



- Known hypersensitivity (e.g., anaphylactic reactions and serious skin reactions) to meloxicam or any components of the drug product [see Warnings and Precautions (5.7, 5.8)]
- History of asthma, urticaria, or other allergic-type reactions after taking aspirin or other NSAIDs. Severe, sometimes fatal, anaphylactic reactions to NSAIDs have been reported in such patients [see Warnings and Precautions (5.7,5.8)]
- In the setting of coronary artery bypass graft (CABG) surgery [see Warnings and Precautions (5.1)]

## 5 WARNINGS AND PRECAUTIONS

### 5.1 Cardiovascular Thrombotic Events

Clinical trials of several COX-2 selective and nonselective NSAIDs of up to three years' duration have shown an increased risk of serious cardiovascular (CV) thrombotic events, including myocardial infarction (MI) and stroke, which can be fatal. In some cases, available data, it is unclear that the risk for CV thrombotic events is similar for all NSAIDs. The relative increase in serious CV thrombotic events over baseline conferred by NSAID use appears to be similar in those with and without known CV disease or risk factors for CV disease. However, patients with known CV disease or risk factors had a higher absolute incidence of excess serious CV thrombotic events, due to their increased baseline risk. Some observational studies found that this increased risk of serious CV thrombotic events began as early as the first weeks of treatment. The increase in CV thrombotic risk has been observed most consistently at higher doses.

To minimize the potential risk for an adverse CV event in NSAID-treated patients, use the lowest effective dose for the shortest duration possible. Patients and patients should remain alert for the development of such events, throughout the entire treatment course, even in the absence of previous CV symptoms. Patients should be informed about the symptoms of such events and advised to take appropriate action.

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, such as meloxicam, increases the risk of serious gastrointestinal (GI) events [see Warnings and Precautions (5.2)].

Status Post Coronary Artery Bypass Graft (CABG) Surgery 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. NSAIDs are contraindicated in the setting of CABG [see Contraindications (4)].

#### Post-MI Patients

Observational studies conducted in the Danish National Registry have demonstrated that patients treated with NSAIDs in the post-MI period were at increased risk of reinfarction, CV-related death, and all-cause mortality beginning in the first week of treatment. In this same cohort, the incidence of death in the first year post-MI was 20 per 100 patients; in NSAID-treated patients compared to 12 per 100 persons years in non-NSAID exposed patients. Although the absolute rate of death declined somewhat after the first year post-MI, the increased relative risk of death in NSAID users persisted over at least the next

four years of follow-up.

Avoid the use of meloxicam in patients with a recent MI unless the benefits are expected to outweigh the risk of recurrent CV thrombotic events. If meloxicam is used in patients with a recent MI, monitor patients for signs of cardiac ischemia.

### 5.2 Gastrointestinal Bleeding, Ulceration, and Perforation

NSAIDs, including meloxicam, can cause serious gastrointestinal (GI) adverse events including inflammation, bleeding, ulceration, and perforation of the esophagus, stomach, small intestine, or large intestine, which can be fatal. These serious adverse events can occur at any time, with or without warning 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 ulcers, gross bleeding, or perforation caused by NSAIDs occurred in approximately 1% of patients treated for 3-6 months, and in about 2-4% of patients treated for one year. However, even short-term NSAID therapy is not without risk.

#### Risk Factors for GI Bleeding, Ulceration, and Perforation

Patients with a prior history of peptic ulcer disease and/or GI bleeding who used NSAIDs had a greater than 10-fold increased risk for developing a GI bleed compared to patients without these risk factors. Other factors that increase the risk of GI bleeding in patients treated with NSAIDs include longer duration of NSAID therapy; concomitant use of oral corticosteroids, aspirin, anticoagulants, or selective serotonin reuptake inhibitors (SSRIs); existing use of alcohol, other drugs, and poor general health status. Most postmarketing reports of fatal GI events occurred in elderly or debilitated patients. Additionally, patients with advanced liver disease and/or coagulopathy are at an increased risk of GI bleeding.

#### Strategies to Minimize the GI Risks in NSAID-Treated Patients

- Use the lowest effective dosage for the shortest possible duration.
- Avoid administration of more than one NSAID at a time.
- Avoid use in patients at higher risk unless benefits are expected to outweigh the increased risk of bleeding. For such patients, as well as those with active GI bleeding, consider alternate therapies other than NSAIDs.
- Remain alert for signs and symptoms of GI ulceration and bleeding during NSAID therapy.
- If a serious GI adverse event is suspected, promptly initiate evaluation and treatment, and discontinue meloxicam until a serious GI adverse event is ruled out.
- In the setting of concomitant use of low-dose aspirin for cardiac prophylaxis, monitor patients more closely for evidence of GI bleeding [see Drug Interactions (7)].

