid-Atlantic Bureau

MADRID — Prescriptions for atypical antipsychotics have not decreased significantly among elderly patients with dementia, despite the black box warning of an increased risk of death associated with the drugs, according to Henry Riordan, Ph.D., speaking at the 10th International Conference for Alzheimer's Disease and Related Disorders.

Overall, prescribing has declined only 2.4%, even though the number of new prescriptions issued has decreased by 37%, Dr. Riordan said at the meeting presented by the Alzheimer's Association.

This pattern probably reflects physicians' perceptions that the clinical benefits of the drugs outweigh their well-documented risks for older dementia patients with serious behavioral issues.

More than 80% of Alzheimer's patients will eventually develop psychotic symptoms, said Dr. Riordan, vice president and global head of medical and scientific affairs for I3 Research in Basking Ridge, N.J. "These are the issues that typically result in institutionalization and take a big chunk out of these patients' quality of life," he said in an interview.

The problem lands patients, families, and physicians on the horns of a very sharp dilemma. "Withholding the drugs is Alzheimer's patients lop psychotic symp in the property of the psychotic symp in the psy dangerous, especially when you are dealing with behavior that can be either selfinjurious or harmful to caregivers," Dr. Riordan said, but the risks of atypical antipsychotics were well documented years before the Food and Drug Administration's warning.

Fifteen of the 17 randomized atypical antipsychotic trials the FDA reviewed found a significantly increased risk of death—usually cardiovascular or infectious—among elderly, demented patients taking the drugs, compared with placebo. The resultant black box warning highlighted the danger and reiterated that the drugs are not approved for the treatment of patients with dementia-related

To estimate the impact of the black box warning on prescribing patterns, Dr. Riordan examined claims data from a large U.S. health plan, for 10 months before and 10 months after the 2005 warning was issued. The database included 900,000 people older than 65 years of age; 20,515 had a diag-

Physicians responded to the black box warning by taking patients younger than 81 years off atypical antipsychotics while leaving older patients on.

nosis of dementia. Of those, 5,000 were taking at least one atypical antipsychotic before the black box warning.

Ten months after the warning, 4,883 people were still taking drugs. New prescriptions had decreased sig-

nificantly, however, declining from 3,423 to 2,148. "This probably tells us that if you were on the drug, you stayed on it, but that physicians might have been looking at something else for patients with new symptoms.'

A supporting pattern emerged when Dr. Riordan broke down the data by age: Prescriptions decreased more among patients younger than 81 (5%) than they did among older patients (0.73%). "Here we're probably seeing a risk-benefit ratio that's perceived as different for older people," Dr. Riordan said.

'If someone has been on it with good efficacy, it would probably just be continued. But the physician's thought process might be very different for someone younger, in the earlier stages of the disease," according to Dr. Riordan.

Among the six drugs included in the study (aripiprazole, clozapine, ziprasidone, risperidone, quetiapine, and olanzapine), only two showed significant pre- and postwarning prescribing changes. Prescriptions for quetiapine increased significantly, while those for olanzapine decreased significantly.

"It could be that quetiapine is being used more now for its sedative effect in sleep difficulty, and clozapine less due to its issues with increasing cardiovascular

Dr. Riordan now is investigating whether the decrease in new prescriptions caused any similar increases in prescriptions for alternative treatments, like mood stabilizers or antianxiolytics.

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WARINIGS: Neuropsychiatric Adverse Events: Adults in the following categories: 1) somnolence and fatigue, 2) coordination difficulties, and 3) behavioral abnormalities. In controlled trials of adult patients with the pilepsy, 14.5% of the EPPAR-treated patients and in 0.9% of placebo group. About 3% of KEPPRA-treated patients and in 0.9% of placebo group. About 3% of KEPPRA-treated patients and in 0.9% of placebo patients. In 1.4% of treated patients and in 0.9% of placebo patients. In 4.4% of treated patients and in 0.9% of placebo patients. Treatement was discontinued in 0.8% of treated patients accompaned to 0.5% of placebo patients. In 4.6% of KEPPRA-treated patients as companed to 0.5% of placebo patients as companed to 0.5% of placebo patients. In 0.5% of treated patients accompaned to 0.5% of placebo patients in 0.5% of placebo patients in 0.6% of treated patients accompaned to 0.5% of placebo patients. In 0.5% of treated patients accompaned to 0.5% of placebo patients in 0.6% of treated patients accompaned to 0.6% of placebo patients. In 0.6% of treated patients and in 0.2% of placebo patients.

of 3.0% of KEPPAL-treated patients discontinued treatment due to psychotic and nonpsychotic adverse events, compared to 4.1% of placebo patients. Withdrawal Sezizers: Antiepileptic drugs, including KEPPA, should be withdrawan gradully for minimize the potential of increased sezizer frequency.

PRECAUTIONS: Hematologic Ahnormalities: Adults Minor, but statistically significant, decreases compared to placebo in total mean RBG count (0.03 x 10/mm²) mean benegobin (0.08 qu'dl), and mean hematocin (0.8%), were seen in KEPPAL-treated patients in controlled trials. A total of 3.2% of treated and 1.8% of placebo patients had at least one possibly significant (s.2.8 x 10/m²) decreased MBG, and 2.4% of treated and 1.4% of placebo patients had at least one possibly significant (s.2.8 x 10/m²) decreased MBG, and 2.4% of treated and 1.4% of placebo patients had at least one possibly significant (s.2.8 x 10/m²) decreased hemitophil count. Of the treated patients with a low neutrophil count, all but one rose towards or to baseline with continuent treatment. No patient visated and 1.4% of placebo patients had at least one possibly significant (s.2.8 x 10/m²) decreased neutrophil count. Of the treated patients with a low neutrophil count all but one rose towards or to baseline with continuent treatment. No patient visate discontinuent secondary to how neutrophil counts. Patients and the secondary low neutrophil counts were seen in KEPPAL-treated visate and secondary to how the controlled trials. Of the secondary low neutrophil counts are secondary to how the controlled trials of the secondary low neutrophil counts are secondary low newtrophil counts. Secondary low newtrophil counts are secondary low newtrophil counts are secondary low to the secondary low newtrophil counts are secondary low newtrophil counts. Secondary low newtrophil counts are secondary low newtrophil counts are secondary low newtrophil counts are secondary low newtrophil counts. Secondary low newtrophil counts are secondary low newtrophil counts are secondary

Carcinogenesis, Mutagenesis, Impairment Of Fertility: Carcinogenesis: Rats were dosed with levetiracetam in the diet for 104 weeks at doses of 50, 300 and 1800 mg/kg/day. The highest dose corresponds to 6 times the maximum recommended daily human dose (MRHD) of 3000 mg on a mg/m² basis and it also provided systemic exposure (AUC) approximately 6 times that achieved in humans receiving the MRHD. There was no evidence of carcinogenicity. A study was

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