Half of ACS Patients Rehospitalized Yearly

BY BRUCE JANCIN

Denver Bureau

ORLANDO, FLA. — Nearly half of patients hospitalized for acute coronary syndrome at one large HMO were rehospitalized for cardiovascular disease within the next 12 months, Stephen Sidney, M.D., reported at the annual meeting of the American College of Cardiology.

Within 12 months, 29% of the patients were readmitted for acute coronary syndrome (ACS). Adding admissions for other manifestations of coronary heart disease as well as those for heart failure and stroke, a total of 46% of patients were rehospitalized for cardiovascular disease within 12 months of their index hospitalization for ACS.

Nearly 10% were rehospitalized for coronary revascularization via coronary artery bypass surgery, and 7.4% were admitted for percutaneous intervention.

One-year mortality following the index

hospitalization was 17%, and nearly twothirds of the deaths were attributed to cardiovascular disease, added Dr. Sidney of Kaiser Permanente in Oakland, Calif.

Few data are available on 1-year outcomes after hospital discharge for ACS, so Dr. Sidney and his coinvestigators analyzed computerized records for 14,852 patients admitted for ACS to Kaiser Permanente of Northern California hospitals during 1999-2000. The hospitalization rate for ACS was 5.7 cases per 1,000 personyears among subscribers to the prepaid health plan, which provides coverage to 30% of the population in the San Francisco Bay Area.

At the index hospitalization, 31% of patients were hypertensive, 35% were diabetic, and 28% were hyperlipidemic. The relationships between these risk factors and the risks of rehospitalization differed in intriguing ways. For example, in a multivariate analysis, hyperlipidemic patients were 40% more likely to be rehospitalized for unstable angina within 12 months than were nonhyperlipidemic patients, but they were 32% less likely to experience MI.

In contrast, hypertension was associated with a 14% increased risk of rehospitalization for unstable angina but no significantly increased risk of rehospitalization for MI. Patients aged 65 or older were 16% more likely than were younger ACS patients to be rehospitalized for MI, but 12% less likely to be rehospitalized for unstable angina.

Diabetic patients had a 26% greater likelihood of being rehospitalized for MI and a 14% increased risk of rehospitalization for unstable angina compared with nondiabetics. The Kaiser study was funded by Eli Lilly & Co.

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(Oxycodone HCl and Ibuprofen) Tablets 5 mg/400 mg FOREST LABORATORIES

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Combunox tablets are indicated for the short term (no more than 7 days) management of acute

Priggnancy'
As with other NSAID-containing products, Combunox should be avoided in late pregnancy because it may cause premature closure of the ductus arteriosus. Interactions with Alcohol and Drugs of Abuse Oxycodone may be expected to have additive effects when used in conjunction with alcohol, other oppoids, or illicit drugs that cause central nervous system depression.

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dehydration. It is advisable to rehydrate paments ints and uten seat unexpy must continue to Caution is also recommended in patients with pre-existing kidney disease (see WARNINGS - Advanced Renal Disease).

Advanced Renal Disease). As with other NSAIDs, long-term administration of ibuprofen has resulted in renal papillary necrosis and other renal pathologic changes. Renal toxicity has also been seen in patients in which renal prostaglandins have a compensatory role in the maintenance of renal pertusion. In these patients, administration of a nonsteroidal anti-inflammatory drug may cause a dose-dependent reduction in prostaglandin formation and, secondarily, in renal blood flow, which may

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be seen in a small percentage of patients during Combunox therapy (see PRECAUTIONS stableogical Effects and PRECAUTIONS - hepatic Effects),
attents with severe hepatic or renal disease, effects of therapy should be monitored with liver

numar studies to assess the potential effects of the combination of oxycodone and ibuprofen on embryo-fetal development were conducted in the rat and rabbit model. Pregnant rats were treated by oral gavage with combination doses of oxycodone:ibuprofen rg/kg/day (0.25:20, 0.5:40, 1.0:80, or 2.0:160) on days 7-16 of gestation. There was no evi-erce for developmental toxicity or teratogenicity at any dose, although nateral toxicity was robed at doses of 0.5:40 and above. The highest dose tested in the rat (2.00:160 mg/day) or a body sur-ace area (mg/mg/mg/ basis. This dose was associated with maternal toxicity (death, clinical signs, lecreased BW).

and Delivery

now should not be used during the third trimester of pregnancy due to the potential for

en to inhibit prostaglandin synthetase which may prolong pregnancy and inhibit labor.

tone is not recommended for use in women during and immediately prior to labor and

y because oral opioids may cause respiratory depression in the newborn.

Mothers

Mot

erse Events Which Occurred at a Frequency of ≥ 1% and at a Higher Incidence than in

	5/400 mg (n=923)	400 mg Ibuprofen (n=913)	5 mg Oxycodone HCI (n=286)	Placebo (n=315)
Digestive				
Nausea	81 (8.8%)	44 (4.8%)	46 (16.1%)	21 (6.7%)
Vomiting	49 (5.3%)	16 (1.8%)	30 (10.5%)	10 (3.2%)
Flatulence	9 (1.0%)	7 (0.8%)	3 (1.0%)	0
Nervous System				
Somnolence	67 (7.3%)	38 (4.2%)	12 (4.2%)	7 (2.2%)
Dizziness	47 (5.1%)	21 (2.3%)	17 (5.9%)	8 (2.5%)
Skin and Append	lages			
Sweat	15 (1.6%)	7 (0.8%)	4 (1.4%)	1 (0.3%)

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More Men Than Women Are **Receiving ICDs**

ORLANDO, FLA. — Men with heart failure and/or bundle branch block appear to be preferentially treated more aggressively with implantable devices than are women with similar health status, a review of nearly 11,000 cases suggests.

The 10,931 patients, of whom 4,138 (38%) were women, were listed in an administrative database and represented consecutive admissions to any of numerous hospitals owned by Hospital Corporation of America. All had a diagnosis of heart failure and/or bundle branch block and underwent a primary procedure of pacemaker, cardiac resynchronization therapy pacemaker (CRT-P), implantable cardioverter defibrillator (ICD), or cardiac resynchronization therapy defibrillator (CRT-D) implantation, Robert Fishel, M.D., reported at an international conference on women, heart disease, and stroke.

Women received 52% of the pacemakers, 33% of the CRT-Ps, 22% of the ICDs, and 21% of the CRT-Ds implanted, said Dr. Fishel of the J.F.K. Medical Center, Atlantis, Fla. Logistic regression analysis showed that men were significantly less likely than women to receive a pacemaker (odds ratio 0.35) and more likely to receive an ICD (odds ratio 1.34) or CRT-D (odds ratio 1.48). There was no significant difference in device utilization of CRP-Ps between sexes.

Further research is needed to determine if the differences in device use among men and women have any long-term effects on outcomes in women, he said.

—Sharon Worcester