CLINICAL

Preventing Recurrent Ulcer Bleeding Rather than clopidogrel, aspirin plus a proton-pump inhibitor should be prescribed to prevent recurrent bleeding from ulcers in high-risk patients, according to results of a double-blind, randomized trial.

Francis K.L. Chan, M.D., of the Chinese University of Hong Kong and his associates reported that recurrent ulcer bleeding occurred at a significantly higher rate in 161 patients who received clopidogrel (Plavix) plus a placebo than in 159 patients who received aspirin plus esomeprazole (Nexium) during a median follow-up of 12

CAPSULES

months (8.6% vs. 0.7%). Patients took either 75 mg clopidogrel daily or 80 mg aspirin daily plus 20 mg esomeprazole twice daily (N. Engl. J. Med. 2005;352:238-44).

The study included patients who had endoscopically confirmed ulcer healing, had negative tests for or successful eradication of Helicobacter pylori and were not taking anticoagulants or corticosteroids. Study participants had presented with upper GI bleeding after taking low-dose aspirin for prevention of vascular diseases.

The results go against American College of Cardiology/American Heart Associa-

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DxyContin is not indicated for pain in the immediate postoperative period (the first 12 to 24 hours fol-lowing surgery) for patients not previously taking the drug, because its safety in this setting has not been established.

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ar, optional should not be using the discharged and the second should be given the follow tition for Patients/Caregivers and a second should be given the follow rmation by the physician, nurse, pharmacist, or caregiver:

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e aware that OxyContin Tablets contain oxyCodone, which is a morphine-il-advised that OxyContin Tablets were designed to work properly only if swc s will release all their contents at once if broken, chewed, or crushed, res

Patients should be advised that 0xyContin may impair mental and/or physical ability required for the per-formance of potentially hazardous tasks (e.g., driving, operating heavy machinery).

selves and their unborn child. Patients should be adviced that DoyContin is a potential drug of abuse. They should protect it from theft and it should never be given to anyone other than the individual for whom it was prescribed. Patients should never be divised that they may pass empty mark's robusts' (rables) via colocomy or in the should, and that this is of no concern since the active medication has already been absorbed.

should be instructed to keep OxyContin in a secure place out of the reach of children. When OxyContir ager needed, the unused tablets should be destroyed by flushing down the toilet.

esics, should be started at 1/3 to 1/2 of the usual do central nervous system depressants including sedativ

hildbearing potential who become, or are planning to become, pregnant should be advised ir physician regarding the effects of analgesics and other drug use during pregnancy on them-reir unborn child.

Patients should be advised to report episodes of breakthrough pain and adverse exp during therapy. Individualization of dosage is essential to make optimal use of this m

atients should not combine OxyCont with alcohol or other central nervous system ds, tranquilizers) except by the orders of the prescribing physician, because dange lay occur, resulting in serious injury or death.

Patients should be advised not to adjust the dose of OxyContin[®] without of

stool, and that this is of no concern since the active medication in Patients should be advised that if they have been receiving treatmen weeks and cessation of therapy is indicated, it may be appropriat than abruptly discontinue it, due to the risk of precipitating withing provide a dose schedule to accomplish a gradual discontinuation of the schedule to accomplish a gradual discontinuatin a gradual discontinuation of the schedule to accom

d analgesics, including OxyContin[®], may enhance the neu laxants and produce an increased degree of respiratory

DyContin is an opioid with no approved use in the management of addictive disorders. In individuals with drug or alcohol dependence, either active or in remission, is for the ma requiring opioid analgesia.

axanis ani produce al increase ougree in respiratory repression. Adone is metabolice in part to oxymorphone via cytochrome P450 206. While this path cked by a variety of drugs (e.g., certain cardiovascular drugs including amiodarone and il as polycyclic antidepressants), such blockade has not yet been shown to be of clinical sig in sagent. Clinicians should be aware of this possible interaction, however.

DWOCDOME to eValiate its carcinogenic puteritum name in uncern consideration y was not mutagenic in the following assays: Ames Salmonella and E. coli test with like adviation at doese of up to 5000 μ g, chromosomal aberration test in human ly once of metabolic activation at doese of up to 1500 μ g/mit and with activation 48 $4 \log d q \log 1 \log 1000$ mm and in the in vivo bone marrow micronucleus test be

DxyContin is not indicated for pain in the postoperative period if the pain is mild or not exp is for an extended period of time

c are magnosis or clinical course in patients with acute abdom-convulsions in patients with convulsive disorders, and all opi-me clinical settince

tion guidelines that advise using clopidogrel as an alternative antiplatelet agent for patients with major GI intolerance of aspirin, he noted. The study "clearly indicates that this recommendation is harmful and that such patients should be given aspirin plus a proton-pump inhibitor," said Byron Cryer, M.D., of the University of Texas Southwestern Medical Center, Dallas, in an editorial. Antiplatelet agents may cause bleeding ulcers primarily by impairment of healing (N. Engl. J. Med. 2005;352:287-9).

