

Food and Drug Administration Rockville, MD 20857

TRANSMITTED BY FACSIMILE

Jeffrey R. Snyder Associate Director Drug Regulatory Affairs Boehringer Ingelheim Pharmaceuticals Inc. 900 Ridgebury Road P.O. Box 368 Ridgefield, CT 06877-0368

RE: NDA 20-938

Mobic (meloxicam) Tablets, 7.5 mg and 15 mg

MACMIS ID #10563

Dear Mr. Snyder:

This letter notifies Boehringer Ingelheim Pharmaceuticals Inc. (BI) that the Division of Drug Marketing, Advertising, and Communications (DDMAC) has identified promotional activities that are in violation of the Federal Food, Drug, and Cosmetic Act (Act) and its implementing regulations. Specifically, false or misleading statements about Mobic (meloxicam) Tablets have been disseminated in a direct-to-consumer (DTC) print advertisement (ad) appearing in daily newspapers including *The Washington Post* and *The New York Times*. Our specific objections follow.

Misleading Comparative Claim

Attention Vioxx®

and Celebrex® Users:

ARE YOU

DISSATISFIED?

If so, ask your doctor about MOBIC.

It's the osteoarthritis medicine with proven safety and efficacy used

by 45 million patients in 100 countries for over five years.

Jeffrey R. Snyder Boehringer Ingelheim Pharmaceuticals Inc. NDA 20-938

The print ad is misleading because it suggests that Mobic is safer and more effective for the treatment of the signs and symptoms of osteoarthritis than has been demonstrated by substantial evidence. See 21 CFR § 202.1(e)(6)(ii). The ad, with the above headlines dominating almost half of the full-page newspaper piece, is targeted to Vioxx and Celebrex users, and seeks to direct them to Mobic if they are dissatisfied with these other prescription non-steroidal anti-inflammatory drug products (NSAIDs). In the context of this presentation, the rhetorical question "Are You Dissatisfied?" implies clinical superiority of Mobic compared with Vioxx or Celebrex in osteoarthritis. In addition, the above call-out headlines followed by the broad "used by 45 million patients" safety and efficacy claim implies that Mobic is superior to other prescription NSAIDs. FDA is not aware of any studies comparing Mobic to other prescription NSAIDs for osteoarthritis. Therefore, this ad presentation is in violation of the Act because it makes unsubstantiated and hence misleading comparative safety and efficacy claims.

Furthermore, the claim "It's the osteoarthritis medicine with proven safety and efficacy used by 45
million patients" contains unsubstantiated statistics and consequently misleading claims about the
international use of Mobic for osteoarthritis. See 21 CFR § 202.1(e)(6)(x). BI has advised us that the
reference in the advertisement to "data on file" ("Data on file, Boehringer Ingelheim Pharmaceuticals,
Inc.") is an editorial in a supplement to the journal <i>Inflammation Research</i> (<i>Inflamm Res</i> 2001; 50
Suppl 1:S3-4.). Also in response to our request, BI provideddata from
Suppl 1:S3-4.). Also in response to our request, BI provided data from the Mobic Supplemental Application to NDA 20-938 (dated For several reasons,
the editorial does not substantiate the claim. First, although BI relies on the editorial's reference to
global sales of meloxicam for its claim of use in "45 million patients," the editorial itself does not cite
the source of the sales data for the number of patients treated with Mobic. Second, although the Mobic
ad refers to the only indication approved for use in the United States—osteoarthritis—the editorial
refers to numerous other conditions for which meloxicam is used internationally (i.e., an "estimated
cumulative exposure to meloxicam globally)" (emphasis added). Third, although the Mobic claim
refers to "Mobic® (meloxicam) tablets" (emphasis added), the editorial references other marketed
dosage forms of meloxicam, e.g., ampoules, capsules, and suppositories, such that the print ad claim
misleadingly inflates the actual number of Mobic 7.5 mg and 15 mg tablets used globally for
osteoarthritis. For the same reason, BI's reliance upon the data for
different dosage forms of meloxicam from the Mobic Supplemental Application to NDA 20-938 (dated
is not sufficient to support the claim.