### 5.3 Hepatotoxicity

Elevations of ALT or AST (three or more times the upper limit of normal [ULN]) have been reported in approximately 1% of NSAID-treated patients in clinical trials. In addition, rare, sometimes fatal, cases of severe hepatic injury, including fulminant hepatitis, liver necrosis, and hepatic failure have been reported.

Elevations of ALT or AST (less than three times ULN) may occur in up to 15% of patients treated with NSAIDs, including meloxicam. Inform patients of the warning signs, signs, and symptoms of hepatotoxicity (e.g., nausea, fatigue, lethargy, diarrhea, pruritus, jaundice, right upper quadrant tenderness, and "flu-like" symptoms). If clinical signs and symptoms consistent with liver disease develop, or if asymptomatic elevations of serum aminotransferases persist, discontinue meloxicam immediately, and perform a clinical evaluation of the patient [see Use in Specific Populations (8.6) and Clinical Pharmacology (12.3)].

### 5.4 Hypertension

NSAIDs, including meloxicam, can lead to new onset or worsening of preexisting hypertension, either of which may contribute to the increased incidence of CV events. Patients taking angiotensin converting enzyme (ACE) inhibitors, thiazide diuretics, or loop diuretics may have impaired response to these therapies when taking NSAIDs [see Drug Interactions (7)].

Monitor blood pressure (BP) during the initiation of NSAID treatment and throughout the course of therapy.

### 5.5 Heart Failure and Edema

The Cardio and traditional NSAID Trialists' Collaboration meta-analysis of randomized controlled trials demonstrated an approximately two-fold increase in hospitalizations for heart failure in COX-2 selective-treated patients and nonselective NSAID-treated patients compared to placebo-treated patients. In a Danish National Registry study of patients with heart failure, NSAID use increased the risk of all-cause hospitalization for heart failure, and death. Additionally, fluid retention and edema have been observed in some patients treated with NSAIDs. Use of meloxicam may blunt the CV effects of several therapeutic agents used to treat these medical conditions (e.g., diuretics, ACE inhibitors, or angiotensin receptor blockers [ARBs]) [see Drug Interactions (7)].

Avoid the use of meloxicam in patients with severe heart failure unless the benefits are expected to outweigh the risk of worsening heart failure. If meloxicam is used in patients with severe heart failure, monitor patients for signs of worsening heart failure.

### 5.6 Renal Toxicity and Hyperkalemia

**Renal Toxicity**  
Long term administration of NSAIDs, including meloxicam, has resulted in renal papillary necrosis, renal insufficiency, acute renal failure, and other renal injury. Renal toxicity has also been seen in patients in whom renal preconditions have a compensatory role in the maintenance of renal perfusion. In these patients, administration of an NSAID may cause a dose-dependent reduction in prostaglandin formation and, secondarily, in renal blood flow, which may precipitate overt renal decompensation. Patients at greatest risk of this reaction are those with impaired renal function, dehydration, hypotension, heart failure, hypofunction, those taking diuretics and ACE inhibitors or ARBs, and the elderly. Discontinuation of NSAID therapy is usually followed by recovery to the pre-treatment state.

The renal effects of meloxicam may hasten the progression of renal dysfunction in patients with preexisting renal disease. Because some meloxicam metabolites are excreted by the kidney, monitor patients for signs of worsening renal function. Correct volume status is a prerequisite of hypertensive patients prior to starting meloxicam. Monitor renal function in patients with renal or hepatic impairment, heart failure, dehydration, or hypotensive during use of meloxicam [see Drug Interactions (7)].

No information is available from controlled clinical studies regarding the use of meloxicam in patients with advanced renal disease. Avoid the use of meloxicam in patients with advanced renal disease unless the benefits are expected to outweigh the risk of worsening renal function. If meloxicam is used in patients with advanced renal disease, monitor patients for signs of worsening renal function [see Clinical Pharmacology (12.3)].

#### Hyperkalemia

Increases in serum potassium concentration, including hyperkalemia, have been reported with use of NSAIDs, even in some patients without renal impairment in patients with normal renal function. These effects have been attributed to a hyporenemic/hyperaldosteronism state.

