Drinking Behavior Assessed Among Hispanics

BY KERRI WACHTER

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WASHINGTON — Drinking behavior varies considerably across Hispanic national groups, with Puerto Rican men, Mexican men, and Puerto Rican women at the greatest risk for binge drinking.

In a study of more than 5,000 Hispanics, Mexican American men reported the greatest rate of binge drinking at least once a month; Puerto Rican men reported the greatest rate of binge drinking less than once a month.

Among women, Puerto Ricans had the greatest rate of binge drinking less than once an month and at least once a month, reported Suhasini Ramisetty-Mikler, Ph.D., in a poster presented at a joint meeting sponsored by the Research Society on Alcoholism and the International Society for Biomedical Research on Alco-

Dr. Ramisetty-Mikler, of the epidemi-

ology department at the University of Texas in Dallas, and her colleagues surveyed 5,224 individuals 18 years and older (50.3% male). Participants belonged to one of four Hispanic national groups: Puerto Ricans (25.6%), Cuban Americans (25.4%), Mexican Americans (24.7%), and South/Central Americans (24.4%). Participants lived in one of five metropolitan areas-Miami, New York, Philadelphia, Houston, and Los Angeles.

The surveys were computer-assisted

personal interviews that lasted 1 hour on average and were conducted in the respondent's home.

Variables included in the model were drinking status (current, ex-drinkers, lifetime abstainers), average number of drinks per week (over the last 12 months), frequency of binge drinking (over the last 12 months), age of initiation, Hispanic national origin, birthplace, and other socioeconomic variables (age, marital status, education, income). Binge drinking was defined as four standard drinks for women or five standard drinks for men within a 2hour period.

Overall, men had greater drinking rates than women. Drinking rates were greatest for younger individuals (18-29 years and 30-39 years). However, Mexican American women were an exception, with an increase in drinking among women aged

The study was supported by a grant from the National Institute on Alcohol Abuse and Alcoholism.

50 years and older.

Expectations Lowered for Disulfiram

VIENNA — Disulfiram has a far more truncated role in the treatment of cocaine dependence than once envisioned. Frank J. Vocci, Ph.D., said at the annual congress of the European College of Neuropsychopharmacology.

When the first signals appeared that disulfiram (Antabuse) was effective in treating cocaine dependence, addiction specialists were excited at the prospect of finally having a drug for dual cocaine/alcohol dependence—a common problem that is extremely difficult to treat.

It seemed logical, given that disulfiram has been approved by the Food and Drug Administration for the treatment of alcohol dependence for more than 55 years.

But it was not to be, said Dr. Vocci, director of the division of pharmacotherapies and medical consequences of drug abuse at the National Institute of Mental Health, Bethesda, Md.

Indeed, analysis of the aggregate data from all clinical trials of disulfiram to date-and disulfiram is the best-studied medication for cocaine dependence-indicates that while the drug does result in a mild to moderate reduction in cocaine use, the benefit is restricted to those people who are not alcohol users during the study period.

Moreover, a striking gender disparity was found: Disulfiram simply is not effective in women, who account for roughly half of the more than 3 million long-term cocaine users in the United States.

The current thinking is that disulfiram is effective in cocaine users who have a variant of the dopamine beta-hydroxylase gene.

Brief Summary—see package insert for full prescribing information.

ARICEPT* (Donepezil Hydrochloride Tablets)

ARICEPT* ODT (Donepezil Hydrochloride) Orally Disintegrating Tablets

INDICATIONS AND USAGE ARICEPT* is indicated for the treatment of dementia of the Alzheimer's type. Efficacy has been demonstrated in patients with mild to moderate Alzheimer's Disease, as well as in patients with severe Alzheimer's Disease.