Minimization of Risk Information

Promotional materials for prescription drugs may be false or misleading, and lacking in fair balance if they fail to present information relating to the risks associated with the use of the drug with a prominence and readability reasonably comparable to the presentation of information relating to the effectiveness of the drug (21 CFR §202.1(e)(7)(viii)). The efficacy claims in the Mobic ad are presented in terminology that can be understood by the typical consumer, which encourages readability by a wide audience. However, the risk information is presented in such a manner that it may be comprehensible only to healthcare professionals, which causes the ad to be misleading because consumers are the target audience.

Jeffrey R. Snyder Boehringer Ingelheim Pharmaceuticals Inc. NDA 20-938

Specifically, the benefit information in the ad is in the prominent subheading that states, "It's the osteoarthritis medicine with proven safety and efficacy used by 45 million patients in 100 countries for over five years." As discussed in the previous section, this statement is not substantiated. The information is presented in consumer-friendly terms.

The risk information in the ad is as follows:

"Important NSAID risk information: Patients should be informed about the signs and/or symptoms of serious GI toxicity and the steps to take if they occur. It has been demonstrated that upper GI ulcers, gross bleeding or perforation, caused by NSAIDs, appear to occur in approximately 1% of the patients treated for 3-6 months, and in about 2-4% of patients treated for one year."

This statement fails to adequately present significant risks associated with Mobic use because the statement neither defines the term "NSAID," nor does it identify Mobic as an NSAID. The headline "Important NSAID risk information" misleadingly distinguishes Mobic to appear to be in a different and safer drug class, when in fact it is a prescription NSAID just as Vioxx and Celebrex. Further, the information discussed under the heading "Important NSAID risk information" is not presented in consumer-friendly language, particularly the terms "serious GI toxicity", "upper GI ulcers", and "gross bleeding or perforation." Because the risk presentation is not presented in consumer-friendly terms when compared to the benefit information, the ad minimizes important risk information, and is therefore misleading.

Conclusions and Requested Actions

BI should immediately cease publication and distribution of this and other similar promotional materials for Mobic that contain the same or similar claims or presentations. BI should submit a written response to DDMAC on or before November 7, 2002, describing its intent and plans to comply with the above. In its letter to DDMAC, BI should include the date on which this and other similarly violative materials were discontinued.

BI should direct its response to the undersigned by facsimile at (301) 594-6759, or at the Food and Drug Administration, Division of Drug Marketing, Advertising, and Communications HFD-42, Rm. 8B-45, 5600 Fishers Lane, Rockville, Maryland 20857. In all future correspondence on this matter, please refer to MACMIS ID# 10563 as well as the NDA number. DDMAC reminds BI that only written communications are considered official.

Sincerely,

{See appended electronic signature page}

Christine Hemler Smith, Pharm.D. Consumer Promotion Analyst Division of Drug Marketing, Advertising, and Communications This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signature.

/s/

Christine Smith 10/24/02 02:56:57 PM

Attention Vioxx and Celebrex® Users:

AREVOU DISSATISFIED?

If so, ask your doctor about MOBIC. It's the osteoarthritis medicine with proven safety and efficacy used by 45 million patients in 100 countries for over five years.



Please see adjacent page for important safety information.

Virgo is a registered trademark of Merch & Co., Inc., Colobert is a registered trademark of Pharmacia Corporation 1-888-355-7550

www.mobictablet.com

Important NSAID risk information: Patients should be informed about the signs and/or symptoms of serious GI toxicity and the steps to take if they occur. It has been demonstrated that upper GI ulcers, gross bleeding or perforation, caused by NSAIDs, appear to occur in approximately 1% of the patients treated for 3-6 months, and in about 2-4% of patients treated for one year.

Reference: 1. Data an file, Bonheinger Ingelhein Pharmaceuticals, Inc.

