Arthritis

COX-2 Options Restricted, CAM May Gain Ground

BY PATRICE WENDLING

Chicago Bureau

CHICAGO — The withdrawal of rofecoxib and valdecoxib from the market may give an even greater number of arthritis patients the impetus to try nonpharmacologic therapies, Sharon L. Kolasinski, M.D., said at a symposium sponsored by the American College of Rheumatology.

Already, roughly half of adults in the

United States have tried complementary and alternative medicines (CAM), and patients with rheumatoid arthritis (RA) are among the highest users, said Kolasinski, assistant professor of medicine and chief of clinical services at the University of Pennsylvania School of Medicine, Philadelphia.

This trend isn't all bad as some alternative therapies can help reduce pain and keep the arthritis patient active, she said.

"Nonpharmacologic therapies are an

important part of what our patients are actually choosing to use whether we suggest it or not," said Dr. Kolasinski.

The evidence suggests that mind-body interventions can be of considerable benefit including coping with chronic pain, and perhaps we should consider them more often."

There is a substantial body of evidence-based research supporting the use of mind-body interventions such as meditation, cognitive behavioral therapy, and biofeedback. Additionally, tai chi, yoga, and acupuncture may be appropriate adjunctive therapies in some pa-

Dr. Kolasinski said the evidence does not support the use of magnetic bracelets or mattress pads, although copper bracelets are a common sight in many rheumatologists' offices.

An intriguing study of 20 RA patients demonstrated an American College of Rheumatology (ACR) 20 response in half of the patients practicing tai chi, and no similar response in patients enrolled in a stretching and wellness education program for 12 weeks.

Dr. Kolasinski and colleagues at the university found that 8 weekly sessions of yoga significantly improved Western Ontario and McMaster University Osteoarthritis Index (WOMAC) pain and disability scores in seven women with OA.

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Stiffness also improved, however, not signif-

icantly, she said. A follow-up gait study to determine if the effects were merely due to increased personal attention, showed that walking speed increased after yoga teoarthritis and Cartilage 2003;11:S44). The results sug-

gest that the regimen may be appropriate for patients with valgus knee deformities, however, it may not be for those with varus deformities, she said.

There are few data on the value of acupuncture in RA, but a definitive study in patients with knee osteoarthritis (OA) concluded that acupuncture is a reasonable adjunctive therapy for pain relief, particularly for patients without other options.

Relative to a sham control group, significant improvements in WOMAC pain and function scores were reported in 570 knee OA patients who previously had been treated with high-dose drug therapy and who had received 23 acupuncture sessions over 26 weeks (Ann. Intern. Med. 2004;141:901-10).

In particular, WOMAC function scores were nearly 3 points better in the true acupuncture group compared with function scores in the sham group.

Differences between the groups were not significant, however, in WOMAC measures of pain or global assessment, according to the investigators who were based at the University of Maryland School of Medicine, Baltimore.

High dropout rates are common in nonpharmacologic therapy trials, suggesting that physicians may want to propose a variety of adjunctive therapies to help keep arthritis patients physically active, she said.

В выяв кывопалониев, мис.

Brief Summary (See package brochure for full prescribing information).

Trexall ITM (methotrexate tablets, USP)

THE SHOULD BE USED ONLY BY PHYSICIANS WHOSE KNOWLEDGE AND EXPERIENCE INCLUDE THE USE OF TIME INCLUDE THE USE OF TIME INCLUDE THE USE OF THE POSSIBILITY OF SERIOUS TOXIC REACTIONS (WHICH CAN BE FATAL); MORE SHOULD BE USED ONLY IN LIFE THREATENING NEOPLASTIC DISEASES, OR IN PATIENTS WITH PSORIASIS OR RHEUMARDID ARTHRITIS WITH SEVERE, RECALCITRANT, DISABLING DISEASE WHICH IS NOT ADEQUATELY RESPONSIVE TO OTHER FORMS OF THERAPY. HERAPY. REPORTED WITH THE USE OF METHOTREXATE IN THE TREATMENT OF MALIGNANCY, PSORIASIS, AND

OF THE PROPOSED WITH THE USE OF METHOTIESATE IN THE TREATMENT OF MALIGNANCY, PSORIASIS, AND TIDD ARTHRITS. STOLD ARTHRITS AND TO THE RESEARCH MONITORED FOR BONE MARROW, LIVER, LUNG AND KIDNEY TOXICITIES, (See PRECAUTIONS,) SHOULD BE INFORMED BY THEIR PHYSICIAN OF THE RISKS INVOLVED AND BE UNDER A PHYSICIAN'S CARE HOUT THERAPY.

