Color Change Can Be Earliest Sign of Melanoma

BY TIMOTHY F. KIRN Sacramento Bureau

VANCOUVER, B.C. — Color change, in addition to color variegation, often heralds melanoma, thus bolstering the need for adding an E to the ABCD mnemonic for melanoma detection, Dr. Robert J. Friedman said at the Sixth World Congress on Melanoma.

The color change appears to occur often before a melanoma exhibits a change in diameter, meaning it can signal a melanoma long before its diameter reaches 6 mm, said Dr. Friedman, an originator of the ABCD mnemonic for melanoma

Dr. Friedman said he recently followed 24 very small lesions (2.3-5.7 mm in diameter) that, when removed after a period of observation, were found to be melanomas

In 17 of the 24 lesions, color was the first change noted, followed by a change in diameter, and then the appearance of asymmetry.

Only two of the lesions were invasive; both had a diameter greater than 4 mm. This is consistent with previous observations that melanomas can begin to become invasive when they reach a size of 4 mm in diameter and start to form nests of melanocytes, said Dr. Friedman of New York University, New York

The fact that melanomas can become invasive at 4 mm in diameter, and before they reach a diameter of 6 mm underscores the importance of early detection,

'Melanoma may undergo transformation from an in situ lesion to an invasive lesion, even when it is relatively small," Dr. Friedman said.

The ABCD criteria for melanoma detection are: A for asymmetry; B for irregular borders; C for multiple colors; and D for a diameter greater than 6 mm.

Dr. Friedman and his group proposed adding the E, for evolution or any change in a nevus, in 2004, in part to improve the criteria for detecting melanomas with a diameter less than 6 mm, for detecting nodular melanomas, and for detecting the 10% of melanomas that do not meet A, B, C, or D.

Statins to Prevent Melanoma? No Clear Answer Yet

The jury is still out, but for now there I is no clear evidence that statins or fibrates can decrease the risk of melanoma, according to a new review of studies conducted by The Cochrane Collaboration.

Investigators for the international organization, which conducts systematic

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reviews and issues evidencebased conclusions medical practice, identified 16 qualifying randomized controlled tri-(7 statins, 9 on fibrates), 13 of

which provided data on incident melanomas. Investigators also requested unpublished melanoma outcomes data from study authors.

There were 66 reported melanomas in patients receiving the experimental drug and 86 in patients receiving placebo and other control therapies in the trials, which included more than 62,000 patients, according to the Cochrane review.

The outcomes data "[do] not exclude the possibility that these drugs prevent melanoma," since there was a 10% and 42% reduction in melanoma for patients taking statins and fibrates, respectively, the investigators say in the review, which was led by Dr. Robert Dellavalle of Denver Veterans Affairs Medical Center.

The results were not statistically significant, however, and trials of cancer and statins should continue in order to further address suggestions raised by case-control, in vitro, and animal model studies.

The trials included in the review all involved random allocation of study participants, the use of statins or fibrates in isolation in the studies' experimental groups, and the administration of therapy for at least 4 years.

Table 3. Adverse Events Reported in Controlled Clinical Trials in at Least 2% of Patients Receiving ARICEPT® and at a Higher Frequency than Placebo-treated Patients

Body System/Adverse Event	Placebo (n=355)	ARICEPT® (n=747)	
Percent of Patients with any Adverse Event	72	74	
Body as a Whole			
Headache	9	10	
Pain, various locations	8 6	9	
Accident	6	7	
Fatigue	3	5	
Cardiovascular System			
Syncope	1	2	
Digestive System			
Nausea	6	11	
Diarrhea	5	10	
Vomiting	5 3 2	5	
Anorexia	2	4	
Hemic and Lymphatic System			
Ecchymosis	3	4	
Metabolic and Nutritional Systems			
Weight Decrease	1	3	
Musculoskeletal System			
Muscle Cramps	2	6	
Arthritis	1	2	
Nervous System			
Insomnia	6	9	
Dizziness	6	8	
Depression	<1	3	
Abnormal Dreams	0	3 3	
Somnolence	<1	2	
Urogenital System			
Frequent Urination	1	2	
Other Adverse Events Observed During Clinical Trials	ARICEPT® has been admin	istered to over 1700 indiv	viduals during clini