Ask your doctor if MOBIC is right for you.

Osteoarthritis Sufferers

5 DAYS FREE QUID



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meloxicam



MOBIC* (metaxicam) Tablets 7.5 mg and 15 mg
Brief Summary of Prescribing information
MOICATIONS AND USAGE
MOBIC is indeated for felief of the signs and symptoms of unlegarithitis.

CONTRAINDICATIONS

MDBIC is contraindicated in patients with known hypersensitivity to meloxicam MOBIL is contraindicated in petiems with known important my to misoscarin, it should not be given to patients who have expenienced aishma, urticarin, or allergic hype reactions after taking aspirin or other NSAIDs. Severe, arealy latel, anaphylactic like reactions to NSAIDs have been reported in such patients (see MARNINGS, Anaphylactoria Reactions, and PRECAUTIONS, Pre-existing Asthma), manufactorial research and process of the processing asthma).

Gastrointestinal (GI) Effects - Risk of GI Ulceration, Bireding, and

Gastro-Intestinal (Bit) Effects - MISK or or uncersition, Breeding, and Parforation:

Serious gestro-inestinal toxicity, such as inflammation, bleeding, ubersidin, and perforation of the stormach, small intestine or large intestine, can occur at any perforation of the stormach, small intestine or large intestine, can occur at any lims, with or without warming symptoms, in patients treated with monateroidal and-inflammatory drugs (NSAIDs). Minor upper gastro-inestinal problems, such as dyspensia, are common and may also occur at any time during NSAID toxiday. Therefore, Physicians and patients should be informed about the signs and/or symptoms of symptoms. Patients should be informed about the signs and/or symptoms of serious Git toxiday and the steps to take it they occur. The utility of periodic aboratory monitoring has not been demonstrated, nor has it been adequately assessed. Only one in five patients who develop assessed and on NSAID therapy is symptomatic, it has been demonstrated that upper G utilizers, gross bleeding or perforation, caused by NSAIDs, appear to occur, in approximately 1% of the patients treated for 3-5 monits, and in about 2-4% of patients treated for one year. These trands continue flux, increasing the likelihood of developing a serious of event at some time during the course of therapy. However, oven short-form therapy is not without risk.

NSAIDs should be prescribed with extreme caution in those with a prior history.

the course of therapy. However, even short-form therapy is not without risk. NSAIDs should be prescribed with extreme caution in those with a prior history of ulder disease or gastrointestinal bleeding. Most spontaneous reborts of fatal 6 events are in cidedly or debilitated patients, and therefore special care should be taken in treating this population. To minimize the potential risk for an adverse 61 event, the lowest effective dose should be used for the shortest possible duration, For high-risk patients, alternate therapies that do not involve NSAIDs should be considered.

that do not involve NSAIDs should be considered.

Studies have shown that patients with a price history of peptic utcer disease and/or pastraintestinal bleeding and who use NSAIDs, have a greater than 10-floor lisk for developing a Giblesof than patients with neither of these risk factors. In addition to a peat history of utcer disease, pharmacoepidemiological studies have identified several other co-therables or co-merbid conditions that may increase the risk for Gibleeding such ast treatment with oral conficuency, treatment with anticoopidishs, longer duration of NSAID therapy, smoking, alcoholism, older age, and poor general health status.

Anaphylacticid Resoltions.

Anaphylactoid Reactions
As with other NSADs, anaphylactoid reactions have occurred in patients withsout known prior exposure to MOBIC. MOBIC should not be given to patients
with the asparin that. This symptom complex typically recors in astimulic
patients who experience thintits with or without nesal polyps, or who exhibit
severe, potentially talls fronchososam after taking asplan or other NSADs (see
CONTRANDICATIONS and PRECAUTIONS, Pre-existing Asthma). Emergency
help should be sought in cases where an anaphylactoid reaction occurs.
Advanced Renal Discase.

in cases with advanced kidney disease, treatment with MOBIC is not recom-manded. If NSAID therapy must be initiated, close monitoring of the patient's kidney function is advisuble (see PRECAUTIONS, Renal Effects).