CONTRAINDICATIONS ARICEPT* is contraindicated injudents with known hypersensitivity to donepezil hydrochloride or injudents in the contraining the con piperidine 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, cholinesterase inhibitors may have vagotonic effects on the sinoatrial and atrioventricular nodes. This effect may manifest as bradycardia or heart block inhibitors may have vagotonic effects on the sinoatrial and afroiventricular nodes. This effect may manifest as bradycardia or heart block in patients both with and without known underlying cardiac conduction abnormalities. Syncopal episodes have been reported in association with the use of ARICEPT". **Gastrointestinal Conditions:** Through their primary action, cholinesterase inhibitors may be expected to increase gastric acid secretion due to increased cholinergic activity. Therefore, patients should be monitored closely for symptoms of active or occult 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. Arising predictable in progressing and production of the progressing and progressing and progressing progressing the part production. These 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, 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". Genilourinary: Although not observed in clinical trials of ARICEPT", holinomimetics may cause bladder outflow obstruction. Neurological Conditions: Scizures: Cholinomimetics are believed to have some potential to cause generalized convulsions. However, scizure 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 asthma or obstructive pulmonary disease. PRECAUTIONS Drug-Drug Interactions (see Clinical Pharmacokinetics: Drug-drug Interactio pulmonary disease. PRECAUTIONS Drug-Drug Interactions (see Clinical Pharmacology, Clinical Pharmacokinetics: Drug-drug Interactions). Effect of ARICEPT" on the Metabolism of Other Drugs: No in vivo clinical trials have investigated the effect of ARICEPT" on the clearance of drugs metabolized by CVP 33A (e.g. cisapride, terfenadine) or by CVP 2D6 (e.g. inirparnine). However, in vitro studies show a low rate of binding to these enzymes (mean K, about 50-130 µM), that, given the therapeutic plasma concentrations of donepezil (164 nM), indicates little likelihood of interference. Whether ARICEPT" has any potential for enzyme induction is not known. Formal pharmacokinetic studies evaluated the potential of ARICEPT" on interaction with theophylline, climetidine, varfarin, digoxin and ketoconazole. No effects of ARICEPT" on the pharmacokinetics of these drugs were observed. Effect of Other Drugs on the Metabolism of ARICEPT": Ketoconazole and quinidine, inhibitors of CYP450, 3A4 and 2D6, respectively, inhibit denepezil metabolism in vitro. Whether there is a clinical effect of quinidine is not known. In a 7-day crossover study in 18 health of the properties of CYP450, 3A9. The clinical volunteers, ketoconazole (200 mg q.d.) increased mean donepezil (5 mg q.d.) concentrations (AUC₀₋₂₄ and C_{mux}) by 36%. The clinical relevance of this increase in concentration is unknown. Inducers of CYP 2D6 and CYP 3A4 (e.g., phenytoin, carbamazepine, relevance of this increase in concentration is unknown. Inducers of CYP 2D6 and CYP 3A4 (e.g., phenytoin, carbamazepine, dexamethasone, rifampin, and phenobarbital) could increase the rate of elimination of ARICEPT*. Formal pharmacokinetic studies demonstrated that the metabolism of ARICEPT* is not significantly affected by concurrent administration of digoxin or cimetidine. Use with Anticholinergics: Because of their mechanism of action, cholinesterase inhibitors have the potential to interfere with the activity of artificholinergic medications. Use with Cholinominmetics and Other Cholinesterase Inhibitors: A synergistic effect may be expected when cholinesterase inhibitors are given concurrently with succinylcholine, similar neuromuscular blocking agents or cholinergic agonists such as bethanechol. Carcinogenesis, Mutagenesis, Impairment of Fertility No evidence of a carcinogenic potential was obtained in an 88-week carcinogenicity study of donepezil hydrochloride conducted in CD-1 mice at doses up to 180 mg/kg/day (approximately 90 times the maximum recommended human dose on a mg/m² basis), or in a 104-week doses up to 180 mg/kg/day (approximately 90 times the maximum recommended human dose on a mg/m² basis), or in a 104-week carcinogenicity study in Sprague-Dawley rats at doses up to 30 mg/kg/day (approximately 90 times the maximum recommended human dose on a mg/m² basis). Donepezil was not mutagenic in the Ames reverse mutation assay in bacteria, or in a mouse lymphoma forward mutation assay in vitro. In the chromosome aberration test in cultures of Chinese hamster lung (CHL) cells, some clastogenic effects were observed. Donepezil was not clastogenic in the *in vivo* mouse micronucleus test and was not genotoxic in an *in vivo* unscheduled DNA synthesis assay in rats. Donepezil had no effect on fertility in rats at doses up to 10 mg/kg/day (approximately 8 times the maximum recommended