and heart rate have been reported with other cholinomimelics when co-administered with qualermary anticholinergics such as glycopyrrolate. It is not known whether ARICEPT® and/or its metabolities can be removed by dialysis (hemodialysis, pertioneal dialysis, or hemofiliration). Dose-related signs of toxicity in animals included reduced spontaneous movement, prone position, staggering gait, lacrimation, cloric convulsions, depressed respiration, salivation, miosis, fremors, fasciculation and lower body surface temperature. DOSAGE AND ADMINISTRATION The dosages of ARICEPT® shown to be effective in controlled clinical trials are 5 mg and 10 mg administered once per day. The higher dose of 10 mg did not provide a statistically significantly greater clinical benefit than 5 mg. There is a suggestion, however, based upon order of group mean scores and dose trend analyses of data from these clinical brials, that a daily dose of 10 mg of ARICEPT® might provide additional benefit for some patients. Accordingly, whether or not to employ a dose of 10 mg is a matter of prescriber and patient preference. Evidence from the controlled trials indicates that the 10 mg dose, with a one week titration, is likely to be associated with a higher incidence of cholinergic adverse events than the 5 mg dose. In open label trials using a 6 week titration, the frequency of these same adverse events was similar between the 5 mg and 10 mg dose groups. Therefore, because steady state is not achieved for 15 days and because the incidence of untoward effects may be influenced by the rate of dose escalation, treatment with a dose of 1 mg should not be contemplated until patients have been on a daily dose of 5 mg for 4 to 6 weeks. ARICEPT®/ARICEPT® ODT tablet to dissolve on the tongue and follow with water.

ARICEPT® (Donepezil Hydrochloride Tablets)

ARICEPT® ODT (Donepezil Hydrochloride) Orally Disintegrating Tablets

Brief Summary—see package insert for full prescribing information. INDICATIONS AND USAGE ARICEPT® is indicated for the treatment of mild to moderate dementia of the Alzheimer's type. CONTRAINDICATIONS ARICEPT® is contraindicated in patients with know hypersensitivity to donepezil Hydrochloride or to piperdine derivatives. WARNINGS Anesthesia: ARICEPT® as a cholinesterase inhibitor, is likely to exaggerate succinylcholine-type muscle relaxation during anesthesia. Cardiovascular Conditions: Because of their pharmacological action, cholinesterate block in patients both with and without known underlying cardiac conduction abnormalities. Syncopal episodes have been reported in association with the use of ARICEPT®. Castrointestinal Conditions: Through their primary action, cholinesterase inhibitors may be expected to increase gastric acid secretion due to increase accordance and the properties of the properties of the conditions of the conditions. Through their primary action, cholinesterase inhibitors may be expected to increase gastric acid secretion due to increase activity. Therefore, patients should be monitored closely for symptoms of active or occull gastrointestinal bleeding, especially those at increased risk for developing ulcers, e.g., those with a history of ulcer disease or those receiving concurrent nonsteroidal anti-inflammatory drugs (NSAIDS). Clinical studies of ARICEPT® have shown no increase, relative to placebo, in the incidence of either peptic ulcer disease or gastrointestinal bleeding. ARICEPT®, as a predictable consequence of its pharmacological properties, has been shown to produce diarrhea, nausea and vomiting. These effects, be monitored closely for symptoms of active or occult gastrointestinal bleeding, especially those at increased risk for developing ubers, e.g., those with a history of uber disease or those receiving concurrent nonsteroidal anti-inflammatory drugs (NSAIDS). Clinical studies of ARICEPT® have shown no increase, relative to placebo, in the incidence of either peptic user diseases or gastrointestiral bleeding. ARICEPT®, as a predictable consequence of its pharmacological properties, has been shown to produce diarries, nausea and vomitting. These effects, when they occur, appear more frequently with the 10 mg/day dose than with the 5 mg/day dose. In most cases, these effects have been mild and transient, sometimes lasting one to three weeks, and have resolved during continued use of ARICEPT®. Genitourinany: Although not observed in clinical traits of ARICEPT®, cholinomimetics may cause bladder outlibow distruction. Neurological Conditions: Seazures Cholinomimetics are believed to have some potential to cause generalized convulsions. However, sezure activity also may be a manifestation of Alzheimer's Disease. Pulmonary Conditions: Because of their cholinomimetic actions, cholinesterase inhibitors should be prescribed with care to patients with a history of sathma or obstructive pulmonary disease. PRECAUTIONS Drug-Drug Interactions; See Clinical Pharmacology. Clinical Pharmacoknetics: Drug-drug Interactions; Effect of ARICEPT® in the Metabolism of Other Drugs. No in vivo clinical trials have investigated the effect of ARICEPT® in the clearance of drugs metabolised by CVP 3A4 (e.g. disapride, tetreacting) or the Metabolism of ARICEPT® in the clearance of drug metabolism of ARICEPT® in the clearance of drugs metabolism by CVP 3A4 (e.g. disapride, tetreacting) or the Metabolism of ARICEPT® in the pharmacokinetics of these drugs were observed. Effect of Other Drugs on the Metabolism of ARICEPT® (in equilibrium) and the potential or interference. Whether ARICEPT® is any operation of the potential or interference. Whether A