Pregnancy is with other NSAIDs, MOBIC should be avoided because it in late prognancy, as with other NSAIDs, MOBIC should be avoided because it in late prognancy. may cause premature closure of the ductus arteriosus. PRECAUTIONS

General MOBIC cannot be expected to substitute for confections or to treat confection insufficiency. Abrupt discontinuation of confectioning may lead to discontinuation of confections may lead to discontinuation. Patients on prolonged confections order to discontinuation. their therapy tapored slowly if a decision is made to discontinue corticosteroids.

The pharmacological activity of MOBIC in reducing inflammation and possibly lever may diminish the utility of these diagnostic signs in detecting complications of presumed noninfectious, painful conditions.

Hepatic Effects Borderine elevations of one or more liver tests may occur in up to 15% of patients taking NSAIDs, including MOBIC, These laboratory abnormalities may regress, may remain unchanged, or may be transient with continuing therapy. Notable clevations of ALT of AST (approximately there or more times the upper limit of normaly have been reported in approximately 1% of patients in clinical mats with NSAIDs in addition, rare cases of severe the people respiritors, including joundice and test luminary hepatitis, liver necrosis and hepatic failure, some of them with fatal outcomes, have been reported with NSAIDs.

or ment with value outcomes, have been reported with mention, or in whom an abnormal liver test has occurred, should be evaluated for evidence of the development of a more sowier hepatic reaction while on therapy with MOBIC, if dirictal signs and symptomic consistent with twent disease develop, or it systemic manifestations occur. [8.9., resinophila, rash, etc.), MOBIC should be discontinued.

Renal Effects
Caution should be used when initiating treatment with MOBIC in patients with
considerable dehydration. It is advisable to rehydrate patients first and then
start therapy with MOBIC. Caution is also recommended in patients with preexisting bridney disease (see WARMINGS, Advanced Rana) Disease).

existing kidney disease (see WARNINGS, Advanced Renal Disease). Long-term administration of NSAIDs has resulted in renal papiliary recroits and other renal medulary changes. Renal brotish has also been seen in patients in whom renal protitigitanders have a compensationy role in the meintenance of renal perturbant. In these potients, administration of NSAIDs may cause doze-dependent reduction in prostalplandin formation and, secondarily, in renal blood flow, which may preclipitate ownt renal decompensation. Patients all greatest risk of his reaction are those with impaired trenal function, heart failure, liver dystinction, trock taking duretics and ACE inhibitors, and the story. Discontinuation of NSAID therapy is usually followed by recovery to the oretreatment state. The state it owhich metabolities may accumulate in patients with renal failure.

NONL merepy is usually coloned by recovery to the grometernori state. The extent to which metabolities may accumulate in patients with renal failure has not been studied with MOBIC. Because some MOBIC metabolites are excreted by the Koney, patients with significantly impaired renal function should be more closely monitored.

Hamotological Effects

Hematological Effects
Anerica is Sometimes seen in patients receiving NSAIDs, including MOBIC.
This may be due to fluid retention, Gl blood loss, or an incomposedy described effect upon enthropolesis. Patients on long-term treatment with NSAIDs, including MOBIC, should have their hemoglobin or hematocrit checked it they ny signs or symptoms of anemia.

Drugs which inhibit the prosynthesis of prostaglanding may interfere to some extent with plateful function and vascular responses to bleeding.

NSAIDS inhibit platelet aggregation and have been shown to prolong bleeding NSAIDS inhibit platelet aggregation and have been shown to prolong bleeding NSAIDS inhibit platelet function is quan-

piatelet function, such as those with coagulation disorders or patients several anticoagulants, should be carefully monitored.

Fluid Retention and Edema Find neterrior and Edema Find relation and Edema have been observed in some patients taking NSAIDs, including MOBIC. Therefore, as with other NSAIDs, MOBIC should be used with caution in patients with fluid retartion, hypertension, or heart failure.

caution in patients with fluid retention, hypertension, or near resurte.