human dose on a mg/m² basis). Pregnancy Pregnancy Pregnancy Category C: Teratology studies conducted in pregnant rats at doses up to 16 mg/kg/day (approximately 16 times the maximum recommended human dose on a mg/m² basis) and in pregnant rabbits at doses up to 10 mg/kg/day (approximately 16 times the maximum recommended human dose on a mg/m² basis) and in pregnant rabbits at doses up to 10 mg/kg/day (approximately 16 times the maximum recommended human dose on a mg/m² basis) and in pregnant rabbits at doses up to 10 mg/kg/day (approximately 8 times the maximum recommended human dose on a mg/m² basis) from day 17 of gestation through day 20 postpartum, there was a slight increase in still births and a slight decrease in pup survival through day 4 postpartum at this dose; the next lower dose tested was 3 mg/kg/day. There are no adequate or well-controlled studies in pregnant women. ARICEPT* should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus. Nursing Mothers It is not known whether donepezil is excreted in human breast milk. ARICEPT* has no indication for use in nursing mothers. Pediatric Use There are no adequate and well-controlled trials to document the safety and efficacy of Use There are no adequate and well-controlled trials to document the safety and efficacy of ARICEPT® in any illness occurring in children Geriatric Use Alzheimer's disease is a disorder occurring primarily in individuals over 55 years of age. The mean age of the patients enrolled in the clinical studies with ARICEPT® was 73 years; 80% of these patients were between 65 and 84 years old and 49% of the enrolled in the clinical studies with ARICEPT "was 73 years; 80% of these patients were between 65 and 84 years old and 49% of the patients were at or above the age of 75. The efficacy and safety data presented in the clinical trials section were obtained from these patients. There were no clinically significant differences in most adverse events reported by patient groups 265 years old and <65 years old. ADVERSE REACTIONS Mild To Moderate Alcheimer's Disease Adverse Events Leading to Discontinuation The rates of discontinuation from controlled clinical trials of ARICEPT" due to adverse events for the ARICEPT"5 mg/day treatment groups were comparable to those of placebo-treatment groups at approximately 5%. The rate of discontinuation of patients who received 7-day escalations from 5 mg/day to 10 mg/day, was higher at 13%. The most common adverse events leading to discontinuation, defined as those occurring in at least 2% of patients and at twice the incidence seen in placebo patients, are shown in Table 1. Table 1. Most Frequent Adverse Events Leading to Withdrawal from Controlled Clinical Trials by Dose Group (Placebo Most Frequent Adverse Events Leading to Withdrawal from Controlled Clinical Trials by Dose Group (Placebo, 5 mg/day ARICEPT*, respectively); Patients Randomized (355, 350, 315); Eventy% Discontinuing: Nausea (1%, 1%, 3%); Diamina (1%, 4%, 3%); Diamina (1%, 4%, 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 at least 5% in patients receiving 10 mg/day and wice the placebo rate, are largely predicted by ARICEPT*s cholinorimetric effects. These include nausea, diarrhea, insomnia, vomiting, muscle cramp, fatigue 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 titration. An open-label study were conclusted with 250 natients where received lacepts in the 15 and 30 Nausek studies. These artistients were retitated to a desend 10 mg/day. conducted with 269 patients who received placebo in the 15 and 30-week studies. These patients were titrated to a dose 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 over a c-week period. The rates of common adverse events were lower than those seen in patients to falled to 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 (No titration: Placebo (n=315), No titration: 5 mg/day (n=311), One week titration: 10 mg/day (n=315), Six week titration: 10 mg/day (n=269), respectively): Nausea (6%, 5%, 19%, 6%); Diarrhea (5%, 6%, 5%, 5%); Sariyae (5%, 5%, 5%); Diarrhea (5%, 6%, 8%, 5%); Anorexia (2%, 3%, 7%, 3%). Adverse Events Reported in Controlled Trials The events clied reflect experience gained under closely monitored conditions of clinical trials in a highly selected patient population. In actual clinical trials there clinical trials these fremerous estimates may only any one of the kinds of the first order of the kinds of the kinds of the conditions of the genotion behavior afthe kinds of the conditions of the genotion behavior that he kinds practice or in other clinical trials, these frequency estimates may not apply, as the conditions of use, reporting behavior, and the kinds practice or in other clinical trials, these frequency estimates may not apply, as the conditions of use, reporting behavior, and the kinds of patients treated may differ. Table 3 lists treatment emergent signs and symptoms that were reported in at least 2% of patients 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 and with advancing age. Table 3.