Table 1. Most Frequent Adverse Events Leading to Withdrawal

from Controlled Clinical Trials by Dose Group						
Dose Group	Placebo	5 mg/day ARICEPT®	10 mg/day ARICEPT®			
Patients Randomized Event/% Discontinuing	355	350	315			
Nausea	1%	1%	3%			

Vomting <1% <2%

Most Frequent Adverse Clinical Events Seen in Association with the Use of ARICEPT® The most common adverse events, defined as those occurring at a frequency of all teast 5% in patients receiving 10 mg/day and twice the placebo rate, are largely predicted by ARICEPT®'s cholinomizetic effects. These include nausea, diarrhea, insomnia, vomiting, muscle cramp, tatigue and anorexia. These adverse events were often of mild intensity and transient, resolving during continued ARICEPT® treatment without the need for dose modification. There is evidence to suggest that the frequency of these common adverse events may be affected by the rate of to triation. An open-label study was conducted with 269 patients who received placebo in the 15 and 30-week studies. These patients were lititated to account of 10 mg/day over a 6-week period. The rates of common adverse events were lower than those seen in patients titrated to 10 mg/day over one week in the controlled clinical trials and were comparable to those seen in patients on 5 mg/day. See Table 2 for a comparison of the most common adverse events following one and six week titration regimens.

Table 2. Comparison of Rates of Adverse Events in Patients

Titrated to 10 mg/day Over 1 and 6 Weeks						
Adverse Event	No titration		One week titration	Six week titration		
	Placebo (n=315)	5 mg/day (n=311)	10 mg/day (n=315)	10 mg/day (n=269)		
Nausea	6%	5%	19%	6%		
Diarrhea	5%	8%	15%	9%		
Insomnia	6%	6%	14%	6%		
Fatigue	3%	4%	8%	3%		
Vomiting	3%	3%	8%	5%		
Muscle cramps	2%	6%	8%	3%		
Anarouia	20/	20/	70/	20/		

Adverse Events Reported in Controlled Trials The events cited reflect experience gained under closely monitored conditions of clinical trials in a highly selected patient population. In actual clinical practice or in other clinical trials, these frequency estimates may not apply, as the conditions of use, reporting behavior, and the kinds or platents headen my differ. Table 1 is sis treatment emergent signs and symptoms that were reported in at least 29 of patients in placebo-controlled trials who received ARICEPT® and for which the rate of occurrence was greater for ARICEPT® assigned than placebo assigned patients. In general, adverse events occurred more frequently in female patients