Pre-exicting Ashma
Pre-exicting Ashma
Palients with ashma may have aspirin-sensitive ashmo. The use of aspirin in intents with ashma may have aspirin-sensitive ashma has been associated with severe branchospasm which can be falls. Since cross reactivity, including bronchospasm, between aspirin-sensitive pattents, MOBIC, file boold not be administered to patients with this term of aspirin-sensitivity and should be used with causion in patients with pre-existing authors.

Information for Patients
MOBIC, like other diugs of its class, can cause discomfort and, larely, more samples adeleted, such as gastrointestinal bleeding, which may result in hospitalization and civen latal outcomes. Although serious GI tract ulcerations and bleeding can occur without warning symptoms, patients should be identified in the signs and symptoms of ulcerations and bleeding, and should ask for medical advice when observing any indicative signs or symptoms. Patients should be made aware of the importance of this follow-up (see WARNINGS.)

Patients should report to their physicians signs or symptoms of gastrointestinal

Patients should report to their physicians signs or symptoms of gastrointestinal utceration or bleeding, skin rath, weight gain, or edema.

uceration or bleeding, son rish, weight gain, or econia.

Patients should be informed of the warning signs and symptoms of hecatoloxictry (e.g., nauvee, Tatigue, Inthany, pruntus, joundos, right upper quadrant tenderness, and "flu-like" symptoms, it these occur, patients should be instructed
to stop therapy and seek immodiate medical therapy.

Patients should also be instructed to seek immediate emergency help in the
case of an anaphylicited reaction free Walninin(S). Anaphylicitoid Reactions).

in late pregnancy, as with other NSAIDs, MOBIC should be avoided because it may cause premature desure of the ductus afteriosus.

Laboratory Tests Parents on long-term treatment with NSAIDs should have their CBC and a chen ements on long-term pearment with recovers should have their ober and a cirent-stry profile checked pendicially if cinical signs and symptoms considerate with fixed or renal discrete devision systemic manifications occur (e.g., ecsinophiko, rish, etc.) or if abnormal fixer tests petial or worson. MOSIC should be discontinued.

Drug Interactions

ACE inhibitors Reports suggest that NSAIDs may diminish the antihyp

or real discree deviato higher transmission of spring the real discree deviator has been at the provided for the provided for

sis by MOBIC. Patients on Hintern mearment should be closely monitored when MOBIC is introduced or withdrawn. Methobrate A study in 13 rhisumatoid anthritis (RA) patients evaluated the effects of multiple dozes of meloricam on the pharmacokinetics of methodicam of the pharmacokinetics of single dozes of methodicate, in vitro, methodrexate did not displace melocicam from its human serum binding sites.

macoveries or single coses of methotrexale, in vitro, methotrexale did not displace meleocam from its human serum binding sites.

Warferin Anticoaculari activity should be monitored, particularly in the first few days after initiating or changing MOSIC therapy in potents receiving warfarin or similar agents, since these patients are at an increased risk of loseling. The effect of melosiciam on the anticoagulant effect of warfarin was studied in a group of healthy subjects receiving daily doses of warfarin was studied in a group of healthy subjects receiving daily doses of warfarin was studied in a group of healthy subjects receiving daily doses of warfarin was extragolatic agulant effect of worfarin as determined by protheromic time. However, one subject showed an increase in INR from 1,5 to 2,1. Caution should be used when administering MOSIC with warfarin since patients on warfarin warfarin may experience changes in INR and an increased risk of bleeding complications when a new medication is introduced.

Carcinogenic effect of melocicam was observed in rats given oral doses up to 8 or mg/kg/day (approximately 0,4 rold the human dose at 15 mg/day for a 50 kg adult based on body surface area convarsion) for 104 weeks or in mice given oral doses up to 8 or mg/kg/day (approximately 2,2-fold the human dose, as noted above) for 99 works.