Adverse Events Reported in Controlled Clinical Trials in Mild to Moderate Alzheimer's Disease in at Least 2% of Patients Receiving ARICEPT" and at a Higher Frequency than Placebo-treated Patients (8 doy's System/Adverse Event: Placebo (n=355), ARICEPT" [n=747], respectively): Percent of Patients with any Adverse Event: 72, 74. Body as a Whole: Headache (9, 10); Pain, various locations (8, 9); Accident (6, 7); Faligue (3, 5). Cardiovascular System: Syncope (1, 2). Digestive System: Nausea (6, 11); Diarrhea (5, 10); Vomitting (3, 5); Anorexia (2, 4). Hemic and Lymphatic System: Ecctymosis (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); Sonnolence (<1, 2). Urocenital System: Froquent Urination (1, 2). Other Adverse Events Observed Durina Clinical Trials. ARICEPT" (2,0); Anninus (1,2), **Nervous System:** insomma (9,9); Dizziness (6,9); Depression (4,7); Andorman Jordan's (0,3); Sommonis (4,6); Dizziness (6,6); Depression (4,7); Andorman Jordan's (1,6); Sommonis (4,6); Dizziness (6,6); Diz

in the United States included approximately 900 patients. In regards to the highest dose of 10 mg/day, this population includes 650 patients treated for 3 months, 475 patients treated for 6 months and 116 patients treated for over 1 year. The range of patient exposure is from 1 to 1214 days. Treatment emergent signs and symptoms that occurred during 3 controlled clinical trials and two open-label trials in the United States were recorded as adverse events by the clinical investigators using terminology of their own choosing. To provide an overall estimate of the proportion of individuals having similar types of events, the events were grouped into a smaller number of standardized categories using a modified COSTART dictionary and event frequencies user were calculated across all studies. These categories are used in the listing below. The frequencies represent the proportion of 900 patients from these trials who experienced that event while receiving ARICEPT®. All adverse events occurring at least twice are included, except for those already listed in Tables 2 or 3 that event while receiving AHCLP1". All adverse events occurring at least twice are included, except for those already listed in Tables 27 COSTART terms too general to be informative, or events less likely to be drug caused. Events are classified by body system and listed using the following definitions: frequent adverse events—those occurring in at least 17/100 patients; infrequent adverse events—those occurring in 17/100 to 17/1000 patients. These adverse events are not necessarily related to ARICEPT" treatment and in most cases were observed at a similar frequency in placebo-treated patients in the controlled studies. No important additional adverse events were seen in studies conducted outside the United States. Body as a Whole: Frequent: influenza, chest pain, toothatche; Infrequent: fever, edema face, periorbital edema, hernia