### 5.7 Anaphylactic Reactions

Meloxicam has been associated with anaphylactic reactions in patients with and without known hypersensitivity to meloxicam and in patients with aspirin-sensitive asthma [see Contraindications (4) and Warnings and Precautions (5.8)].

Seek emergency help if an anaphylactic reaction occurs.

### 5.8 Exacerbation of Asthma Related to Aspirin Sensitivity

A subgroup of patients with asthma may have aspirin-sensitive asthma which may include chronic rhinitis, complicated by nasal polyps; severe, potentially fatal bronchospasm; and/or intolerance to aspirin and other NSAIDs. Because cross-reactivity between aspirin and other NSAIDs has been reported in such aspirin-sensitive patients, meloxicam is contraindicated in patients with this form of aspirin sensitivity [see Contraindications (4)]. When meloxicam is used in patients with preexisting asthma (without known aspirin sensitivity), monitor patients for changes in the signs and symptoms of asthma.

### 5.9 Serious Skin Reactions

NSAIDs, including meloxicam, can cause serious skin adverse reactions such as exfoliative dermatitis, Steven-Johnson Syndrome (SJS), and toxic epidermal necrolysis (TEN), which can be fatal. These serious events may occur without warning. Inform patients about the signs and symptoms of serious skin reactions, and to discontinue the use of meloxicam at the first appearance of skin rash or any other sign of hypersensitivity. Meloxicam is contraindicated in patients with previous serious skin reactions to NSAIDs [see Contraindications (4)].

### 5.10 Premature Closure of Fetal Ductus Arteriosus

NSAIDs may cause premature closure of the fetal ductus arteriosus. Avoid use of meloxicam in pregnant women starting at 30 weeks of gestation [see Precautions (5.1)].

### 5.11 Hematologic Toxicity

Anemia has occurred in NSAID-treated patients. This may be due to occult or gross blood loss, fluid retention, or an incompletely described effect on erythropoiesis. If a patient treated with meloxicam has any signs or symptoms of anemia, monitor hemoglobin or hematocrit.

NSAIDs, including meloxicam, may increase the risk of bleeding events. Co-morbid factors, such as concomitant disorders or concomitant use of warfarin, other anticoagulants, antiplatelet agents (e.g., aspirin), serotonin reuptake inhibitors (SSRIs), and serotonin norepinephrine reuptake inhibitors (SNRIs) may increase this risk. Monitor these patients for signs of bleeding [see Drug Interactions (7)].

### 5.12 Masking of Inflammation and Fever

The pharmacological activity of meloxicam in reducing inflammation, and possibly fever, may diminish the utility of therapeutic signs in detecting infection.

### 5.13 Laboratory Monitoring

Because serious GI bleeding, hepatotoxicity, and renal injury can occur without warning symptoms or signs, consider monitoring patients on long-term NSAID treatment with a CBC and a chemistry profile periodically [see Warnings and Precautions (5.2, 5.3, 5.6)].

## 6 ADVERSE REACTIONS

The following adverse reactions are discussed in greater detail in other sections of the labeling.

- Cardiovascular Thrombotic Events [see Boxed Warning and Warnings and Precautions (5.1)]
- GI Bleeding, Ulceration, and Perforation [see Boxed Warning and Warnings and Precautions (5.2)]
- Hypertension [see Warnings and Precautions (5.4)]
- Heart Failure and Edema [see Warnings and Precautions (5.5)]
- Renal Toxicity and Hyperkalemia [see Warnings and Precautions (5.6)]
- Anaphylactic Reactions [see Warnings and Precautions (5.7)]
- Serious Skin Reactions [see Warnings and Precautions (5.9)]
- Hematologic Toxicity [see Warnings and Precautions (5.11)]

### 6.1 Clinical Trials Experience

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

#### Adults

##### Osteoarthritis and Rheumatoid Arthritis

The meloxicam Phase 3 clinical trial database includes 10,122 OA patients and 1882 RA patients treated with meloxicam 7.5 mg/day, 3655 OA patients and 1353 RA patients treated with meloxicam 15 mg/day. Meloxicam at these doses was administered to 661 patients for at least 6 months and to 112 patients for at least one year. Approximately 15,550 of these patients were treated in ten placebo-and/or active-controlled osteoarthritis trials and 2363 of these patients were treated in ten placebo-and/or active-controlled rheumatoid arthritis trials. Gastrointestinal (GI) adverse events were the most frequently reported adverse events in all treatment groups administered meloxicam.