PATIENTS SHOULD BE INFORMED BY THEIR PHYSICIAN OF THE RISKS INVOLVED AND BE UNDER A PHYSICIAN'S CARE THROUGHOUT THERAPY.

1. Methorbraxele has been reported to cause feeld death and/or congenital anomalies. Therefore, it is not recommended for womend child-bearing potential unless there is clear medical evidence that the benefits can be expected to outweigh the considered risks, Pregnant women with psoriasis or rheumatoid attrities should not receive methorbraxela. (See CONTRAINDICATIONS.)

2. Methorbraxele climination is reduced in patients with impaired renal function, assibes, or pleural efficiency. Such patients require especially careful monitoring for toxicity, and require dose reduction or, in some cases, discontinuation of methotrexate administration. 3. Unexpectedly severe (sometimes tall) home marrow suppression, adjatatic anemia and apstrointestinal toxicity have been reported with concomitant administration or methotrexate (usually in high dosage) along with some nonsteroidal anti-inflammatoy drugs (NSAIDs). (See PRECAUTIONS, Drug Interactions.)

4. Methorbraxele cases hepatoroxicity, titrosis and cirrhosis, but generally only after prolonged use. Acutely, liver enzyme elevations are requently seen. These are usually transient and asymptomatic, and also do not appear predictive of subsequent hepatic disease. Liver biopsy after sustained use often shows histologic changes, and fibrosis and cirrhosis have been reported; these later lesions may not be preceded by symptomer or ahome all her function lests in the pscripts production. For this reason, periodic liver biopsy after sustained use often shows histologic changes, and fibrosis and cirrhosis have been reported; these later lesions may not be preceded by symptomer or ahome all her function lests in the sportaises population. (See PECAUTIONS, Organ System Toxicity, Hepatic.)

5. Methorbraxele-induced lung disease is a potentially dangerous lesion, which may occur acutely at any time during therapy and which has been reported at disease is low as 7.

may occur.

7.Malignant lymphomas, which may regress following withdrawal of methotrexate, may occur in patients receiving low-dose methotrex-ate and, thus, may not require cytotoxic treatment. Discontinue methotrexate first and, if the lymphoma does not regress, appropriate

alment should be instituted.

either other other characteristics are produce "tumor lysis syndrome" in patients with rapidly growing tumors. Appropriate supritive and pharmacologic measures may prevent or alleviate this complication.

erec, occasionally fatal, skin reactions fave been reported following single or multiple doses of methotrexate. Reactions have
curred within days of ord, intramucous, faveness, or intrathecal methodrexate administration. Recovery has been reported with
scontinuation of therapy, (See PRECAUTIONS, Organ System Toxicity, Skin.)

retails, latal poportunistic infections, sepecially Pneumorosytis cannin inneumonia, may occur with methotrexate therapy,
thetrexate given concomitantly with radiotherapy may increase the risk of soft tissue necrosis and osteonecrosis.

Methorisate is also used in combination with other chemotherapeutic agents in the treatment or advanced stage non-morgisms symphomias. Pooriasis:

Trexal III** (methorizeate tables) are indicated in the symptomatic control of severe, recalitizent, disabiling psoriasis that is not adequately responsive to other forms of therapy, but only when the diagnosis has been established, as by biopory and/or after demandatiogic consultation. It is important to ensure that a psoriasis 'Tare' is not due to an undiagnosed concomitant disease affecting immune responses.

Rheumatold Arthritis:

Trexal III** (methorizeate tables) are indicated in the management of selected adults with severe, active, rheumatolid arthritis.

Trexal III** (methorizeate tables) are indicated in the management of selected adults with severe, active, rheumatolid arthritis. (ARC criteria), or children with active polyarticulas-course juvenile rheumatolid arthritis, who have had an insufficient therapeutic response to, or are intolerant of, an adequate trial of risk-line therapy including full offices one-steroidic anni-inflammatory agents (NSAIDs).