hiatal, abscess, cellulitis, chills, generalized coldness, head fullness, listlessness. Cardiovascular System: Frequent: hypertension, vascodilation, atrial fibrillation, hot flashes, hypotension, infrequent: angina experies exertive hypertension, infrequent: experies predictions and the processor perioderal experies predictions and exterits between exercises. Carolovascular System: Frequent: hypertension, vascoliation, atrial nonlation, not nasnes, hypolension; infrequent: appearois, postural pytopersion, myocardial infaction, AV block (first degree), congestive heart failure, ateritis, bradycardia, peripheral vascular disease, supraventricular tachycardia, deep vein thrombosis. Digestive System: Frequent: fecal incontinence, gastrointestinal bleeding, bloating, epigastric pain; Infrequent eructation, gingivitis, increased appetite, flatulence, periodontal abscess, cohelithiasis, diverticulitis, drooling, dry mouth, fever sore, gastritis, irritable colon, tongue edema, epigastric distress, gastroenteritis, increased transaminases, hemorrhoids, ileus, increased transaminases, hemorrhoids, ileus, increased transaminases, bemorrhoids, ileus, increased transaminases, hemorrhoids, ileus, increased transaminases, hemorrhoids, goiter. Hemic and Lymphatic System: Infrequent: anemia, thrombocythemia, thrombocytopenia, eosinophilia, erythrocytopenia. Metabolic and Nutritional Disorders: Frequent: dehydration; Infrequent util hynokalenia; increased creatine kinase, humentyloenia, weight increase increased related fedyropenase. Muserulskeletal gout, hypokalemia, increased creatine kinase, hyperglycemia, weight increase, increased lactate dehydrogenase. Musculoskeletal System: Frequent: bone fracture; Infrequent: muscle weakness, muscle fasciculation. Nervous System: Frequent: delusions System: *Frequent: One tracture; intrequent muscle wearness, muscle tasciculation. Nervous System: *Frequent: Geuscia, tempor, irribality, paresthesia, aggression, vertigo, abaxia, increased libido, restlessness, abnormal dyring, nervousness, aphasia; Infrequent: cerebrovascular accident, intracranial hemorrhage, transient ischemic attack, emotional lability, neuralgia, coldness (localized), muscle spasm, dysphoria, gait abnormality, hypertonia, hypokinesia, neurodermatitis, numbness (localized), paranoia, dysphasia, hostility, decreased libido, melancholia, emotional withdrawal, nystagmus, pacing. **Respiratory System:***Frequent: dyspnea, sore throat, bronchitis; infrequent: epistaxis; post nasal drip, pneumonia, hyperventilation, pulmonary congestion, wheezing, hypoxia, pharyngitis, pleurisy, pulmonary collapse, sleep apnea, snoring. **Skin and Appendages:** Frequent: pruritus, diaphoresis, unticaria; infrequent: dermatitis, erythema, skin discoloration, hyperkeratosis, alopecia, fungal dermatitis, nerys bronchistis, erythema, skin discoloration, hyperkeratosis, alopecia, fungal dermatitis, herges zosta.