A 12-week multicenter, double-blind, randomized trial was conducted in patients with osteoarthritis of the knee or hip to compare the efficacy and safety of meloxicam with placebo and with an active control. Two 12-week multicenter, double-blind, randomized trials were conducted in patients with rheumatoid arthritis to compare the efficacy and safety of meloxicam with placebo.

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 ≥2% of the meloxicam treatment groups in two 12-week placebo-controlled rheumatoid arthritis trials.

**Table 1a Adverse Events (%) Occurring in ≥ 2% of Meloxicam Patients in a 12-Week Osteoarthritis Placebo- and Active-Controlled Trial**





the data were similar (17.8 hours vs 21.4 hours). This pharmacokinetic difference due to gender is likely to be of little clinical importance. There was no appreciable difference in the C<sub>max</sub> or T<sub>max</sub> across genders.

**Hepatic Impairment**

Following a single 15 mg dose of meloxicam there was no marked difference in plasma concentrations in patients with mild (C<sub>max</sub> Pugh Class I) or moderate (C<sub>max</sub> Pugh Class II) hepatic impairment compared to healthy volunteers. Protein binding of meloxicam was not affected by hepatic impairment. No dosage adjustment is necessary in patients with mild to moderate hepatic impairment. Hepatic impairment in patients with severe (C<sub>max</sub> Pugh Class III) has not been adequately studied (see Warnings and Precautions (5.3) and Use in Specific Populations (8.6)).

**Renal Impairment**

Meloxicam pharmacokinetics have been investigated in subjects with mild and moderate renal impairment. Total drug plasma concentrations of meloxicam decreased and total clearance of meloxicam increased with the degree of renal impairment while free AUC values were similar in all groups. The higher meloxicam clearance in subjects with renal impairment may be due to increased fraction of unbound meloxicam which is available for hepatic metabolism and subsequent excretion. No dosage adjustment is necessary in patients with mild to moderate renal impairment. Patients with severe renal impairment have not been adequately studied. The use of meloxicam in subjects with severe renal impairment is not recommended (see Dosage and Administration (2.5), Warnings and Precautions (5.4) and Use in Specific Populations (8.7)).

**Hemodialysis**

Following a single dose of meloxicam, the free C<sub>max</sub> plasma concentrations were higher in patients with renal failure on chronic hemodialysis (5% free fraction) in comparison to healthy volunteers (5.1% free fraction). Hemodialysis did not lower the total drug concentration in plasma; therefore, additional doses are not necessary after hemodialysis. Meloxicam is not dialyzable (see Dosage and Administration (2.1), and Use in Specific Populations (8.7)).

**Drug Interaction Studies**

**Aspirin:**

When NSAIDs were administered with aspirin, the protein binding of NSAIDs were reduced, although the clearance of free NSAID was not altered. When meloxicam is administered with aspirin (1000 mg three times daily) to healthy volunteers, it tended to increase the AUC, however, the C<sub>max</sub> of meloxicam. The clinical significance of this interaction is not known. See Table 3 for clinically significant drug interactions of NSAIDs with aspirin (see Drug Interactions (7)).

**Cholestyramine**

Pre-treatment for four days with cholestyramine significantly increased the clearance of meloxicam by 50%. This resulted in a decrease in t<sub>1/2</sub> from 39.2 hours to 12.5 hours, and a 35% reduction in AUC. This suggests the existence of a recirculation pathway for meloxicam in the gastrointestinal tract. The clinical relevance of this interaction has not been established.

**Cimetidine**

Concomitant administration of 300 mg cimetidine four times daily did not alter the single-dose pharmacokinetics of 30 mg meloxicam.

**Digoxin**

Meloxicam 15 mg once daily for 7 days did not alter the plasma concentration profile of digoxin after 8- $\beta$ -acetyldigoxin administration for 7 days at clinical doses.

In vitro testing found no protein binding drug interaction between digoxin and meloxicam.

**Lithium**

In a study conducted in healthy subjects, mean pre-dose lithium concentration and AUC were increased by 22% 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)).

**Nonsteroidal**

A study in 13 rheumatoid arthritis (RA) patients evaluated the effects of multiple doses of meloxicam on the pharmacokinetics of methotrexate taken orally weekly. Meloxicam did not have a significant effect on the pharmacokinetics of single doses of methotrexate. In vitro, methotrexate did not displace meloxicam from its human serum binding sites (see Drug Interactions (7)).