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exate, with psoriasis or rheumatoid arthritis who have prexisting blood dyscrasias, such as bone marrow hypoplasia, leukopenia, thrombo-nia or significant anemia, should not receive methotrexate.
with a known hypersensitivity to methotrexate should not receive the drug.
INGS: SEE BOXED WARNINGS.

tent abnormalities in liver function tests may precede appearance of thorosis of crimosis in the memation artinitis population, pracy function tests may be useful if imenthorosis—induced lung disease is suspected, especially if baseline measurements are available. Interactions: ministration of some NSAIDs with high dose methotrexate therapy has been reported to elevate and protong serum methotrexells, resulting in deaths from severe hematologic and gastrointestinal toxicity, in should be useful with NSAIDs and sakuplates are administed concommantally with lower doses of methotrexate. These drugs have been et locate the tubular secretion of methotrexate in an animal model and may enhance its loxicity. In the potential interactions, studies of methotrexate in platents with heumanol darbrints have usually included concurrent use of constant temporates of NSAIDs, without appeare problems, it should be appreciated, however, that the doses used in theorems of the problems of the pr

ct, agenesis, and Impairment of Fertility: a exist regarding the risk of neoplasia with methotrexale. Methotrexale has been evaluated in a number of animal stud-nial with incondusive results, Although there is evidence that methotrexale causes chromosomal damage to animal

Formative Users Safety and effectiveness in pediatric patients have been established, unity in common states and adolescents (i.e., patients 2 to 16 years of age) with JRA demonstrated safety comparable to that observed in adults with rheumatoid arthritis. (See CLINICAL PHARMACOLOGY, ADVERSE REACTIONS and DOSAGE AND ADMINISTRATION.)

DUSAGE AND ADMINISTRATION.)

'Organ System Toxicity:

Gastrointestinal: If vomiting, diarrhea, or stomatitis occur, which may result in dehydration, methotrexate should be discontinued until recovery occurs. Methotrexate should be used with extreme caution in the presence of peptic ulcer disease or ulcerative colitis.

Hematologic: Methotrexate can suppress hematopoiesis and cause anemia, aplastic anemia, leukopenia, and/or thrombocytopenia. In patients with malignancy and presisting hematopoietic imagiment, the drug should be used with caution, if at all. In controlled clinical trials in rheumatoid arthrifis (n=128), leukopenia (MBC <3000/mm²) was seen in 2 patients, thrombocytopenia (platelets <100,000/mm²) in 6 patients, and pancytopenia in 2 patients.

recommendations listed above, Methotrexate should be discontinued in any patient who displays per sistently abnormal liver function or Immunologic States: Methotrexate should be used with extreme caution in the presence of active infection, and is usually contradicted in patients with overt or laboratory evidence of immunodeficiency syndromes, Immunization may be ineflective when given during methotrexate therapy, Immunization with live virus excines is generally not recommended. There have been reports of disseminated vaccinia infections after smallpox immunization in patients receiving methotrexate therapy, Immunization may be ineflective when given during infections after smallpox immunization in patients receiving methotrexate therapy, Hypogammaglobulinemia has been reported dravely. Potentially Istal opportunistic infections, especially Pherumocystis. carrinii pienumonia, may occur with methotrexate therapy. When a patient presents with pulmorary symptoms, the possibility of Pherumocystis. carrinii pienumonia, may occur with methotrexate therapy. When a patient presents with pulmorary symptoms, the possibility of Pherumocystis. carrinii pienumonia, may occur with methotrexate therapy. When a patient presents with pulmorary symptoms, the possibility of Pherumocystis. carrinii pienumonia, may occur with methotrexate therapy. When a patient presents with pulmorary symptoms of elucionergial patients with active patients when a commonly noted by the probability intervences administration of methotrexate to patients who have bad cranicapinal irradiction. Seporatinal by hyphotabasis levelural variety of the carried patients with active patients when a commonly noted by the probability of the received repeated doses of high-dose methodecate with levelural patients with extensive patients when a commonly noted in patients who received repeated doses of high-dose membroasate with levelural patients with patients of a patient with patients of a potential patient with received repeated doses of high-dose membroasate w

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