Respiratory System:
Respirato hirsutism, skin striae, night sweats, skin ulcer. Special Senses: Frequent: cataract, eye irritation, vision blurred; Infrequent: dry eves, glaucoma, earache, tinnitus, blepharitis, decreased hearing, retinal hemorrhage, otitis externa, otitis media, bad taste, conjunctiva eyes, glaucoma, earache, tinnitus, blepharitis, decreased hearing, retiral hemorrhage, citis externa, otitis media, bad taste, conjunctival hemorrhage, ear buzzing, motion sickness, spots before eyes. **Urogenital System: Frequent: urinary incontinence, nocturia, Infrequent: dysuria, hematuria, urinary urgency, metrorrhagia, cystitis, enuresis, prostate hypertrophy, pyelonephritis, inability to empty bladder, breast fibroadenosis, fibrocystic breast, mastitis, pyuria, renal failure, vaginitis. **Severe Alzheimer's Disease Adverse Events Leading to Discontinuation:** The rates of discontinuation from controlled clinical trials of ARICEPT[®] due to adverse events for the ARICEPT[®] patients were approximately 12% compared to 7% for placebo patients. The most common adverse events leading to discontinuation, defined as those occurring in at least 2% of ARICEPT[®] patients and at twice the incidence sent leased post patients. Were approximately and uringent rest. placebo patients, were anorexia (2% vs 1% placebo), nausea (2% vs <1% placebo), diarrhea (2% vs 0% placebo), and urinary tracinfection (2% vs 1% placebo). **Most Frequent Adverse Clinical Events Seen in Association with the Use of ARICEPT** infection (2% vs 1% placebo). 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 at least 5% in patients receiving ARICEPT* and twice the placebo rate, are largely predicted by ARICEPT* scholinomimetic effects. These include diarrhea, anorexia, vomiting, nausea, and the placebo rate, are largely predicted by ARICEPT* scholinomimetic effects. These include diarrhea, anorexia, vomiting, nausea, and the cortymosis. These adverse events were often of mild intensity and transient, resolving during continued ARICEPT* reatment without the need for dose modification. Adverse Events Reported in Controlled Trials Table 4 lists treatment emergent signs and symptoms that were reported in at least 2% 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. Table 4. Adverse Events Reported in Controlled Clinical Trials in Severe Alzheimer's Disease in at Least 2% of Patients Receiving ARICEPT* and at a Higher Frequency than Placebo-treated Patients (Body System/Adverse Event: Placebo [n=392], ARICEPT* and at a Higher Frequency than Placebo-treated Patients (Body System/Adverse Event: Placebo [n=392], ARICEPT* and at a Higher Frequency than Placebo-treated Patients (Body System/Adverse Event: Placebo [n=392], ARICEPT* and the Higher Frequency than Placebo-treated Patients (Body System/Adverse Event: Placebo [n=392], ARICEPT* and the Higher Frequency than Placebo-treated Patients with any Adverse Event: 73, 81. Body as a Whole: Accident (12, 13) infection (9, 11); Headache (3, 4); Pain (2, 3); Back Pain (2, 3); Fever (1, 2); Chest Pain (-4, 2) Cardiovascutz System: Hypertension (2, 3); Hemorrhage (1, 2); System: Ecchymosis (2, 5). Metabolic and Nutritional Systems: Creatine Phosphokinase Increased (1, 3); Dehydration (1, 2); Hyperlipernia (-1, 2). Nervous System: Insomnia (4, 5); Hostility (1, 2); Hyperlinenia (-(1, 2); Personality Disorder (1, 2). Skin and Appendages: Eczema (2, 3). Urogenital System: Urinary Incontinence (1, 2). Other Adverse Events Observed During Clinical Trials ARICEPT* has been administered to over 600 patients with severe Alzheimer's Disease during clinical trials of at least 6 months duration, including 3 double blind placebo controlled trials, one of which had an open Disease during clinical trials of at least 6 months duration, including 3 double blind placebo controlled trials, one of which had an object a label extension. All adverse events occurring at least twice are included, except for those already listed in Table 4, COSTART terms too general to be informative, or events less likely to be drug caused. Events are classified by body system using the COSTART dictionary and listed using the following definitions. *requent adverse events—those occurring in at least 1/100 patients, infrequent adverse events—those occurring in 1/100 to 1/1000 patients. These adverse events are not necessarily related to ARICEPT" treatment and in most casse were observed at a similar frequency in placebo-treated patients in the controlled studies. **Body as a Whole:** *Frequent* abdominal pain, asthenia, fungal infection, flu syndrome; *Infrequent* allergic reaction, cellulitis, malaise, sepsis, face edema, hemia.