**Warfarin:**

The effect of meloxicam on the anticoagulant effect of warfarin was studied in a group of healthy subjects receiving daily doses of warfarin that produced an INR (International Normalized Ratio) between 1.2 and 1.8. In these subjects, meloxicam did not alter warfarin pharmacokinetics and the average anticoagulant effect of warfarin as determined by prothrombin time. However, one subject showed an increase in INR from 1.2 to 2.1. Caution should be exercised when these two drugs are administered together. Patients on warfarin may experience changes in INR and an increased risk of bleeding complications when a new medication is introduced (see Drug Interactions (7)).

**13 NONCLINICAL TOXICOLOGY**

**13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility**

**Carcinogenesis**

There was no increase in tumor incidence in long-term carcinogenicity studies in rats (104 weeks) and mice (93 weeks) administered meloxicam 8 mg/dose up to 0.8 mg/kg/day in rats and up to 8.0 mg/kg/day in mice up to 0.5 and 2.6 times, respectively, the maximum recommended human dose (MRHD) of 15 mg/day meloxicam based on body surface area (BSA) comparison).

**Mutagenesis**

Meloxicam was not mutagenic in an Ames assay, or clastogenic in a chromosome aberration assay with human lymphocytes and in *in vivo* micronucleus test in mouse bone marrow.

**Impairment of Fertility**

Meloxicam did not impair male and female fertility in rats at oral doses up to 9 mg/kg/day in male and 5 mg/kg/day in females (up to 5.8- and 3.2-times greater, respectively, than the MRHD based on BSA comparison).

**14 CLINICAL STUDIES**

**14.1 Osteoarthritis and Rheumatoid Arthritis**

The use of meloxicam for the treatment of the signs and symptoms of osteoarthritis of the knee and hip was evaluated in a 13-week, double-blind, controlled trial: meloxicam (3.75 mg, 7.5 mg, and 15 mg daily) was compared to placebo. The four primary endpoints were investigator's global assessment, patient global assessment, patient pain assessment, and total WOMAC score (a self-administered questionnaire addressing pain, function, and stiffness). Patients on meloxicam 7.5 mg daily and meloxicam 15 mg daily showed significant improvement in each of these endpoints compared with placebo. The use of meloxicam for the management of signs and symptoms of osteoarthritis was evaluated in a double-blind, active-controlled trial: celecoxib (15.5, ranging from 4 weeks to 16 months' duration). In these trials, the efficacy of meloxicam, in doses of 7.5 mg/day and 15 mg/day, was comparable to celecoxib 20 mg/day and celecoxib 40 mg/day and consistent with the efficacy seen in the U.S. for

The use of meloxicam for the treatment of the signs and symptoms of rheumatoid arthritis was evaluated in a 12-week, double-blind, controlled multinational trial: meloxicam (7.5 mg, 15 mg, and 22.5 mg daily) was compared to placebo. The primary endpoint in this study was the ACR20 response rate, a composite measure of clinical, laboratory, and functional measures of RA response. Patients receiving meloxicam 7.5 mg and 15 mg daily showed significant improvement in the primary endpoint compared with placebo. No incremental benefit was observed with the 22.5 mg dose compared to the 15 mg dose.

**14.2 Juvenile Rheumatoid Arthritis (JRA) Pauciarticular and Polyarticular Course**

The use of meloxicam for the treatment of the signs and symptoms of pauciarticular or polyarticular course juvenile Rheumatoid Arthritis in patients 2 years of age and older was evaluated in two 12-week, double-blind, placebo-, active-controlled trials.

Both studies included three arms: naproxen and two doses of meloxicam. In both studies, treatment began at 12.5 mg/kg/day (7.5 mg daily) and increased to 0.2 mg/kg/day (15 mg maximum), and naproxen dosing began at 10 mg/kg/day. One study used these doses throughout the 12-week study period, while the other incorporated a titration after 4 weeks to doses of 0.25 mg/kg/day and 0.375 mg/kg/day (22.5 mg maximum) of meloxicam and 15 mg/kg/day of naproxen.

The efficacy analyses used the ACR Pediatric 30 responder definition, a composite of parent and investigator assessment, counts of active joints and joints with limited range of motion, and erythrocyte sedimentation rate. The proportion of responders were similar in all three groups in both studies, and no difference was observed between the meloxicam dose groups.