Mclovicem was not mutagenc in an Amoc assay, or dastogenic in a chromo-

Micloxicam was not mutagenic in an Ames assay, or disstogenic in a chromo-some aborization assay with human lymphocytes and an in vivo micronucleus test in mouse bone marrow.

less in However done market. Melonale tertify in rais at oral doses up to 9 and 5 mptg/glogy, respectively (4,9-fold and 2,5-fold the human dose, as noted above). However, an increased incidence of embryoletheithy at oral doses 2.1 mp/kg/dby [0,5-fold the human dose, as noted above) was observed in rais whan dome were given meloxicam 2 weeks prior to matting and during early embryonic development.

Preghancy
Teratogenic Effects: Pregnancy Category C, Meloxicom caused an increased incidence of ceptal defect of fine heart, a rare event, at an oral dose of 50 mg/kg/day (54.5-(64) the human dose at 15 mg/kg/day 5.0 dog 3.6 dog 3

area conversion, when rais were a recent during the distance of freet of metadeam period. No studies have been conducted to evaluate the effect of metadeam on the closure of the ductus arteriosus in humans; use of metadicsm during the linit firmester of pregnancy should be avoided.

the Ihird Immester of Dregnancy should be avoided.

Labor and Delivery

Studies in rats with meloxicam, as with other drugs known to inhibit prostaglandin synthesis, showed an increased incidence of stillbirths, increased length of delivery time, and delayed parturtion at oral disages 2 increased length of delivery time, and delayed parturtion at oral disages 2 increased length of delivery time, and decreased public to a 50 kg and a solid state on body surface area conversion), and decreased public survival at any oral dose of 4 ing/kg/day (approximately 2 1-fold the human dose, as noted above) during late postation and the tactation period. Nursing Mothers

Nursing Mothers

Studies of meloxicam excretion in hunton milk have not been conducted; however, meloxicam was excreted in the milk of lactating rats at concentrations higher than those in pleama. Because of the potential for setious adverte reactions in nursing infants from MOBIC, a decision should be made whether to discontinue nursing or to discontinue the drug, taking into account the importance of the drug to the mother.

Pediatric Use

Prediatric Use

Safety and effectiveness in pediatric patients under 18 years of age have not been established.

with any NSAID, caution should be exercised in treating the circlety Geriatric Use

(65 years and bider). ADVERSE REACTIONS

ADVERSE REACTIONS

The MOBIC phase 2/3 clinical trial disbase includes 10,122 patients treated with MOBIC 15 mg/day, with MOBIC 7.5 mg/day and 3,505 patients treated with MOBIC 15 mg/day, MOBIC at these doses was administered to 661 patients for at least 6 months and to 312 patients for at least one year. Approximately 10,500 of these patients were treated in ten placebo and/or active-controlled esteoarthritis trials, castrointestinal (Gh adverse events were this most trequently reported adverse events were this most trequently reported adverse events were thing. A 12 most patients in all treatment groups across MOBIC trials.

Bastrointestinal (B) advarse events were the most frequently reported adverse events in all treatment groups across MOBIC trials.

A 12-week multicenter, double-blind, randomized trial was conducted in patients with osteparthritis of the knet or hip to compare the efficacy and safety of MOBIC with olacebo and with an active control.

The following adverse events (%) occurred in ≥ 2% of MOBIC 7.5 mg daily (n=154) and 15 mg daily (n=155) patients, respectively, in a 12-week osteoarthritis placebo- and active-controlled intait abdominal pain, 1.9%, 2.6%, damnez, 7.9%, 3.2%, inspectively, in a 12-week osteoarthritis placebo- and active-controlled intait abdominal pain, 2.9%, 1.9%, 2.6%, damnez, 7.9%, 3.2%, inspectively, in a 12-week osteoarthritis placebo- and active-controlled intait abdominal pain, 2.9%, 1.9%, 2.6%, 3.8%, paintrolled osteoarthritis, trial pain, 2.5%, 5.8%, 6.8%, datainess, 2.2%, 1.9%,

WHO preferred terms seems, edema dependent, edema peripheral and edema legs combined

WHO preferred terms rash, rash crythematous and rash medulo-papular combined As with other NSAIDs, higher doses of MOSIC (e.g., chronic daily 30 mg doss) were associated with an increased risk of serious GI events, therefore the daily dose of MOSIC should not exceed 15 mg.

were associated with an increased risk of serious Gilinvents, therefore the daily doce of MOBIC abuild not acceed 15 mg.

