HIGHLIGHTS OF PRESCRIBING INFORMATION
These highlights do not include all the information needed to use meloxicam tablets safety and effectively. See full prescribing information for meloxicam tablets

- Cardiovaccular Risk.

 NAIDs may cause an increased risk of serious cardiovascular thrombotic events, myocardial infarction, and stroke, which can be fatal. This risk may increase with duration of use, Patients with cardiovascular disease or risk (acts) for cardiovascular disease may be at gravar risk, (5.3)

 Mistake an ix contradict acts for the treatment of peri-operative pain in the setting of covenary (Cartesinetts Risk) supery, retainent of peri-operative pain in the setting of covenary (Cartesinetts Risk).

 NAIDs cause an increased risk of serious gatrotinetts risk adverse events inciding beleding, ulceration, and peri-feration of the studence by interestine, which can be fatal. These events can occur at any time during use and without warning symptoms. Ederly patients are at greater risk for serious gatrotists risks are cents. (5.3)

Melwikam Tahlets are non-streviolal artisflammatory drug indicated for:

Osteoarthrife (OA)(1.1)

Rheumatoid Arthrife (RA) (12) Do the lowest effective dose for the shortest duration consistent with individual prasment goals for the individual patient.

• OA(2) and RA(2):
• Starting dose: 75 ang once only
• Doze may be increased to 15 mg once daly

......CONTRAINDICATIONS

Known hypersensitivity (e.g., anaphylactoid reactions and serious skin reactions) to meloxicam (4.1)
 History of asthma, urticaria, or other allergic-type reactions after taking aspirin or other NS AIDs (4.1)
 Use during the peri-operative period in the setting of coronary artery bypass graft (CABO) surgery (4.2)

we using the peri operative period in the setting of contoury arrays (page 100 met NAID). (4.1)

WARNINGS AND PRECAUTIONS

Serious and potentially facil activation (city (Vithornholece verse, specially inflation), and stroke. Patients with Serious and potentially facility (Vithornholece verse, specially inflation), and stroke. Patients with Serious and potentially (Clarifornece verse which can be facil The risk greater in patients with a prior history of under other see of 100 meteors, and arrays, severe hapite risk for [10 meteors, epecially the self-troit, (cit) were express.

For example, and arrays, severe hapite risks (for 10 meteors, epecially the self-troit, (cit) were express.

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Filled resultion and elebera, 5though the used with carsion is patients with find restration on heart failure, (Cit).

The use of melasticam is patient with carsion is patients with find restration of the control of the cont

Most common (25% and greater than placebo) adverse events in adults are diarrhea, upper respiratory tract infections dyspepts, and finenza-like symptoms (6.1)

dyspens, and interease lies symptoms (c.1)
To report SINEET DADVERSE REACT TONS, contact 25 dus Pharmaceuticals (USA) lac, at 1.477-993-4779
at FDA at 1.488-FDA 1.988 at world fage viner-busith.

WHICH INTERCED TONS.

Committee of the contract to the contract of the contract of the contract of the contract to the contract of the con

USE IN SPECIFIC POPULATIONS
 Based on animal data, may cause fetal harm. Starring at 30 weeks gestation, mekotkam should be aviciouse of the ductus arterious in the fetus may occur. (5.9, 8.1)
 Narsing Mothers: Use with cutuoti, as melosiciam may be excreted in human mlik (8.3)

See 17 for PATIENT COUNSELING INFORMATION and Medication Guide.

Revised: 4/2011

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FULL PRESCRIBING INFORMATION

WARNING: RISK OF SERIOUS CARDIOVASCULAR and GASTROINTESTINAL EVENTS

EVENTS

Nonsteroidal anti-inflammatory drugs (NSAIDs) may cause an increased risk of serious cardiovacular (CV) thrombotic events, myocardial infarction, and stroke, which can be fatal. This risk may increase with duration of use. Patients with cardiovascular disease or risk factors for cardiovascular disease may be at greater risk lees WARINIOS AND PRECAUTIONS (5.1).

Meloxicam is contraindicated for the treatment of perioperative pain in the setting of conviany artery bytes graft (CABCS) gragery [see CONTRAINDICATIONS (4.2) and WARNINGS AND PRECAUTIONS (5.3)].

WARNINGS AND PRECAUTIONS [3,1]).

Solid Transcript of the Agreement of the State of

1 INDICATIONS AND USAGE 1.1 Os teo arthritis (OA) Meloxicam tablets are indicated for relief of the signs and symptoms of osteoarthritis [see CLINICAL STUDIES (14.1)].

1.2 Rheumatoid Arthritis (RA)

Meloxicam tablets are indicated for relief of the signs and symptoms of rheumatoid arthritis [see CLINICAL STUDIES (14.1)].

2 DOSAGE AND ADMINISTRATION

2.1 General Instructions

Carefully consider the potential benefits and risks of meloxicam tablets and other treatment options before deciding to use meloxicam tablets. Use the lowest effective does for the shortest duration consistent with individual patient reasoner goals few PARMINGS AND PRECAUTIONS (S.4). After observing the response to initial therapy with meloxicam tablets, adjust the dose to suit an individual patients needs.

Inadus, the maximum recommended daily oral dose of meloxicam tablets are 15 mg regardless of formalation. In patients with hemodialysis, a maximum daily dosage of 7.5 mg is recommended [see WARNINGS AND PRECAUTIONS (8.7) AND CLINICAL PHARMACOLOGY (12.3)].

Meloxicam may be taken without regard to timing of meals.

2.2 Os teo arthritis

For the relief of the signs and symptoms of osteoarthritis the recommended starting and maintenance oral dose of meloxicam tablets is 7.5 mg once daily. Some patients may receive additional benefit by increasing the dose to 15 mg once daily.

2.3 Rheumatoid Arthritis

2.3 Necumatous Arturnus For the relief of the signs and symptoms of rheumatoid arthritis, the recommended starting and maintenance oral dose of meloxicam tablets is 7.5 mg once daily. Some patients may receive additional benefit by increasing the dose to 15 mg once daily.

3 DOSAGE FORMS AND STRENGTHS

- Tables:

 7.5 mg, yellow, round-shaped, flat beveled edge, uncoated tablets debossed with 'ZC' and '25' on one side and plain on other side

 1.5 mg, yellow, round-shaped, flat beveled edge, uncoated tablet debossed with 'ZC' and '26' on one side and plain on other side

4 CONTRAINDICATIONS

4.1 Allergic Reactions

Meloxicam Tables are contraindicated in patients with known hypersensitivity (e.g. anaphylactoid reactions and serious skin reactions to meloxicam. Meloxicam tables should not be given to patients who have experienced astimu, utricaria, or allergic-type reactions after taking apprint or other NSAIDs. Severe, rarely fatal, anaphylactic-like reactions to NSAIDs have been reported in such patients (see WARNINGS AND PRECAUTIONS (5.7, 5.13)).

4.2 Coronary Surgery

Meloxicam tablets are contraindicated for the treatment of peri-operative pain in the setting of coronary artery bypass graft (CABG) surgery [see WARNINGS AND PRECAUTIONS (5.1)].