Colorectal Adenoma Chemoprevention

Calcium supplements appear to reduce the risk of developing recurrent colorec-

udy of OxyContin in patients with hepatic impairment indicates greater plasma concentrations than those normal function. The initiation of therapy at 1/s to 1/2 the usual doses and careful dose titration is war-

ency of typical opioid adverse events than males, even vance of a difference of this magnitude is low for a dru

may be associated with OxyContin Tablet the

	OxyContin	nmediate- Release (n=225) (%)	Placebo (n=45) (%)	
	(n=227) (%)			
Constipation	(23)	(26)	(7)	
Nausea	(23)	(27)	(11)	
Somnolence	(23)	(24)	(4)	
Dizziness	(13)	(16)	(9)	
Pruritus	(13)	(12)	(2)	
Vomiting	(12)	(14)	(7)	
Headache	(7)	(8)	(7)	
Dry Mouth	(6)	(7)	(2)	
Asthenia	(6)	(7)	-	
Sweating	(5)	(6)	(2)	

ntal injury, chest pain, facial edema, malaise, neck pain, pain, and symptoms aphylactic or anaphylactoid reaction

iovascular: migraine, syncope, vasodilation, ST depression stive: dysphagia, eructation, flatulence, gastrointestinal disorder, increased app ing, stomatitis, ileus

mor, verigo, withdrawai syndrome with or with atory: cough increased, pharyngitis, voice altera ry skin, exfoliative dermatitis, urticaria I Senses: abnormal vision, taste perversion

Jrogenital: am ation impaired

ing to stupor or coma, s hypotension, and death

reatment of oxycodone overdosage, primary attention should be given to the re-

related side effects such as sedation and nausea are usually self-limited and often do not per ing OxyContin[®] may pass an intact matrix "ghost" in the stool or r no residual oxycodone and are of no clinical consequence.

een 15°-30°C (59°-86°F). arma 's Medical Services Department (1-888-726-7535

word Pharma L., Standord, CT 06901-3431 J.S. Patent Numbers 4,861,598; 4,970,075; 5,266,331; 5,508,042; 5,549,912; and 5,656,295 BS00869 July 30, 2003

tal adenomas, according to findings from a metaanalysis of three randomized controlled trials.

In 1,279 patients aged 35-76 years who completed a follow-up colonoscopy after 3-4 years, supplemental calcium (1,200 mg, 1,600 mg, and 2,000 mg daily in the three studies) significantly reduced the risk of recurrent adenomas by 20%, compared with placebo. The patients had a dietary calcium intake ranging from 940 mg to 1,600 mg, reported Aasma Shaukat, M.D., of the State University of New York, Buffalo, and colleagues (Am. J. Gastroenterol. 2005;100:390-4).

Calcium is thought to decrease the risk of recurrent adenomas by binding to and precipitating bile acids and soluble fatty acids. The results of the metaanalysis suggest that recommending a calcium supplement to patients with prior adenomas is a reasonable strategy for achieving a modest decrease in future adenomas. Calcium is cheap and safe, and only about 14 patients need to be treated to prevent 1 patient from having recurrent polyps during a 3- to 4-year period, said Robert S. Sandler, M.D., of the University of North Carolina, Chapel Hill, in an editorial (Am. J. Gastroenterol. 2005;100:395-6).

Colorectal Ca Risk and Eating Meat

High intake of red or processed meat over long periods of time is associated with an increased risk of cancer in the distal colon, rectosigmoid colon, or rectum, reported Ann Chao, Ph.D., of the American Cancer Society, Atlanta, and her associates.

The prospective study included data obtained from about 149,000 men and women who completed a questionnaire in 1982 for the Cancer Prevention Study II and then completed a follow-up questionnaire in 1992 or 1993. Men and women who consumed the most red meat during 1992-1993 had a significant, 71% increase in their risk of cancer of the rectosigmoid colon or rectum. The risk increased progressively from lower to higher intakes of red meat (JAMA 2005;293:172-82).

Men and women who consumed large amounts of processed meats (preserved by salting, smoking, or addition of nitrites or nitrates) in 1982 and in 1992-1993 had a significant, 50% increase in risk of cancer in the distal colon, compared with people who consumed low amounts of processed meats during both periods.

Magnesium and Rectal Ca Risk

Higher magnesium intakes are associated with decreased risk of rectal cancer in women, reported Susanna C. Larsson of the Karolinska Institute, Stockholm, and her colleagues.

After a mean follow-up of nearly 15 years, women with magnesium intakes in the top quintile (at least 255 mg/day) had a rectal cancer risk that was 55% lower than the risk in women with magnesium intakes in the bottom quintile (less than 209 mg/day). Risk reductions were 52%, 46%, and 36%, respectively, in the second-highest, thirdhighest, and fourth-highest quintiles. The prospective study included about 61,000 women in the Swedish Mammography Cohort who completed a questionnaire between 1987 and 1990 and a second questionnaire in 1997 (JAMA 2005;293:86-9).

10 mg 20 mg 40 mg 80 mg* 160 mg *80 mg and 160 mg for use in opioid-tolerant patients only SMALIUN (For com

OxyContin is an opioid agonist and a Schedule II controlled substance with an a liability similar to morphine.

donce can be abused in a manner similar to other opioid agonists, legal on s should be considered when prescribing or dispensing 0xyContin in situa the physician or pharmacist is concerned about an increased risk of mit or diversion.

tin Tablets are a controlled-release oral formulation of oxycodone icated for the management of moderate to severe pain when a the-clock analgesic is needed for an extended period of time.

ntin Tablets are NOT intended for use as a prn analgesio

OXYCUTIIN TADIETS ARE NUT Intended for use as a pm analgesic. OxyContin 80 mg and 160 mg Tablets ARE FOR USE IN OPIOID-TOLERANT PATIENTS ONLY. These tablet strengths may cause fatal respiratory depression when adminis-tered to patients on previously exposed to opioids. OxyContin TABLETS ARE TO BE SWALLOWED WHOLE AND ARE NOT TO BE BRO-KEN, CHEWED, OR CRUSHED. TAKING BROKEN, CHEWED, OR CRUSHED OxyContin TABLETS LEADS TO RAPID RELEASE AND ABSORPTION OF A POTENTIALLY FATAL DOSE OF OXYCODNE.

ICATIONS AND USAGE olled-release oral formulation of oxycodone hydrochloride indicated for the 'Tablets are a construction of moderate to severe pairs and intervention of time. Is NOT intended for use as a primal gesic.

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o opionds. 180 mg and 160 mg Tablets are for use only in opioid-tole juivalent dosages of 160 mg or more for the 80 mg tablet 1. Care should be taken in the prescribing of these table 1 against use by individuals other than the patient for whom use may have severe medical consequences, including do

codone is an opioid agonist of the morphine-type. Such drugs are sought by drug abu with addiction disorders and are subject to criminal diversion. codone can be abused in a manner similar to other opioid agonists, legal or illicit. This should be con red when prescribing or dispensing 0xyContin in situations where the physician or pharmacist is con red about an increased risk of misuse, abuse, or diversion.

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Ithcare professionals should contact their State Professional Licensing Board, or State Cont nority for information on how to prevent and detect abuse or diversion of this product.

nteractions with Alcohol and Drugs of Abuse

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nº is a mu-agonist opioid with an abuse liability similar to morphine and is a Schedule II con-bstance. Oxycodone, like morphine and other opioids used in analgesia, can be abused and is criminal diversion.

Drug addiction is characterized by compulsive use, use for non-medical purposes, and continued use despite harm or risk of harm. Drug addiction is a treatable disease, utilizing a multi-disciplinary approach, but relapse

seeking" behavior is very common in addicts and drug abusers. Drug-seeking tactics includ calls or visits near the end of office hours, refusal to undergo appropriate examination, te

alls or visits near the end or more more, remain a winnerse way-may and regerated "loss" of presentations, tampening with prescriptions and reluctance to provide visits or contact information for other treating physicianity). "Doctor shopping" to lotter floors is common among drug abases and people safeting firm uniterated addiction. In addiction are separate and distinct from physical dependence and tolerance. Physicia that addiction may not be accompaned by concurrent tolerance and symptoms of physis all addicts. In addition, abase of opioids can occur in the absence of thus addictions all addicts. In addition, abase of opioids can occur in the absence of thus addiction all addicts. In addition, abase of opioids can occur in the absence of thus addiction of unsubse for non-medical purposes, for in combination with other psychoatries as the second second second second and the second second second second second additional second second second second second second additional second second second second additional second second additional second second additional second additional second additional ad

nce, plasma oxycodone measurements are usually not helpfu ons of the active drug substance may be of value in selected,

—Jeff Evans