The following is a list of adverse drug reactions occurring in < 2% of patients receiving MOBIC in clinical trials involving approximately 15,400 patients, adverse reactions reported only in wordowinder post-marketing exochants, adverse reactions reported only in wordowinder post-marketing exochants, adverse reactions are proposed only in wordowinder proteins and the literature are shown in Italias and are considered rate (< 0.1%). Body as a Whole: allergic reaction, anaphysiciotid reachars including shock lace elems, stalgue, ever, hot literate, malaise, among, weight decrease, weight increase Cardiovascular anglina pectors, cardasc failure, hyperfersion, hypotension, myocardial infraction, vasculais Central and Peripheral Nervous Systems convulsions, paresthesia, tremot vertigo Bastroutestinate codins, dy mouth, duodernal ulcer, enuchation, esophaghis, pastric ulcer, gastrifie, gastrouschapsal reflux, gastroniestinal hemothege, hematheresis, hemothagic double enablished duodernal ulcer, periorated gastric ulcer, stomatics ulcerate Heart periorated duodernal ulcer, periorated gastric ulcer, stomatics ulcerate the Heart Rate and Rhythms arrhythmia, palpitation, biotecand Hematologic agranular (cytosis leukopania, purphra, himombocytopina liver and Billiary Systems Altificensed AST increased, AST increased, AST increased, AST increased, ST increased, and pathis, viurdios, abnormal toteaming, arxiety, appetite increased containing depression, nevous anexa, supportations, transcription, perphasion, syndrome, sweating honoreased, bark spridernal neonyasis, urtearia Special Senses: shoromal wision, personal mixthiome, as photoseasishiny reaction, purifics, Stevens-Johnson syndrome, sweating photoseasishing reactions, and photoseasishing reactions. Person timitate Uninary Systems albumphuria, BUI photoseasistics, taste perior son united successed, creating sections with melodicam preriodice. Four

OVERDUSABLE
There is limited experience with meloxicam overdose. Four cases have taken 8 to 11 times the highest recommended dose; all recovered. Chidestyramine is known to accelerate the clearance of melonicam.

is known to ecceed the to consider the intercent intercent.
Symptoms following acute NSAID overdose are usually limited to lethargy, drowsiness, nausa, vormiting, and epipartic pain, which are generally reversible with supportive care. Castromitestinal blaseding can occur. Severe posting may result in hyportension, south enough allure, headit dystunction, respiratory depression, commissions, cardiovasculer collapse, and cardioc arrest. Anaphylactod registions have been reported with therapeutic ingestion of NSAIDs, and may recent following all presentes. occur tollowing an overdose.

occur tollowing an overdose.

Patients should be managed with symptomatic and supportive care following an NSAID overdose. In cases of acute overdose, gastric lavage followed by activated charcoal is recommended. Gastric favage participant more than one hour stray overdose has little benefit in the treatment of overdose. Administration of activated charcoal is recommended for patients who prosent 1-2 hours after overdose. For substantial overdose or severely symptomatic natients, activated charcoal may be administrated repeatedly. Activated femoval of meloniciam by 4 gm oral doses of cholestyremine given these times a day was demonstrated in a clinical trial. Administration of cholestyramine may be useful following an everdose. Forced diureals, alkalinization of unite, hemodelysis, or hemogenision may not be useful due to high protein binding.

Rx only

Boehringer Ingelheim

MB-BS-(04/01)4057500/US/B