Cardiovascular System: *Frequent thypotension, bradycardia, ECG abnormal, heart failure; *Infrequent** impocardial infarction, events and the fillure produced and the fillure produced and the pr angina pectoris, atrial fibrillation, congestive heart failure, peripheral vascular disorder, supraventricular extrasystoles, ventricular angina pectoris, atrial librillation, congestive heart failure, peripheral vascular disorder, supraventricular extrasystoles, verificular extrasystoles, cardiomegaly. Digestive System: Frequent constipation, gastroenteritis, fecal cincontinence, dyspepsia, Infrequent: gamma glutamyl transpeptidase increase, gastritis, dysphagia, periodontitis, stomach ulcer, periodontal abscess, flatulence, liver function tests abnormal, eructation, esophagitis, rectal hemorrhage. Endocrine System: Infrequent: diabetes mellitus. Hemic and Lymphatic System: Frequent: anemia; Infrequent: leukocytosis. Metabolic and Nutritional Disorders: Frequent: weight loss, peripheral edema, edema, lactic dehydrogenase increased, alkaline phosphatase increased; Infrequent: hypercholesteremia, hypokalemia, hypogycemia, weight gain, bilirubinemia, BUN increased, B., deficiency anemia, cachexia, creatinine increased, gout, hyponatemia, hypoproleinemia, iron deficiency anemia, SGOT increased, SGPT increased. Musculoskeletals Systems: Frequent artificies in pengent artificies in pona frachus artificialis lon crames, esteponosis in maleia, Naerugus Systems: Sequent artificies in pona frachus artificies in forames, esteponosis in maleia, Naerugus Systems: Frequent artificies in forames. hyponartemia, hypoproteinemia, iron deficiency anemia, \$60T increased, \$6PT increased, **Musculoskeletal System:** Frequent arthritis; Infrequent: arthrosis, bone fracture, arthralgia, leg cramps, osteoporosis, myalgia. **Nervous System:** Frequent: arthritis; Infrequent: arthritis, Infrequent: apartity, vertigo, delusions, abnormal dreams, cerebrovascular accident, increased salivation, ataxia, euphoria, vasodilatation, cerebral hemorrhage, cerebral infarction, cerebral ischemia, dementia, extrapyramidal syndrome, grand mal convulsion, hemiplegia, hypertonia, hypokinesia. **Respiratory System:** Frequent: pharyngiis, pneumonia, cough increased, binorhitis; Infrequent: pspariasis, skin ulcer, pruntites, Infrequent: psoriasis, skin discoloration, herpes zoster, dry skin, sweating, urticaria, vesiculubullous rash. **Special Senses:** Infrequent: conjunctivitis, glaucoma, abnormal vision, ear pain, lacrimation disorder. **Urogenital System:** Frequent urinary tract infection, cystitis, hematuria, glycosuria; Infrequent: vaginitis, dysuria, urinary frequency, albuminuria. **Postintroduction Reports** Voluntary reports of adverse events temporally associated with ARICEPT" that have been received since market introduction that could listed above, and that there is inadequated tract determine the causal relationship with the drung found to the first following: advorting and that there is inadequated tract determine the causal relationship with the drung found to the first following: advorting and that there is inadequated traction. not listed above, and that there is inadequate data to determine the causal relationship with the drug include the following: abdomina not isse above, and that there is inadequate data to determine the causal realization, tholecystitis, confusion, convulsions, hallucinations, heart block (all types), hemolytic anemia, hepatitis, hyponatremia, neuroleptic malignant syndrome, pancreatitis, and rash. OVERDOSAGE Because strategies for the management of overdose are continually evolving, it is advisable to contact a Poison Control Center to determine the latest recommendations for the management of an overdose of any drug. As in any case of overdose, general supportive measures should be utilized. Overdosage with cholinestease inhibitors can result in cholinergic crisis characterized by severe nausea, vomiting, salivation, sweating, bradycardia, hypotension, respiratory depression, collapse and convulsions. Increasing muscle weakness is a possibility and may result in death if respiratory muscles are involved. Tertiary anticholinergics such astropione weakness is a possibility and may result in death if respiratory muscles are involved. Tertiary anticholinergics such astropione muscles are involved to affect is ecomposed or in the death of the composition of the c be used as an antidote for ARICEPT® overdosage. Intravenous atropine sulfate titrated to effect is recommended: an initial dose of 1.0 be used as an annoted in Anti-CPT overdousage, inhared outs around some that are the continuous and initial outset of the continuous and initial outset of the continuous and the contin