5 WARNINGS AND PRECAUTIONS

5.1 Cardiovas cular Thrombotic Events

5.1 Lardowscutur Incombotic Events

Clinical risks of several COX-2 selective and nonselective NSAIDs of up to three years' duration have shown an increased risk of serious cardiovascular (CV) phrombotic events, mpocardial infraction, and the shown increased risk of serious cardiovascular (CV) phrombotic events, mpocardial infraction, and the serious cardiovascular cardiovascular (CV) disease my be a greater risk. To minimize the potential risk for an adverse CV event in patients treated with an NSAID, the lowest effective dose should be used for the shortest duration possible. Physicians and patients should remain alert for the development of such events, even in the absence of previous CV symptoms. Patients should be informed about the signs and entry symptoms of current CV events and the segme to take I they special.

Two large, controlled, clinical trials of a COX-2 selective NSAID for the treatment of pain in the first 10-14 days following CABG surgery found an increased incidence of myocardial infarction and stroke [see CONTRAINDICATIONS (4.2)].

There is no consistent evidence that concurrent use of aspirin mitigates the increased risk of serious CV thrombotic events associated with NSAID use. The concurrent use of aspirin and an NSAID does increase the risk of serious GI events [see WARNINGS AND PRECAUTIONS (5.2)].

5.2 Gastrointestinal (GI) Effects - Risk of GI Ulceration, Bleeding, and Perforation

5.2 Castrointestinal (GJ) Effects - Risk of GI Ulceration, Bleeding, and Perforation
NSAIDs, including molosicum, can cause serious gastrointestinal (GJ) aberes events including
inflammation, bleeding, ulceration, and perforation of the stomach, small intestine, or large intestine,
which can be faul. These serious adverse events can cover at any time, with or without warring
symptoms, in patients treated with NSAIDs. Only one in five patients who develop a serious upper GI
adverse event on NSAID therapy is symptomatic. (Upper GI ulters, gross beforeign, or perforation
caused by NSAIDs, occur in approximately 118 of patients treated for 3-6 months, and in about 2-4% of
table of the contraction of the contrac

short-term therapy is not without risk.

Prescribe NASIDs, including meloxicam, with extreme caution in those with a prior history of ulcer disease or gastroitrestinal bleeding, Patients with a prior history of peptic ulcer disease and/or gastrointestinal bleeding who use NASIDs have a greater than 16-fuld increased risk for developing a gastrointestinal bleeding who use NASIDs have a greater than 16-fuld increased risk for developing a Gastrointestinal benefit with the properties of the prope

unereuter, special care should be taken in reading hits population.

To institute the potential issift or an adverse GI event in paties reased with an NSAID, use the lowest effective done for the chornest possible churation. Patients and physicians should remain alert for signs and symptoms of I dit evention and belonging and incompletely and proposity in titize additional evolution and reastment if a serious GI adverse event is suspected. This should include discontinuation of melonicamunals aerious GI adverse event is ruled out. For high-risk patients, consider alternate therapies that do not involve NSAIDs.

20.1 tepatic Effects
Booterine electrons of one or more liver tests may occur image to 15% of gathern taking NSAIDs
Booterine electrons of one or more liver tests may occur image to 15% of gathern taking NSAIDs
Booterine electrons. These behaviors abstracting some groups and present unchanged, or may be
transfer with contraining therapy. Notable electrations of ALT or AST approximately three or more
times the upper limit of normal) have been reported in approximately 15% of patients in clinical trials
with NSAIDs. In addition, area cases of severe bepatic reactions, including justifice and fault lutinate
hepatists, liver necrosis and hepatic failure, some of them with faat outcomes have been reported (se
ANVERGE BEACTIONS (6.1)).

A patient with sympos and/or signs suggesting liver dysfunction, or in whom an abnormal liver test has occurred, should be evaluated for evidence of the development of a more severe hepatic reaction while on therapy with neboticant. If clinical signs and sympos consistent with the efficace develop or if sysmetic marfestations corre (e.g. ecolopsalla), rash, etc., liceotime melosticant (see USE IN PARCHET PROPILATIONS (6.8) AND CLINICAL PHARMACOLOGY (12.3).

5.4 Hypertension

NSAIDs, including meloxicam, can lead to onset of new hypertension or vorsening of pre-existing
hypertension, either of which may contribute to the increased incidence of CV evens. NSAIDs,
including meloxicam, should be used with candon in patients with hypertension. Blood pressure (BP)
therapy.

Little in the contribution of NSAID elements and thoughout the course of the region that course in the region to the course of the region to the region of the r

Patients taking ACE inhibitors, thiazides or loop diuretics may have impaired response to these therapies when taking NSAIDs.

5.5 Congestive Heart Failure and Edema

Fluid retention and edema have been observed in some patients taking NSAIDs. Use meloxicam with caution in patients with fluid retention, hypertension, or heart failure.

5.6 Renal Effects

Do Remal Effects

Long-term durinistication of NSAIDs, including meloxicam, can result in renal papillary necrosis, renal insufficiency, acute renal failure, and other renal injury. Benul toxicity loss also been seen in patients in whom renal prostagalantish new a compensatory role in the maintenance of renal prefusion in threst patients, administration of a nonsteroidal anti-inflammatory drug may cause a doss-dependent reduction in prostaglandin formation and, secondarily, in renal blood flow, which may percipitate over trenal decompensation. Patients at greatest risk of their exection are those with impaired renal function, heart failure, lived "systerion, hose basing distincts, ACE-inhibitors, and angionists in Terceptor amagonists, and the elderly. Discontinuation of NSAID therapy is usually followed by recovery to the preventions state.

preteament state. A planma coline is suit in judicias with mild and moderate renal impairment revealed that no dosage adjustmens in these patient populations are required. Patients with severe renal impairment have not been studied. The use of meloxicant in pulsers with severe renal impairment with CGI less than 20 mil.min is not recommended. A study performed in patients on hemodalayis revealed that adhough overall Cmap was dimitished in this population, the proportion of free drug not bound to plasma was increased. Therefore It is recommended that meloxicamdosage in this population not exceed 7.5 mg per dependent of the proposation of the renal function of patients with impaired renal functions who are aking meloxicamipee DOSAGE AND ADMINISTRATION (2.1), USE IN SPECIFIC POPULATIONS (6.7) AND CLINICAL PHARMACOLOGO (712.3).

(8.4) AND CLINICAL PHARMACOLOGY (12.3).
Use custon when intituding reasons with meloxican in gasters with considerable dehydration, it is advisable to rehydrate patients first and then start therapy with meloxicam Caution is also recommended in patients with pre-existing bidney disease.
The extent to which metabolities may accumulate in patients with resul impairment has not been studied with meloxicam Because some meloxicam metabolities are excreted by the bidney, monitor patients with significant real injuriment closely.

5.7 Anaphylactoid Reactions

As with other NSAIDs, anaphylactoid reactions have occurred in patients without known prior exposure to meloxiciam Meloxicam Stoudard to the given to patients with the spirit railed. This symptom complex eyideally occurs in adminute patients who experience rhitatis with or without usal polypa, or who replaced to the several possibility to overloop sense to also applied more NSAIDs (see CONTRANDELATIONS (4.1) AND WARNINGS AND PRECAUTIONS (5.1). Seek emergency

5.8 Adverse Skin Reactions

NSAIDs, including meloxicam, can cause serious skin adverse events such as exfoliative dermatids Stevens-Johnson Syndrome (SIS), and toxic epidermal necrolysis (TEN), which can be fatal. These serious events may occur without warring. Inform patients about the signs and symptoms of serious manifestations and discontinue use of the drug at the first appearance of skin rash or any other sign.

5.9 Pregnancy

Starring at 30 weeks gestation, avoid the use of meloxicam, because it may cause premature closure of the ductus arteriosus [see USE IN SPECIFIC POPULATIONS (8.1) AND PATIENT COUNSELING INFORMATION (17.8)].

5.10 Corticosteroid Treatment

Meloxicam cannot be expected to substitute for corticosteroids or to treat corticosteroid insufficiency. Abrupt discontinuation of corticosteroids may lead to disease exacerbation. Slowly taper patients on prolonged corticosteroid therapy If a decision is made to discontinue corticosteroids.

5.11 Masking of Inflammation and Fever

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

5.12 Hematological Effects

Anemia may occur in patients receiving NSAIDs, including meloxicam. This may be due to fluid retention, occult or gross G blood loss, or an incompletely described effect upon erythropoiesis. Patiens on long-term treatment with NSAIDs, including nedoxicam, should have their hemoglobin or hematocrit checked if they exhibit any signs or symptoms of anemia.

NSAIDs inhibit platelet aggregation and have been shown to prolong bleeding time in some patients. Utilike aspirin, their effect on platelet function is quartitatively less, of shorter duration, and reversible Carefully monitor patients treated with meloxicam who may be adversely affected by alterious in platelet function, such as those with coagulation disorders or patients receiving anticoagulants.

5.13 Use in Patients with Pre-existing Asthma

Patients with asthma may have aspiriti-sensitive asthma. The use of aspirin in patients with aspiriti-sensitive asthma has been associated with severe bronchospam, which can be faul. Since cross reactivity, including borochospam, between aspirina and one NSADb has been reported in such aspiriti-sensitive patients, nelrobic and should not be admissared to patients with disform of aspiriti-sensitivity and should be used with canon in patients with pre-existing asthma.

5.14 Monitoring

Because serious GI tract ulcerations and bleeding can occur without warring symptoms, physicians should monitor for signs or symptoms of GI bleeding. Patients on long-term resument with NSAIDs should have beit CEG. and a chemistry profile checked periodically. It clinical signs and symptoms consisters with liver or renal disease develop, systemic manifestation so occur (e.g., eosinophilia, rash, etc.) or I abhormal liver tests persist to worsen, enlocidams hould be discontinued.

6 ADVERSE REACTIONS

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

and may not reflect the rates observed in practice.

The following serious adverse reactions are discussed elsewhere in the labeling:

Cardiovascular thrombotic events [see BOXED WARNINGS AND WARNING AND PRECAUTIONS (5.3)]

PRECAUTIONS (5.3)

FROM SERIOUS AND PRECAUTIONS (5.3)

Heapton effects [see WARNINGS AND PRECAUTIONS (5.3)]

Hypertension (see WARNINGS AND PRECAUTIONS (5.4)]

Congestive hear failure and edems [see WARNINGS AND PRECAUTIONS (5.5)]

Renal effects (see WARNINGS AND PRECAUTIONS (5.7)]

Amphylactuid reaction [see WARNINGS AND PRECAUTIONS (5.7)]

6.1 Clinical Trials Experience

Osteoarbritis and Rheumatol Arbritis

The meloxicam Phase 23c Illical trail database includes 10,122 OA patients and 1012 RA patients treated with meloxicam 25 mg/day, 3,505 OA patients and 1351 RA patients reteated with meloxicam 15 mg/day. Meloxicam at these doses was administered to foll patients for a least for morths and 0 312 patients for at least one year. Approximately 10,200 of these patients were rested in ten placebo—and/or active-comrolled rosecurathris trails and 225s of these patients were reseted in ten placebo—and/or active-comrolled rheumatol arbritis straits. Garcointestinal (G) adverse events were the most freepartly reported adverse events and 10 reasmer groups excess melocatemators. A 12-week malticenter, double-blind, randomized trial was conducted in patients with osteoarthrists of the lace or high part compare the efficiency and safety of meloxicam with placebo and with an active the laces of the patients.

Table 1a depicts adverse events that occurred in ≥2% of the meloxicam treatment groups in a 12-week placebo- and active-controlled osteoarthritis trial.

Table 1b depicts adverse events that occurred in \geq 2% of the meloxicam treatment groups in two 12-week placebo- controlled rheumatoid arthritis trials.

Table 1aAdverse Events (%) Occurring in ≥ 2% of Meloxicam Patients in a 12-Week

	Placebo	Meloxicam 7.5 mg daily	Meloxicam 15 mg daily	Diclofenac 100 mg dai
No. of Patients	157	154	156	153
Gastrointestinal	17.2	20.1	17.3	28.1
Abdominal Pain	2.5	1.9	2.6	1.3
Diarrhea	3.8	7.8	3.2	9.2
Dyspepsia	4.5	4.5	4.5	6.5
Flatulence	4.5	3.2	3.2	3.9
Nausea	3.2	3.9	3.8	7.2
Body as a Whole				
Accident Household	1.9	4.5	3.2	2.6
Edema ¹	2.5	1.9	4.5	3.3
Fall	0.6	2.6	0.0	1.3
Influenza-Like Symptoms	5.1	4.5	5.8	2.6
Central and Peripheral Nervous System				
Dizziness				
	3.2	2.6	3.8	2.0
Headache	10.2	7.8	8.3	5.9
Respiratory				
Pharyngitis	1.3	0.6	3.2	1.3
Upper Respiratory Tract				
Infection	1.9	3.2	1.9	3.3
Skin				
Rash ²	2.5	2.6	0.6	2.0

WHO preferred terms edema, edema dependent, edema peripheral and edema legs c 2WHO preferred terms rash, rash erythematous and rash maculo-papular combined

Table 1bAdverse Events (%) Occurring in ≥ 2% of MELOXICAM Patients in two 12-Week

	Placebo	Meloxicam 7.5 mg daily	Meloxican 15 mg daily
No. of Patients	469	481	477
Gas trointes tinal disorders	14.1	18.9	16.8
Abdominal pain NOS ²	0.6	2.9	2.3
Dyspeptic signs and symptoms 1	3.8	5.8	4.0
Nausea ²	2.6	3.3	3.8
General disorders and administration site condi	tions		•
Influenza like illness ²	2.1	2.9	2.3
Infection and infestations			
Upper respiratory tract infections- pathogen class unspecified ¹	4.1	7.0	6.5
Musculos keletal and connective tissue disord	lers		•
Joint related signs and symptoms 1	1.9	1.5	2.3
Nervous system disorders	•		•
Headaches NOS ²	6.4	6.4	5.5
Skin and subcutaneous tissue disorders			
Rash NOS ²	1.7	1.0	2.1

unspecified (laryngitis NOS, pharyngitis NOS, sinusitis NOS), joint related signs and symptoms farthralgia, arthralgia aggravated, joint crepitation, joint effusion, joint swelling)

MedDRA preferred term nausea, abdominal pain NOS, influenza-like illness, headaches NOS, and tash NOS

The adverse events that occurred with meloxicam in ≥2% of patients treated short-term (4-6 weeks) and long-term (6 months) in active-controlled osteoarthritis trials are presented in Table 2

Table 2Adverse Events (%) Occurring in ≥ 2% of Meloxicam Patients in 4 to 6 Weeksand 6 Month Active-Controlled Osteoarthritis Trials

	4-6 Weeks Controlled Trial		Month Controlled T	
	Meloxicam	Meloxicam	Meloxicam	Meloxican
	7.5 mg daily	15 mg daily	7.5 mg daily	15 mg dail
No. of Patients	8955	256	169	306
Gas trointes tinal	11.8	18.0	26.6	24.2
Abdominal Pain	2.7	2.3	4.7	2.9
Constipation	0.8	1.2	1.8	2.6
Diarrhea	1.9	2.7	5.9	2.6
Dyspepsia	3.8	7.4	8.9	9.5
Flatulence	0.5	0.4	3.0	2.6
Nausea	2.4	4.7	4.7	7.2
Vomiting	0.6	0.8	1.8	2.6
Body as a Whole				
Accident Household	0.0	0.0	0.6	2.9
Edema*	0.6	2.0	2.4	1.6
Pain	0.9	2.0	3.6	5.2
Central and Peripheral Nervous System Dizziness	1.1	1.6	2.4	2.6
Headache	2.4	2.7	3.6	2.6
Hematologic Anemia	0.1	0.0	4.1	2.9
Mus culos keletal				
Arthralgia	0.5	0.0	5.3	1.3
Back Pain	0.5	0.4	3.0	0.7
Psychiatric				
Insomnia	0.4	0.0	3.6	1.6
Respiratory				
Coughing	0.2	8.0	2.4	1.0
Upper Respiratory tract Infection	0.2	0.0	8.3	7.5
Skin				
Pruritus	0.4	1.2	2.4	0.0
Rash [†]	0.3	1.2	3.0	1.3
Urinary				
Micturition Frequency	0.1	0.4	2.4	1.3

U.S Urinary Tract Infection

* WHO preferred terms edema, edema dependent, edema peripheral, and edema legs combin
† WHO preferred terms rash, rash erythematous, and rash maculo-papular combined

Higher doses of meloxicam (22.5 mg and greater) have been associated with an increased risk of serious GI events; therefore, the daily dose of meloxicam should not exceed 15 mg.

The following is a list of adverse drug reactions occurring in <2% of patients receiving meloxicam in clinical trials involving approximately 16,200 patients.

Body as a Whole allergic reaction, face edema, fatigue, fever, hot flushes, malaise, syncope, weight dec Cardiovascular angina pectoris, cardiac failure, hypertension, hypotension, myocardial infarction, vasculitis Central and Peripheral Nervous System convulsions, paresthesia, tremor, vertigo
Gas trointestinal collis, dry mouth, duodenal ulcer, eructation, esophagitis, gastro cleer, gastritis, gastroesophageal reflux, gastrointestinal hemorrhagic duodenal ulcer, hemorrhagic gastric ulcer, intestinal perforation, melena, pancreatitis, perforated duodenal ulcer, perforated duodenal

art Rate and Rhythm Hematologic Liver and Biliary System leukopenia, purpura, thrombocytopenia
ALT increased, AST increased, bilirubinemia, GGT increased, hepatitis

Metabolic and Nutritional Psychiatric dehydration abnormal dreaming, anxiety, appetite increased, confusion, depression, nervousness, somnolence

Respiratory Skin and Appendages asthma, bronchospasm, dyspnea alopecia, angioedema, bullous eruption, photosensitivity reaction, pruritus, sweating increased, urticaria

Special Senses Urinary System abnormal vision, conjunctivitis, taste perversion, timitus albuminuria, BUN increased, creatinine increased, hematuria, renal failure

6.2 Post Marketing Experience

6.2 Post Marketing Experience.
The following adverse reactions have been identified during post approval use of meloxicam. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relatationship to drug exposure. Decisions about whether to include an adverse event from spontaneous reports in labeling are typically based on one or more of the following factors: (1) seriousness of the event, (2) marker of reports, or (3) strength of casasi relationship to the drug. Adverse reactions reported in worthwise post marketing experience or elevation; analysis control of the control of the drug and the control of the co

7 DRUG INTERACTIONS

See also Clinical Pharmacology (12.3).

7.1 ACE-inhibitors

NSAIDs may diminish the antihypertensive effect of ACE-inhibitors. This interaction should be given consideration in patients taking meloxicam concomitantly with ACE-inhibitors.

7.2 Aspirin

View purposes and the state of the state of

aspinins so generally recommended account of the potential for increased areas effects.

Concomitant administration of low-dose aspirin with meloxicam may result in an increased rate of GI ulceration or other complications, compared to use of meloxicam alone. Meloxicam is not a substitute for aspirin for cardiovascular prophylaxis.

7.3 Diuretics

7.4 Diaretics

Clinical studies, as well as post marketing observations, have shown that NSAIDs can reduce the nartiretic effect of furosemide and thiazides in some patients. This response has been attributed to inhibition of renal prostaglandin synthesis. However, studies with furosemide agens and melostican have not demonstrated a reduction in naturative effect. Furosemide single and maltiple dose pharmacolymetics and pharmacolymetics are not affected by multiple doses of melosican Nevertheless, during concentiant therapy with melosicant patients should be observed closely for signs of renal failure (see WARNINGS AND PRECAUTIONS (5.8)), as well as to ensure diaretic efficacy.

7.4 Lithium

In a study conducted in healthy subjects, mean pre-dose lithium concentration and AUC were increased by 21% in subjects receiving lithium doses ranging from 804 to 1072 mg twice daily with melosican 15 mg every day as compared to subjects receiving lithium alone. These effects have been attributed to inhibition of read prostaglatink synthesis by melosicam Closely monitor patients on lithium reament for sign of lithium toxicity when melosican is introduced, allossed, or withdraws.

7.5 Methotrexate

As neurotreau

NSAIDs have been reported to competitively inhibit methorrexate accumulation in rabbit kidney.
Therefore, NSAIDs may reduce the elimination of methotrexate, thereby enhancing the toxicity methotrexate. Use caution when meloxicam is administered concomitantly with methotrexate [see CLINICAL PHARMACOLOGY (123)].

7.6 Cyclosporine

Meloxicam, like other NSAIDs, may affect renal prostaglandins, thereby altering the renal toxicity of certain drugs. Therefore, concomitant therapy with meloxicam may increase cyclosporine's mephrotoxicity. Use caution when meloxicam is administered concomitantly with cyclosporine.

7.7 Warfarin

The effects of warfarin and NSAIDs on GI bleeding are synergistic, such that users of both drugs together have a risk of serious GI bleeding higher than users of either drug alone.

Monitor anticoagular activity, particularly in the first few days after initiating or changing meloxicam therapy in patients revolving warfarin or similar agents, since these patients are at an increased risk of bleeding than with the use of either drug alone. Use caution when administering meloxicam with warfarin since patiers on warfarin may experience changes in INR and an increased risk of bleeding complications when administering meloxicam with the complications when a new medications is irroducted [see CLINICAL PHARMACOLOGY (12.3)].

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

nancy Category C; Category D starting 30 weeks gestation.

There are no dequate and well-controlled studies in pergunt women. Meloxicam crosses the placettal barrier, Prior to 30 weeks gestation, use meloxicamduring pregnary only if the potential benefit is usuffered, scarring at 30 weeks gestation, with emborace and other NSAIDs, in pregnart women as premature closure of the ductus arterious in the fetus may occur. If this found is usuff depoted that the magnetic depote the control is useful depoted by the foundation of the control is useful depoted. The special pressure crosure of the duties are reisons in the fetus may occur. If this drug is used during this time period in pregnancy, inform the patient of the potential bazard to a fetus [see WARNINGS AND PRECAUTIONS (5.9) AND PATIENT COUNSELING INFORMATION (5.9) AND PATIENT CO

Teratogenic Effects

Terubgenic Effects
Melosciam was not teruogenic when administered to pregnant rats during fetal organogenesis at oral
doses up to 4 mg/kg/day (2.6-fold greater than the maximum recommended human daily dose (MiRHD)
based on londy strates erae (BSA) (comparison). Administration or inductions up regnant rabbis
based on long strates erae (BSA) (comparison). Administration or inductions up regnant rabbis
dose of 80 mg/kg/day. The no effect level was 20 mg/kg/day (26-fold greater than the MRHD based on
BSA comparison).

Nonteratogenic Effects

To measurement and the company of th

8.2 Labor and Delivery

The effects of motions mon above and delivery of pregnars women are usknown. Oral administration of meloxicam to pregnar tass during laze gestation through lactation increased the incidence of dystocia, deleayed partners, and decreased of objecting survival at meloxicam doses of 0.128 mg/agd/sor greater (at least 12.5 times lower than the maximum recommended human daily dose based on body surface area comparison).

It is not known whether this drug is excreted in human milk; however, meloxicam was excreted in the milk of lexitanting ras at concentrations higher than those in plasma. Becase many drugs are excreted human milk and because of the potential for serious adverse reactions in unsing infasts from meloxical a decision should be made whether to discontinue runsing or to discontinue the drug, taking into according the importance of the drug to the mother.

8.4 Pediatric Use

Use of this drug for a pediatric indication is protected by marketing exclusivity

8.5 Geriatric Use

Bo. Geranire Use
As with any NSAID, caution should be exercised in treating the elderly (65 years and older).
Of the total number of subjects in clinical studies, 5157 were age 65 and over (4044 in OA studies and 1113 in RA studies). No overall differences in safety or effectiveness were observed between these subjects and younger subjects, and obtain reproned clinical experience has not identified differences in castions between the elderly and younger patients, but greater sensitivity of some older individuals cannot be ruled out.

8.6 Hepatic Impairment

No dose adjustment is necessary in patients with mild to moderate hepatic impairment. Patients with severe hepatic impairment have not been adequately studied. Since meloxicam is significantly metabolized in the liver, the use of meloxicam in these patients should be done with caution [see WARNINGS AND PRECAUTIONS (5.3) AND CLINICAL PHARMACOLOGY (12.3)].

8.7 Renal Impairment

o. rema impariment.
No does adjustment is necessary in padients with mild to moderate renal impairment. Padients with sever renal impairment have not been studied. The use of meloxicam in subjects with severe renal impairment is not recommended. Following a single does of imploxicam, the Free Casar plants on consentations were in sort recommended for following a single does of imploxicam, the Free Casar plants on consentations were volunteers, 10.3% free fraction. Therefore it is recommended that meloxicam dosage in this population not exceed 7.5 mg per day Herndalaysis do not lower the tool drug concentration in plants, therefore one case of the property of the prope additional doses are no necessary after hemodialysis. Meloxicamis not dialyzable [see DOSAGE AND ADMINISTRATION (2.1), WARNINGS AND PRECAUTIONS (5.6) AND CLINICAL PHARMACOLOGY (12.3)].

There is limited experience with melosicam overdose. Four cases have taken 6 to 11 times the highest recommended dose; all recovered Cholestynamine is hown to acclerate the cleanare of melosicam. Symptoms following acute NSAID overdose include lethargy, drowsiness, nusaes, ourning, and epigastric pain, which are generally reversible with supportive care. Gastrointestinal bleeding can coru. Severe poisoning muy restall in hopperention, acute mental failure, peptial objectation, respirator coru. Severe poisoning muy restall in hopperention, acute mental failure, peptial objectation, respirator per support of the properties of the

depression, coma, convulsions, cardiovascular collapse, and cardiac arrest. Anaphylactoid reactions have been reported with therapeutic ingestion of NSAIDs, and may occur following an overdose.

Patients should be managed with symptomutic and support and the patients should be managed with symptomic and support and the patients should be managed with symptomic and support and the patients who present 1-2 hours after overdose. Administration of activated charcoal is recommended for patients who present 1-2 hours after overdose for substantial overdose or severely symptomatic patients, activated charcoal may be administered repeatedly. Accelerated removal of melosicamby 4 gm oral doses of fohlessynamine given three times a day was demonstrated in a clinical trial. Administration of cholestyramine may be useful following an overdose. Forced diarests, slabilization of urine, hemodialysis, or hemoperfusion may not be useful due to high prone in binding.

For additional information about overdose treatment, call a poison control center (1-800-222-1222).

11 DESCRIPTION

HINESCRIPTION

Melouicam, an oxicam derivative, is a member of the enolic acid group of nonseroidal antiinflammatory drugs (NSAIDs). Each yellow meloxicam abdet contains 7.5 mg or 15 mg rendocicam for
oral admiristration of Meloxicam is chemically designated a 4-phytony-2-methyl-7-fic methyl-1hitaosity/2-81-12-benzolulazine-X-arboxumide-11-olioxide. The molecular weight is 551.4. Its
enquirical formalia is Cyf_HyNgAGyS_ and this self-ollowing systematil formula.

Meloxicam is a pale yellow powder, practically insoluble in water, slightly soluble in acetone, soluble in dimethylformanide, very slightly soluble in ethanol (96 %) and in methanol. Meloxicam has an apparent partition coefficient (log $P_{\text{Japp}} = 0.1$ in n-octanol/buffer pH 7.4. Meloxicam has pKa values of 1.1 and 4.2.

Each meloxicam tablet irrended for oral administration contains 7.5 mg or 15 mg of meloxicam. In addition, each tablet cortains the following inactive ingredients: colloidal silicon dioxide, crospovidore, lactose monohydrate, magnesium stearate, nicrocrystalline cellulose, povidone and sodium citrate dihydrate.

22.1 Mechanism of Action

The mechanism of action of melosicam like that of other NSAIDs, may be related to prostaglandin synthesics (cycle-oxygenese) inhibition which is involved in the initial steps of the archidionic acid cacade, resulting in the related formation of prostaglandin, throatboanes and prostacylin. It is not completely understood how reduced synthesis of these components results in their proposite refusion.

12.2 Pharmacodynamics

12.3 Pharmacokinetics

Absorption

Absorption I he absolute bioavailability of meloxicam capsules was 89% following a single oral dose of 30 mg compared with 30 mg IV boils injection. Following single intravenous doses, dose-proportional pharmacolizates; were shown in the ange of 5 mg to 60 mg. After multiple oral doses the proportional pharmacolizates were shown in the ange of 5 mg to 60 mg. After multiple oral doses the 15 mg. Mean C_{max} was achieved within four to five hours after a 7.5 mg meloxicam tablet was taken under fasted conditions, indicating a perioposite drug absorption. With multiple dosings, steady-state concentrations were reached by Day 5. A second meloxicam concentration peak occurs around 12 to 14 hours post-dose suggesting liking verecyling.

Table 3Single Dose and Steady-State Pharmacokinetic Parameters for Oral 7.5 mg and 15 mg Meloxicam (Mean and % CV)*

Pharmacokinetic Parameters (% CV)		Steady State		Single Dose		
	Healthy male adults (Fed) [†]	Elderly males (Fed) [†]	Elderly females (Fed) [†]	Renal failure (Fasted)	Hepatic insufficiency (Fasted)	
	7.5 mg [‡] tablets	15 mg capsules	15 mg capsules	15 mg capsules	15 mg capsules	
N	18	5	8	12	12	
C _{max} [µg/mL]	1.05(20)	2.3 (59)	3.2 (24)	0.59 (36)	0.84(29)	
t _{max} [h]	4.9(8)	5 (12)	6 (27)	4 (65)	10 (87)	
0/2 [h]	20.1 (29)	21 (34)	24 (34)	18 (46)	16 (29)	
CL/f {mL/min}	8.8 (29)	9.9 (76)	5.1 (22)	19 (43)	11 (44)	
V _z f [§] [L]	14.7(32)	15 (42)	10 (30)	26 (44)	14 (29)	

Food and Antacid Effects

rood and Antacid Effects

Administration of meloxicam capsules following a high fat breakfast (75 g of fat) resulted in mean peak drug levels (Le, C_{max}) being increased by approximately 22% while the extent of absorption (AUC) was unchanged. The time to maximum concentration (T_{max}) was achieved between 5 and 6 hours. In comparison, neither the AUC nor the C_{max} values for neitoxicam suspension were affected following a similar high fat meal, while near T_{max} values were increased to approximately? Phosus pharmacokined: interaction was deserted with concentrate administration of anactios. Based on these results, nefloxican can be administered without regard to timing of neals or concomitant administration of anactios.

Distribution

Description of the relation (Yes) of real-oriemts approximately 10 L. Metodean is -90-4% mount of human plans promise primetry labeling which the therapeut of sec reage. The fraction of protein brinding is independent of drug concentration over the clinically relevant concertration range, that decreases to -99% is patients with read idsease. Metodexima penetration in buman red blood cells, after oral dosing, is less than 10%. Following a randolabeled dose, over 90% of the radioactivity detected in the plans was present as unchanged molociated.

Meloxicam concentrations in synovial fluid, after a single oral dose, range from 40% to 50% of tho in plasms. The free fraction in synovial fluid is 2.5 times higher than in plasma, due to the lower allocontent in synovial fluid as compared to plasms. The significance of this pertentation is unknown.

Metabolism

Metabolism Meloxicamis extensively metabolized in the liver. Meloxicam metabolites include 5'-carboxy meloxicam 60% of dose, hr rom F-450 mediated metabolism formed by oxidation of an intermediate metabolite 5'-dynoxymethyl meloxicam which is also excrete do a lesser extent (9% of dose). In vita studies include that CVPZC9 (cytochrome P450 metabolizing enzyme) plays an important role in this metabolic pathway with a mirar contribution of the CVP2A1 is knoyze. Pattern's perioxidas excivity is probably responsible for the other two metabolites which at count for 16% and 4% of the administer dose, respectively. All the four metabolites are not known have any who pathermological activity.

Excretion

Excretion Meloxicam excretion is predominantly in the form of metabolites, and occurs to equal extents in the urine and feeces. Only traces of the unchanged parent compound are excreted in the urine (0.2%) and feeces (1.6%). The extent of the urinary excretion was confirmed for unlabeled multiple 7.5 mg dosses: 0.5%, 6%, and 13% of the dose were found in urine in the form of meloxicam, and the 5-hydroxynethy and 5-carboxy metabolites, respectively. There is significant billiary and/or extensis secretion of the drug. This was demonstrated when or all administration of cholestyramine following a single IV dose of molocame decreamed the AUC of meloxicam by 50%.

The mean elimination half-life $(\mathbf{i}_{1/2})$ ranges from 15 hours to 20 hours. The elimination half-life is constant across dose levels indicating linear metabolism within the therapeutic dose range, Plasma clearance ranges from 7 to 9 mL/min.

Special Populations

Geriatric

Geriatric
Eldedy miles C. 65 years of age) exhibited nwloxicam plasma concentrations and steady-state
pharmacokinetics similar to young mules. Elderly females (2.65 years of age) had a 47% higher AUC_{nst}
and 32% higher C. 45 years of age) had a 47% higher AUC_{nst} as compared to younger females c 55 years of age) had a 47% nigher AUC_{nst}
normalization. Despite the increased total concentrations in the elderly females, the adverse event
profile was comparable for both elderly patient populations. A smaller free fraction was found in
elderly female patients in comparison to elderly male patients.

Gender

Young fermles exhibited slightly lower plasma concentrations relative to young males. After single doorses of 7.5 mg meloxicam, the mean elimination half-life was 19.5 hours for the female group as compared to 23.4 hours for the male group. At steady state, the data were similar (17.9 hours vo 21.4 hours). This pharmacolistic difference due to gender is likely to be of little clinical importance. There was linearity of pharmacolistictics and no appreciable difference in the C_{max} of T_{max} across genders.

Tripus. supportunit.

Following a single 15 mg door of molociscumbers was no marked difference in julicus concentrations. Following a single 15 mg door of molociscumbers was no marked configuration of the configuration

Meloxicam planmarok Meloxicam plantamochanical save been investigated in subjects with mild and moderate renal impairment. Total drug plasma concentrations of meloxicam decreased and total clearance of meloxic increased with the degree of renal impairment while free AUC values were similar in all groups. This higher neloxicam clearance in subjects with renal impairment may be due to increased refraction of unbound meloxicam which is available for bepatic metabolism and subsequent exceed no. No dosage adjustment is necessary in patients with mild to moderate renal impairmer. Patients with severe renal impairment, Patients with severe renal impairment have not been adequately studied. Thus use of meloxicam in subjects with severe renal impairment is not recommended lose WARNINGS AND PRECAUTIONS (5.6) AND USE IN SPECIFIC POPULATIONS (6.7).

Hemodialysis

Commonators (Commonators) and the common

Drug Interactions

Aspirin

hen meloxicam is administered with aspirin (1000 mg three times daily) to healthy volunteers, it nded to increase the AUC (10%) and C_{\max} (24%) of meloxicam. The clinical significance of this teraction is not known [see PRUG INTERACTIONS (7.2)].

Conceasymme

Percentament for four days with cholestyramine significantly increased the clearance of meloxicam by 50%. This resulted in a decrease in 112,2 from 19.2 hours to 12.5 hours, and a 35% reduction in AUC. This suggests the existence of a reductation pathway for meloxicam in the gastrointestinal tract. The clinical relevance of this interaction has not been established.

Concomitant administration of 200 mg cimetidine four times daily did not alter the single-dose pharmacokinetics of 30 mg meloxicam.

 ν -regions: Meloxicam 15 mg once daily for 7 days did not alter the plasma concentration profile of digoxin after β -acetyldigoxin administration for 7 days at clinical doses. In vitro testing found no protein binding drug interaction between digoxin and meloxicam.

In a study conducted in healthy subjects, mean pre-dose lithium concentration and AUC were increased by 21% in subjects receiving lithium doses ranging from 804 to 1072 mg twice daily with meloxicam 15 mg QD every day as compared to subjects receiving lithium alone [see DRUG INTERACTIONS (7.4)].

As study in 13 rheumatoid arthritis (RA) patients evaluated the effects of multiple doses of meloxicamon the pharmacohizetics of methortexate taken orce weekly. Meloxicam did not have a significant effect on the pharmacohizetics of single doses of methorexate. In vitro, menhorexate did not displace meloxicam from its human serum binding sites [see DRUG INTERACTIONS (7.5)].

Warfarin

Warfarin
The effect of meloxicam on the articoagulant effect of warfarin was studied in a group of healthy
subjects receiving daily doses of warfarin that produced an INR (International Normalized Ratio)
between 12 and 15. In these subjects, enhosixcamid ton tallow warfarin pharmochietics and the
average articoagulant effect of warfarins determined by proshrombia time. However, one subject
showed an increase in INR from 15 to 21. Caution should be used when admistering meloxicam
warfarin sirce patients on warfarin may experience changes in INR and an increased risk of theeding
complications when a new medication is introduced (see DRICO INTERACTIONS (7.7)).

13 NONCLINICAL TOXICOLOGY

Mutageneris

Meloxicam was not mutagenic in an Ames assay, or clastogenic in a chromosome aberration assay with human lymphocytes and an in who micronacleus test in mouse bone murrow.

Imposiment of Fertility

Meloxicam did not impoir male and fermale fertility in rats at oral doses up to 9 mg/kg/day in males and 5 mg/kg/day in females (up to 5.8 = and 3.2-10 dg yearer, respectively, than the maximum recommended human daily dose based on budy surface area comparison.

14.1 Osteoarthritis and Rheumatoid Arthritis

The total of melocitism for the measurement of the signs, and symptoms of concentrations of the laws and hip-was evaluated in a 24-week, double-hipful, committed until melocitism (57 mg, 75 mg, and 15 mg) was compared to placebo. The four primary endpoints were investigator's global assessment, patient global assessment, patient global assessment, patient global assessment, patient global assessment, and total WoodAC score (a self-administered questionnaire addressing pain, function, and suffrees). Patients on melosicam 7.5 mg daily and melosicam 15 mg daily showed significant improvement in each of these endpoints compared with place improvement in each of these endpoints compared with place.

The use of meloxican for the management of signs and symptoms of ostseoarthrisis was evaluated in six double-billed, active-controlled trials outside the U.S. ranging from 4 weeks' to 6 months' duration. In these trials, the efficacy of meloxicant, in doses of 7.5 mg/day and 15 mg/day, was comparable to piroxican 20 mg/day and diclofenac SR 100 mg/day and consistent with the efficacy seen in the U.S. trial.

trial. The use of meloxicam for the treatment of the signs and symptoms of rheumatoid arthritis was evaluated in a 12-week, double-blind, controlled multitudional trial, meloxicam (7.5 mg, 15 mg, and 22.5 mg daily) was compared to placebo. The primary endpoint in this study was the ACRO response rate, a composite measure of clitical, laboratory, and functional measures of RA response. Patients receiving meloxicam 25 mg and 15 mg daily showed significant improvement in the primary exploit compared with placebo. No incremental benefit was observed with the 22.5 mg dose compared to the 15 mg dose.

16 HOW SUPPLIED/STORAGE AND HANDLING

Meloxicam Tablets, 7.5 mg are yellow, round-shaped, flat beveled edge, uncoated tablets debossed with 'ZC' and '25' on one side and plain on other side and are supplied as follows:

NDC 68382-050-16 in bottles of 90 tablets

NDC 68382-050-01 in bottles of 100 tablets

NDC 68382-050-05 in bottles of 500 tablets NDC 68382-050-31 in unit-of-use packages of 30 tablets

Meloxicam Tablets, 15 mg are yellow, round-shaped, flat beveled edge, uncoated tablet debossed with 'ZC' and '26' on one side and plain on other side and are supplied as follows: NDC 68382-051-16 in bottles of 90 tablets

NDC 68382-051-01 in bottles of 100 tablets NDC 68382-051-05 in bottles of 500 tablets

NDC 68382-051-31 in unit-of-use packages of 30 tablets

Storage
Storage Store at 20° to 25° C (68° to 77° F) [see USP Controlled Room Temperature]. Keep meloxicam tablets in a dry place.

Dispense tablets in a tight container.

Keep this and all medications out of the reach of children.

17 PATIENT COUNSELING INFORMATION

See FDA-approved Medication Guide

Patients should be informed of the following information before initiating therapy with an NSAID and periodically during the course of ongoing therapy.

17.1 Medication Guide

Inform patients of the availability of a Medication Guide for NSAIDs that accompanies each prescription dispensed, and instruct them to read the Medication Guide prior to using meloxicam tablets

17.2 Cardiovascular Effects

NACLAS Including medisciam, may cause serious CV side effects, such as MI or stroke, which may result in hospitalization and even death. Although serious CV evens can occur without writing a very many consistent of the property of the pro

17.3 Gas trointes tinal Effects

I/3 das trommes man Emecu.

NSAIDs including melouicam, can cause GI discomfort and, rarely, serious GI side effects, such as ulters and bleeding, which may result inhospitalization and even death. Although serious GI text under the subject of th

17.4 Hepatotoxicity

Inform patients of the warning signs and symptoms of hepatotoxicity (e.g., nausea, fatigue, lethargy, prurius, juandice, right upper quadrant tenderness, and "flie-like" symptoms). If these occur, instruct patients to stop therapy and seek immediate medical therapy [see WARNINGS AND PRECAUTIONS (5.3)].

17.5 Adverse Skin Reactions

It's Adverse Sum Reactions

NSADB, including medixicam, can cause serious slin side effects such as exfoliative dermatitis,

Stevens-Johnson Syndrome (SJS), and toxic epidermal necrolysis (TER), which may result in

hospitalization and seven deash. Although serious skin nexcitoms my occur without warning, patients

should be alert for the signs and symptoms of skin rash and blisters, fever, or other signs of

hypersensitivity such as itelity, and should ask for medical artice when observing any indicative signs

or symptoms. Advise patients to stop the drug immediately if they develop any type of rash and contact

their physicians as soon as possible beer AWARNIOS AND PERCEAUTIONS (2018).

17.6 Weight Gain and Edema

Advise patients to promptly report signs or symptoms of unexplained weight gain or edema to their physicians [see WARNINGS AND PRECAUTIONS (5.5)].

17.7 Anaphylactoid Reactions

Inform patients of the signs of an anaphylactoid reaction (e.g., difficulty breathing, swelling of the face or throat). Instruct patients to seek immediate emergency help [see WARNINGS AND PRECAUTIONS (5.7)].

17.8 Effects During Pregnancy

Starting at 30 weeks gestation, meloxicam should be avoided as premature closure of the ductus arteriosus in the feus may occur [see WARNINGS AND PRECAUTIONS (5.9) AND USE IN SPECIFIC POPULATIONS (8.1)].

Please address medical inqu ries to, (Medical Affairs@zydususa.com) Tel.: 1-877-993-8779.

Manufactured by: Cadila Healthcare Ltd.

Ahmedabad, India. Distributed by:

Zvdus Pharmac ticale IISA Inc

Pennington, NJ 08534 Rev.: 04/11 Revision Date : 29/04/2011

Medication Guide

Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) (See the end of this Medication Guide for a list of prescription NSAID medicines).

What is the most important information I should know about medicines called Non-Steroidal Anti-Inflammatory Drugs (NSAIDs)?

NSAID medicines may increase the chance of a heart attack or stroke that can lead to death. This chance increases:

• with longer use of NSAID medicines
• in people who have heart disease

NSAID medicines should never be used right before or after a heart surgery called a "coronary artery bypass graft (CABG)."

arrery opposes grant (LADM).

NSAID medicines can cause subcers and bleeding in the stomach and intestines at any time during treatment. Uters and bleeding:

• can happen without warring symptoms
• my cause death

The chance of a person getting an ulcer or bleeding increases with: • taking medicines called "corticosteroids" and "anticoagulans" longer use • smoking • drinking alcohol • older age • hwite goor bealth

NSAID medicines should only be used:

exactly as prescribed

at the lowest dose possible for your treatment
for the shortest time needed

What are Non-Steroidal Anti-Inflammatory Drugs (NSAIDs)?

NSAID medicines are used to treat pain and redness, swelling, and heat (inflammation) from medical conditions such as: • different types of arthritis • menstrual cramps and other types of short-termpain

Who should not take a Non-Steroidal Anti-Inflammatory Drug (NSAID)?

Do not take an NSAID medicine:

• if you had an asthma attack, hives, or other allergic reaction with aspirin orany other NSAID medicine
• for pain right before or after heart bypass surgery

- to pain right electror or after heart oppass surgery
 about all of your medical conditions
 about all of when declices you take. NSAIDs and some other medicines canimeract with each other and cause serious side effects. Keep a list of yourmedicines to show to your healthcare provider and pharmacist
 if you are pregnant. NSAID medicines should not be used by pregnant womenlate in their pregnancy if you are breasteding. Talk to your doctor

What are the possible side effects of Non-Steroidal Anti-Inflammatory Drugs (NSAIDs)?

ous	side effects include:	Othe	r side effects include:
	heart attack		stomach pain
	stroke		constipation
	high blood pressure		diarrhea
	heart failure from body swelling (fluid retention)		gas
	kidney problems including kidney failure		heartburn
	bleeding and ulcers in the stomach and		nausea
	intestine		vomiting
	low red blood cells (anemia)		dizziness
	life-threatening skin reactions		
	life-threatening allergic reactions		
	liver problems including liver failure		
	asthma attacks in people who have asthma		

Get emergency help right away if you have any of the following symptoms

•	shortness of breath or trouble breathing	•	slurred speech
	chest pain		swelling of the face or throat
	weakness in one part or side of your body		

Stop your NSAID medicine and call your healthcare provider right away if you have any of the following symptoms:

:	nausea more tired or weaker than usual itching your skin or eyes look yellow stomach pain flu-like symptoms yomit blood	there is blood in your bowel movement or it is black and sticky like tar unusual weight gain skin rash or blisters with fever swelling of the arms and legs, hands and feet

These are not all the side effects with NSAID medicines. Talk to your healthcare provider or pharmacist for more information about NSAID medicines.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

Other information about Non-Steroidal Anti-Inflammatory Drugs (NSAIDs):

Aspirin is an NSAID medicine but it does not increase the chance of a heartattack. Aspirin can cause bleeding in the brain, stomach, and intestines. Aspirin can also cause ulcers in the stomach and intestines.

orecuing in the traint, somact, and intersines,-repirric an asso clause uncers in the stomach and intensi.

Some of these NSAID medicines are sold in lower doses without aprescription (over-the-counter). Talk to your healthcare provider before usingover-the-counter NSAIDs for more than 10 days.

NSAID medicines that need a prescription

Generic Name	Product Trademark(s)
Celecoxib	Celebrex
Diclofenac	Cataflam, Voltaren, Arthrotec (combined with misoprostol)
Diflunisal	Dolobid
Etodolac	Lodine, Lodine XL
Fenoprofen	Nalfon, Nalfon 200
Flurbiprofen	Ansaid
Ibuprofen	Motrin, Tab- Profen, Vicoprofen* (combined with hydrocodone), Combunox (combined with oxycodone
Indomethacin	Indocin, Indocin SR, Indo-Lemmon, Indomethagan
Ketoprofen	Oruvail
Ketorolac	Toradol
Mefenamic Acid	Ponstel
Meloxicam	Mobic
Nabumetone	Relafen
Naproxen	Naprosyn, Anaprox, Anaprox DS, EC- Naprosyn, Naprelan, PREVACID, NapraPAC (copackaged with lansoprazole)
Oxaprozin	Daypro
Piroxicam	Feldene
Sulindac	Clinoril
Tolmetin	Tolectin, Tolectin DS, Tolectin 600

Vicoprofen contains the same dose of ibaptorfen as over-the-counter (OTC) NSAIDs, and is usually used for less than 10 days to treat pain. The OTC NSAID label warms that long term continuous use may increase the risk of heart attack or stroke.

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Please address medical inquiries to, (Medical Affairs@zydususa.com) Tel:: 1-877-993-8779.

This Medication Guide has been approved by the US Food and Drug Administration.

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Cadila Healthcare Ltd. Ahmedabad, India.

Distributed by:

Zydus Pharmaceuticals USA Inc.

Pennington, NJ 08534 Rev.: 04/11

Revision Date : 29/04/2011

PACKAGE LABEL.PRINCIPAL DISPLAY PANEL



MELOXICAM meloxicam tablet				
Product Information				
Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:66116-403(NI	C:68382-050
Route of Administration	ORAL			
Active Ingredient/Active Moi	iety			
Ing	gredient Name	В	asis of Strength	Strength
MELOXICAM (UNI: VG2QF83CGL) (MELO XICAM - UNIEVG2QF83CG	L) MEL	OXICAM	7.5 mg
Inactive Ingredients				
	Ingredient Name			Strength
CROSPOVIDONE (UNI: 68401960MI	9			
LACTOSE MONOHYDRATE (UNII: E	WQ57Q815X)			
MAGNESIUM STEARATE (UNIE 7009	7M6B0)			

POVIDON	JM CITRATE					
		DIHYDRATE (UNI: B22547B95K)				
CELLULO	E (UNI: FZ98	9GH94E)				
	SE, MICROC	RYSTALLINE (UNIt OP1R32D61U)				
Product	Character	ristics				
Color		YELLOW (YELLOW)	Scor	e		no score
Shape		ROUND (ROUND)	Size			6mm
Flavor			Imp	int Code		ZC;25
Contains						
Packagi	ing					
# I	tem Code	Package Description	Marketin	g Start Date	M	rketing End Date
	116-403-30	30 in 1 BOTTLE				
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	ting Info	rmation				
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Labeler - MedVantx, Inc. (806427725)

Registrant - Zydus Pharmaceuricals (USA) Inc. (15686 1945)

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