**16 HOW SUPPLIED/STORAGE AND HANDLING**

Meloxicam Tablets USP, 15 mg are yellow, round-shaped, flat beveled edge, uncoated tablet debossed with "2C" and "26" on one side and plain on other side and are supplied as follows:

NDC 08780-7904-1 in a bottle of 15 tablets

**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**

Advise the patient to read the FDA-approved patient labeling (Medication Guide) that accompanies each prescription dispensed.

Inform patients, families or their caregivers of the following information before initiating therapy with an NSAID and periodically during the course of ongoing therapy.

**Cardiovascular Thrombotic Events**

Advise patients to be alert for the symptoms of cardiovascular thrombotic events, including chest pain, shortness of breath, weakness, or slurring of speech, and to report any of these symptoms to their healthcare provider immediately (see Warnings and Precautions (5.1)).

**Gastrointestinal Bleeding, Ulceration, and Perforation**

Advise patients to report symptoms of ulceration and bleeding, including persistent pain, dyspepsia, melena, and hematochezia to their healthcare provider. In the setting of concomitant use of low-dose aspirin for cardioprotection, inform patients of the increased risk for the signs and symptoms of GI bleeding (see Warnings and Precautions (5.2)).

**Hepatotoxicity**

Inform patients of the warning signs and symptoms of hepatotoxicity (e.g., nausea, fatigue, lethargy, diarrhea, pruritus, jaundice [right upper quadrant tenderness, and "flu-like" symptoms]). If these occur, instruct patients to stop meloxicam and seek immediate medical therapy (see Warnings and Precautions (5.3)).

**Heart Failure and Edema**

Advise patients to be alert for the symptoms of congestive heart failure including shortness of breath, unexpected weight gain, or edema and to contact their healthcare provider if such symptoms occur (see Warnings and Precautions (5.5)).

**Anaphylactic Reactions**

Inform patients of the signs of an anaphylactic reaction (e.g., difficulty breathing, swelling of the face or throat). Instruct patients to seek immediate emergency help if these occur (see Contraindications (4) and Warnings and Precautions (5.7)).

**Serious Skin Reactions**

Advise patients to stop meloxicam immediately if they develop any type of rash and to contact their healthcare provider as soon as possible (see Warnings and Precautions (5.9)).

**Female Fertility**

Advise females of reproductive potential who desire pregnancy that NSAIDs, including meloxicam, may be associated with a reversible delay in ovulation (see Use in Specific Populations (8.3)).

**Fetal Toxicity**

Inform pregnant women to avoid use of meloxicam and other NSAIDs starting at 30 weeks gestation because of the risk of the premature closing of the fetal ductus arteriosus (see Warnings and Precautions (5.10) and Use in Specific Populations (8.1)).

**Avoid Concomitant Use of NSAIDs**

Inform patients that the concomitant use of meloxicam with other NSAIDs or salicylates (e.g., effervescent, sublingual) is not recommended due to the increased risk of gastrointestinal toxicity, and 80% or less increase in efficacy (see Warnings and Precautions (5.2) and Drug Interactions (7)). Advise patients that NSAIDs may be present in "over the counter" medications for treatment of colds, fever, or pain.

**Use of NSAIDs and Low-Dose Aspirin**

Inform patients not to use low-dose aspirin concomitantly with meloxicam until they talk to their healthcare provider (see Drug Interactions (7)).

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**Manufactured by:**

Carila Healthcare Ltd.  
India

**Distributed by:**

Zylis Pharmaceuticals USA Inc.  
Parsippany, NJ 08854  
Rev: 02/18

**Repackaged By: Preferred Pharmaceuticals Inc.**

**Medication Guide for Nonsteroidal Anti-inflammatory Drugs (NSAIDs)**

**What is the most important information I should know about medicines called Nonsteroidal Anti-inflammatory Drugs (NSAIDs)?**

**NSAIDs can cause serious side effects, including:**

- Increased risk of a heart attack or stroke that can lead to death. This risk may happen early in treatment and may increase.

- o with increasing doses of NSAIDs

**Do not take NSAIDs right before or after a heart surgery called a "coronary artery bypass graft (CABG)."**

**Avoid taking NSAIDs after a recent heart attack, unless your healthcare provider tells you to. You may have an increased risk of another heart attack if you take NSAIDs after a recent heart attack.**

Increased risk of bleeding, ulcers, and tears (perforation) of the esophagus (hole leading from the mouth to the stomach), stomach and intestines:

