HIGHLIGHTS OF PRESCRIBING INFORMATION These highlights do not include all the information needed to use meloxicam safely and effectively. See full prescribing information for Meloxicam Tablets USP.

## Meloxicam Tablets USP Initial U.S. Approval: 2000

- WARNING: CARDIOVASCULAR and GASTROINTESTINAL RISKS See full prescribing information for complete boxed warning. See full prescribing information for complete board variagi. Cardivascular Bith NSADs may cause an increased risk of senar, Tabi sick may increase with herations of one. Puestion the Information, and reasons, where it is a senarized senari
- INIECATIONS AND ISAGE
   Mikeicara table is a non-strongla ani-inflammany drog indicated for:
   Oversenthris (VA)(1.1)
   Rheumatoid Arthritis (RA)(1.2)

Use the lowest effective dose for the shortest duration consistent with individual treatment goals for the individual patient.
• OA(2.2) and RA(2.3): OA(22) and KA (14-27).
 Starting door: 7.5 mg once daily
 o Dose may be increased to 15 mg once daily
 DOSAGE FORMS AND STRENGTIS

CONTRAINDICATIONS
Known hypersensitivity (e.g., angelylaciadi reactions and serious sikin reactions) to meloxicam (4.1)
History of adamic, uritraria, or other a Bergic-type reactions after taking aspirot or other NSADLS
Use during the perioperative period in the setting of coronary artery bypass graft (CABG) surgery (42)
Use during the perioperative period in the setting of coronary artery bypass graft (CABG) surgery (42)

## Most common (>5% and greater than placebo) adverse events in adults are diarrhea, upper respi dyspepsia, and influenza-like symptoms (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Lupin Pharmaceuticals Inc. at 1-800-399-2561 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

- at 1484-1870.1888 or worddag winefoarb. Consensate on the second second
- USE IN SPECIFIC POPULATIONS Based on animal data, may cause fetal harm. Starting at 20 weeks gestation, meloxicam tablets should be avoided as premature closure of the ductus arteriosus in the fetus may occur. (59, 8.1) Nursing Mohens: Use with cautoo, as meloxicam may be excreted in human mik (8.3)
- See 17 for PATIENT COUNSELING INFORMATION.

Revised: 6/2011

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#### FULL PRESCRIBING INFORMATION

- WARNING: CARDIOVASCULAR and GASTROINTESTINAL RISKS WARNING: CARDIVA SCULAR and GASTRONTESTNAL RISKS Nonstervial and in inflammatory drug (NSADD) any access a increased of the d scrimis cardiosacular (CV) thrombolic events, mycarchial lafaction, and struke, which can be fault. This risk may increase with dimension faule. Patients with cardiosacular disease or risk fators for cardivascular disease may be at greater risk [See WARNINGS AND PRECAUTIONS (S1)]. Melasican tablet is contrainedicated for the treatment of peri-operative pains in the setting of coronary arrey to phases graft (CARG) surgery [See CONTRAINDICATIONS (4.2) and WARNINGS AND PRECAUTIONS (5.1)].
- testinal Risk
- as trointestinal Risk NSADs cause an increased risk of serious gastrointestinal (GI) adverse reactions including bleeding, ukceration, and perforation of the stomach or intestines, which can be fatal. These events can occur at any time during use and without varning symptoms. Elderly padients are at greater risk for serious gastrointestinal events [See WARNINGS AND PRECAUTIONS (5.2)].

#### 1. INDICATIONS AND USAGE

1.1 Osteoarthritis (OA) Meloxicam tablet is indicated for relief of the signs and symptoms of osteoarthritis [See CLINICAL STUDIES (14.1)].

## 1.2 Rheumatoid Arthritis (RA)

Meloxicam tablet is indicated for relief of the signs and symptoms of rheumatoid arthritis [See CLINICAL STUDIES (14.1)].

2. DOSAGE AND ADMINISTRATION

#### 2.1 General Instruction

Carefully consider the potential benefits and risks of meloxicam tablets and other treatment options before deciding to use meloxicam tablets. Use the lowest effective dose for the shortest duration consistent with individual patient treatment goals [See WARNINGS AND PRECAUTIONS (5.4)]. After observing the response to initial therapy with meloxicam tablets, adjust the dose to suit an individual patient's needs.

In addis, the maximum recommended daily oral dose of meloxican tablet is 15 ng regardless of formation in patients with hemodulysis, a maximum daily dosage of 7.5 mg is recommended [See WARNINGS AND PRECATIONS (5.6), USE IN SPECIFIC POPULATIONS (8.7), and CLINICAL PHARMACOLOGY (12.3)].

#### Meloxicam tablet may be taken without regard to timing of meals. 2.2 Osteoarthritis

For the relief of the signs and symptoms of osteoarthritis the recommended starting and maintenance oral dose of meloxicam tablet 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

For the relief of the signs and symptoms of rheumatoid arthritis, the recommended starting and maintenance oral dose of meloxicam tablet 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

• 7.5 mg: light yellow coloured, round, biconvex tablets plain on one side and debossed with '7.5' on

outer store: 15 mg: light yellow coloured, oval shaped, biconvex tablets plain on one side and debossed with '15' on other side.

#### 4. CONTRAINDICATIONS

4.1 Allergic Reactions

Meloxicam is contraindicated in patients with known hypersensitivity (e.g., anaphylactoid reactions and serious skin reactions) to meloxicam.

Serious sharreactions junction transmission and the series of the series

## 4.2 Coronary Surgery

Meloxicam is 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

Sal Lardovsckular Jurgensch Zeutss Clinical risks of services and nonselective NSAIDs of up to three years' duration have shown an increased risk of services candiovsecular (CV) thrombolic events, myocardial infraction, and thick Patterns with throw OV disease or risk factors for CV diseasem py be argument risk Pattern with Nations with throw OV disease or risk factors for CV diseasem py be argument risk Pattern with throw on CV disease or risk factors for CV diseasem py be argument risk Pattern with throw on CV disease or risk factors for CV diseasem py be argument risk Pattern bound be used for the shortset duration possible. Physicians and patterns should be remindler for the devine through only separation of environ CV events and the shopp to also the system. Patterns should be informed duration by separation of environ CV events and the shopp to also the system. Two large, controlled, clinical trials of a COX-2 selective NSAID for the treatment of pain in the first 10 to 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 Gastroinestinal (G) Effects - Risk of GI Ulceration, Bleeding, and Perforation NSAIDs, including metodican; can cause serious gastroinsteatind (G) adverse were were including inflammation, bleeding, ulceration, and perforation of the storach, small intestine, or large intestine, which cause fail. These serious adverses everts can core argo time, with or without warring symptoms, in patients treated with NSAIDs. Only one in five patients who develop a serious upper GI adverse evert on NSAID brazyni systemy to the series of the series of the site of the series of t

short-term therapy is not without risk, Prescribe NSADs, including molocicum, with extreme caution in those with a prior history of ulcer disease or gastroitestinal bleeding. Patients with a prior history of peptic alcede disease and/or (all bleed compression) and (all bleeding) and (all bleedi

arceiver, special sector and source of the sector in treating this population. To maintize the popularial risk for an advers Glevern in patients recated with an NSAID, use the lowest effective dose for the shortest possible duration. Patients and physicalism should remain alter for signs evaluation and remote it a serious of ladverse event is supported. This should include discontinuation of melosicam unit a serious Gladverse event is supported. This should include discontinuation of melosicam unit a serious Gladverse event is viried out. For high-risk patients, consider alternate therapits that do not involve NSAID.

#### 5.3 Hepatic Effects

As frequent surveys Borderline elevations of one or more liver tests may occur in up to 15% of patients taking NSAIDs including melosiciant. These laboratory abnormalities may progress, may remain unchanged, or may be trainsiet with containing theory. Noable elevations of A1-1 or AST (opportunity) three or more times the upper limit of normal have been reported in approximately 1% of patients in clinical trails with NSAIDs. Inadiation, rure cases of severe heaptic receivion, including jaunder and fair furinime hepatits. Itver necrois and hepatic failure, some of them with faal outcomes have been reported [See ADVERSE EACCHIONS (6.1)].

ADVERSE REAL IONS (64)]. A patient with symposium 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 metoxicam. If Clinical signs and symposium consistent with liver disease develop. or if systemic manifestations accurr (e.g., eosimphilla, rath, etc.), discontine meloxicam [See USE IN SPECIFIC FOPULATIONS (68)auf CLINICAL PIARAMCOLOGY (122)].

#### 5.4 Hypertension

NADs, liceluding meloxicam, can lead to onset of new hypertension or worsening of pre-existing hypertension, either of which may contribute to the increased lucidence of CV evens. NSADDs, including meloxicans, should be used with caution in patients on with hypertension. Blood pressure (BP) should be monitored closely during the initiation of NSAID rearmer and throughout the course of therapy.

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

A pharmacokinetic study in patients with mild and moderate real impairment revealed that no dosage adjustmens in history barleters with mild and moderate real impairment revealed that no dosage adjustmens in history barleters with severe real impairment with CrCI less than 20 limits is not recommended. A study performed in patients with severe revealed that alhough that in the second severe real impairment with CrCI less than 20 with severe real impairment with CrCI less than 20 with severe real impairment with CrCI less than 20 with severe real impairment with CrCI less than 20 with severe real impairment with crCI less than 20 with the severe real impairment with crCI less than 20 with the severe real inflation present with the severe real impairment with a crCI less than 20 with the severe real inflation present with melociacian inpatient with molecular calculation is also recommended in patients with pre-existing kidney disease.

The extent to which metabolites may accumulate in patients with renal impairment has not been studied with meloxican. Because some meloxican metabolites are excreted by the kidney, monitor patients with significant renal impairment closely.

## 5.7 Anaphylactoid Reactions

As with other NSAIDs, anaphylactoid reactions have occurred in patients without known prior exposure to meloxicam. Meloxicam should not be given to patients with the aspirin rula. This symptonic complex spically occurs in adminute patients who experience rhninis with or without name polys, or who exhibit server, potentially faal bronchospann after taking aspirinor other NSAIDs [See CONTRANDELCATIONS4], and WARNINGS AND PRECAUTIONS (L2), Seekemergency CONTRANDELCATIONS4, (L), and WARNINGS AND PRECAUTIONS (L2), Seekemergency CONTRANDELCATIONS4.

#### 5.8 Adverse Skin Reactions

NSAIDs, including meloxicam, can cause serious skin adverse events such as exfoliative dermatitis Stevens-Johnson Syndrome (SIS), and toxic epidermin necrolysis (TEN), which can be faul. These serious events may occur without warring, fairom 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 hypersensitivity.

#### 5.9 Pregnancy.

Starting 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 moninfectious, painful conditions.

#### 5.12 Hematological Effects

5.12 remanauougeat Lineco Aremia may occur in patients receiving NSAIDs, including melosicam. This may be due to fluid reteration, occult or gross GI blood loss, or an incompletely described effect upon epythopolesis. Patients on long-term treatment with NSAIDs, including melosicam, should have their hemoglobin o hematocrit checked if they exhibit any signs or symptoms of anemia.

## 5.13 Use in Patients with Pre-existing Asthma

Patterns with asthma may have appiris-sensitive asthma. The use of aspirin in patterns with aspirin-sensitive asthma has been associated with severe horochoopsam, which can be faul. Since cross reactivity, including bronchopsam, between aspirina and over RSADb sa baberne ported in such appirins-sensitive patients, melosicam should not be administered to patterns with this form of aspirin sensitivity and bound be used with canon in patterns with pre-existing adman-

#### 5.14 Monitoring

Because serious GI ract ulcerations and bleeding can occur without warning symptoms, physicians should monitor for signs or symptoms of GI bleeding. Patients on long-term rearmer with NSAIDs should have the: CGE and a chemistry profile checkel periodically. If clinical signs and symptoms consister with liver or retail disease develop, systemic marifestations occur (e.g., eosinophilin, rash, etc.) or if aborrant liver tests persists or vorsen; melocicam should be discontined.

#### 6. ADVERSE REACTIONS

6. ADVERSE REACTIONS
Because clinical trials are concluded under widely varying conflictors, adverse reaction rates observed
into clinical trials of a range cannot be directly compared to rates in the clinical trials of another drug
and may not reflect the rates observed in practice.
The following service reactions are discussed elsewhere in the labeling:
Cardiovascular thromototic events [See BOXED WARNING and WARNINGS AND
PERCONTROL Formation and the clinical trials of another drug
and may not reflect the rates observed in practice.
Cardiovascular thromototic events [See BOXED WARNING and WARNINGS AND
PERCONTROL Formation and trials are discussed elsewhere in the labeling:
Cardiovascular diversity of the clinical trials of another drug
waRNINGS and VERCUTIONS (5.2)]
Hepatic effects [See WARNINGS AND PERCONTRONS (5.3)]
Congestive heart rations and see WARNINGS AND PERCONTRONS (5.5)]
Read effects [See WARNINGS AND PERCONTRONS (5.5)]
Anaphylacido tractions [See WARNINGS AND PERCONTRONS (5.5)]
Adverse sikin reactions [See WARNINGS AND PERCONTRONS (5.5)]
Cardiovascular tractions [See WARNINGS AND PERC

#### 6.1 Clinical Trials Experience

#### Adults

Adults Octoordbride and Rheumatoid Arthritis The melosiciann Phase 2/0 clinical trial database includes 10,122 OA patients and 1012 BA patients reach of white noisean 7.5 migulty, 2030 OA patients and 1355 BA patients reased with melosiciann 15 migulty. Melosician at these dores was administered to 661 patients for at least 6 months and to 32 patients for at least 6 months, and 2030 OA patients and 1035 BA patients and the solution active-comolled osteoarchitis trials and 2036 of these patients were the reacted in ten placebo- and/or active-comolled neuronal darking trials. Gasconitential (Ci) adverse actives were the most frequently reported adverse events in all treatment groups across meloracum trials. A 32 analymbridge and adverse events in all restances for the conducted in average with omenotitis of

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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

	Placebo	Meloxicam 7.5 mg daily	Meloxicam 15 mg daily	Diclofenac 100 mg daily
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	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	2.5	2.6	0.6	2.0

## Table 1b Adverse Events (%) Occurring in ≥2% of Meloxicam Patients in two 12-Week Rheumatoid Arthritis Placebo-Controlled Trials

	Placebo	Meloxicam 7.5 mg daily	Meloxicam 15 mg daily
No. of Patients	469	481	477
Gas trointes tinal Disorders	14.1	18.9	16.8
Abdominal pain NOS*	0.6	2.9	2.3
Dyspeptic signs and symptoms <sup>†</sup>	3.8	5.8	4.0
Nausea*	2.6	3.3	3.8
General Disorders and Administration Site Conditions	1		
Influenza-like illness*	2.1	2.9	2.3
Infection and Infestations			
Upper respiratory tract infections-			
pathogen class unspecified <sup>†</sup>	4.1	7.0	6.5
Musculoskeletal and Connective Tissue Disorders			
Joint related signs and symptoms <sup>†</sup>	1.9	1.5	2.3
Nervous System Disorders Headaches NOS <sup>*</sup>	6.4	6.4	5.5
Skin and Subcutaneous Tissue Disorders	0.4	0.4	5.5
Rash NOS*	1.7	1.0	2.1
* MedDRA preferred term: nausea, abdominal pain NOS, influe	nza-like illness	headaches NOS.	and rash NOS
<sup>†</sup> MedDRA high level term (preferred terms): dyspeptic signs an eructation, gastrointestinal irritation), upper respiratory tract in pharyngitis NOS, sinusitis NOS), joint related signs and sympt crepitation, joint effusion, joint swelling)	nd symptoms (o fections-patho	lyspepsia, dyspepsia gen unspecified (la:	a aggravated, ryngitis NOS,

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

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

	4 to 6 Weeks Controlled Trials		Aonth Controlled Tr	ials	
	Meloxicam Melox		am Meloxicam M		
	7.5 mg daily	15 mg daily	7.5 mg daily	15 mg daily	
No. of Patients	8955	256	169	306	
Gastrointestinal	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	0.47	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				2.6	
Nervous System					
Dizziness	1.1	1.6	2.4		
Headache	2.4	2.7	3.6	2.6	
Hematologic				2.9	
Anemia	0.1	0.0	4.1		
Mus culos keletal				1.3	
Arthralgia	0.5	0.0	5.3		
Back pain	0.5	0.4	3.0	0.7	
Psychiatric				1.6	
Insomnia	0.4	0.0	3.6		
Respiratory				1.0	
Coughing	0.2	0.8	2.4		
Upper respiratory tract infection	0.2	0.0	8.3	7.5	
Skin				0.0	
Pruritus	0.4	1.2	2.4		
Rash	0.3	1.2	3.0	1.3	
Urinary				1.3	
Micturition frequency	0.1	0.4	2.4		
Urinary tract infection	0.3	0.4	4.7	6.9	

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.

allergic reaction, face edema, fatigue, fever, hot flushes, malaise, syncope, weight decrease, weight increase angina pectoris, caediac failure, hypertension, hypotension, myocardial infarction, vasculitis Body as a Whole Cardiovascular 
 Cardiovascular
 a

 Central and Peripheral Nervous System C

 Gastrointestinal
 c

 Heart Rate and Rhythm
 a

 Hematologic
 la
 convulsions, paresthesia, tremor, vertigo colitis, dry mouth, duodenal ulcer, eructation, esophagitis, gastric ulcer, gastritis, ga arrhythmia, palpitation, tachycardia ageal reflux, gastrointestinal he mesis, hemorrhagic duodenal ulcer, hemorrhagic gastric ulcer, intestinal perforation, melena, pancr enal ulcer, perforated gastric ulcer, sto Liver and Biliary System

Metabolic and Nutritional	dehydration
Psychiatric	abnormal dreaming, anxiety, appetite increased, confusion, depression, nervousness, somnolence
Respiratory	asthma, bronchospasm, dyspnea
Skin and Appendages	alopecia, angloedema, bullous eruption, photosensitivity reaction, pruritus, sweating increased, urticarla
Special Senses	abnormal vision, conjunctivitis, taste perversion, tinnitus
Urinary System	albuminuria, BUN increased, creatinine increased, hematuria, renal failure

#### 6.2 Post Marketing Experience

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#### 7. DRUG INTERACTIONS

ee 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

When meloxican is administered with a spirin (1000 ng three times daily) to healthy volunteers, an increase the AUC (10%) and  $C_{\rm max}$  (24%) of meloxicam was noted. The clinical significance of this interaction is not howner, however, as with other NSABD sconconstant administration of meloxicam a aspirin is not generally recommended because of the potential for increased adverse 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

7.5 Duretics Clinical studies, as well as post marketing observations, have shown that NSAIDs can reduce the matrivetic effect of furosentide and thiazides in some patients. This response has been attributed to inhibition of renal prostagiandin synthesis. However, studies with furosentide agers and meloxican have not demonstrate a reduction in marinter effect. Provendie single and mathipe dose pharmacohyamics and pharmocohiantics are not affected by multiple doses of meloxican have reducember growthin and the study with meloxican pharens should be observed closely for signs of renal failure [See WARNINGS AND PRECAUTIONS (5.6)], as well as to ensure diaretic efficies.

#### 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 meloicants 1 mg every days a compared to subject receiving lithium andion. These effects have been attributed to inhibition of renal prostaglandin synthesis by meloicam. Closely monitor patterns on lithium netament for signs of lithium toxicity when meloicam is introduced, adjusted, or withdrawn.

#### 7.5 Methotrexate

1.3 MEMORECARE NASIDs have been reported to competitively inhibit methorexate accumulation in rabbit iddney slices Therefore, NSAIDs may reduce the elimination of methorexate, thereby enhancing the toxicity of methorexate. Use caution othere methocicam is administered concomitantly with methorexate [See CLINICAL PHARMACOLOGY (12.3)].

#### 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 nephrotoxicity. 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 anticoagulant activity, particularly in the first few days after initiating or changing meloxicam therapy in patients receiving warfarin or similar agents, since these patients are at an increased risk of bleeding than with the use or either day galone. Use causion when administering meloxicam with warfarin since patients on warfarin may experience changes in tNR and an increased risk of bleeding complications when are melications in imduced [See CLINICAL PHRAMCOLOGY [123]].

8. USE IN SPECIFIC POPULATIONS

#### 8.1 Pregnancy

Pregnancy Category C; Category D starting 30 weeks gestation

Pregnancy Category C: Category D starting 3D weeks gestation There are no adoptime and well-corroralled studies in pregnary only if the potential benefit justifies the potential risks to the feats. Sarting at 3D weeks gestation, avoid meloxicamat other NSADs, in pregnant vomen as premature closure of the datcins attentions in the feats may occur. If this drug is used during this time period on pregnary, informed patter of the potential hazardo a classic (see WARNINGS AND PRECAUTIONS (5.5) and PATIENT COUNSELING INFORMATION (17.3).

## Teratogenic Effects

Francesconse a process model and a second second

Nonteratogenic Effects In ras and rabbits, embryolethality occurred at oral meloxicam doses of 1 mg/kg/day and 5 mg/kg/day respectively (0.65-and 6.5-fold greater, respectively, than the MRHD based on BSA comparison) wh administered throughout organogenesis.

#### 8.2 Labor and Delivery

6.2 Laurer ann Dervery The effects of molecular on labor and delivery of pregnant women are unknown. Oral administration of melosicam to pregnant rask during late gestation through lactation increased the incidence of dystocia, delayed parturition, and decressed of dispiring survival at melosicamidoses of 0.105 mg/kgdkay or greater (at least 12.5 times lower than the maximum recommended human daily dose based on body surface area commerican).

#### 8.3 Nursing Mothers

usa vusang suturts li is noi known whether this drug is excreted in human milk however, meloxicam was excreted in the milk of lacturing rats at concernations higher than those in plasm. Because many drugs are excreted in human milk and because of the potential for serious adverse reactions in marsing indians from meloxicam, a decision should be made whether to discontinue nursing or to discontinue the drug, taking into account he importance of the drugs in the moher.

#### 8.4 Pediatric Use

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

8.5 Geriatric 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 other reported clinical experiences has not identified differences in responses between the elderly and younger patients, but greater sensitivity of some older individuals cannot be niele out.

#### 8.6 Hepatic Impairment

No dose adjustement is necessary in patients with mild to moderate hepatic impairment. Patients with severe hepatic impairment have not been adequately studied. Since meloxicani si significantly metabolized in the liver, the use of meloxicani ni hese patients should be done with caution [See WARNINGS AND PRECAUTIONS (5.3) and CLINICAL PHARMACOLOGY (12.3)].

8.7 Renal Impairment

6.7 Kenal impairment No dose adjustme is necessary in patients with nild to moderate renal impairment. Patients with severe renal impairment have not been studied. The use of meloxican in subjects with severe renal impairment is not recommended Following a single does of meloxican, the tree Camp Bane concentrations were higher in patients with renal failure on chronic hemodialysis (1% free fraction) in comparison to healthy volumeres (0.3% free fraction). Therefore, it is recommended that meloxican dosage in this population not exceed 7.5 mg per day Hemodialysis did not lower the total drug concentration in plasm; therefore, additional doses are not necessary after hemolialysis. Molecular is not adjustic [See DOSAGE AND ADMINISTRATION (2.1), WARNINGS AND PRECAUTIONS (5.6), and CLINICAL PHARMACOLOGY (12.3)).

#### 10. OVERDOSAGE

There is limited experience with meloxicam overdose. Four cases have taken 6 to 11 times the highest recommended dose; all recovered. Cholestyramine is known to accelerate the clearance of meloxicam. For additional information about overdose treatment, call a poison control center (1-800-222-1222).

#### 11. DESCRIPTION

Melosicam, an oxicam derivative, is a member of the enolic acid group of nonsteroidal ani-inflammuny drugs (ISAIDs). Each light yellow melosicamable contains 75 mg or 15 mg melosicam for oral administration Melosicam is testicatically designated at 43/dstov2-melhy/4-5-melhy/2-hitanoi/j12-Hr-2-benonblazine-3-carboxamide-1,1-dioxide. The molecular weight is 351.4. its empirical formal is c1\_aHy<sub>2</sub>No<sub>2</sub>O<sub>2</sub> and the abs for following instrumation for the start of the sta

 $\label{eq:stars} Meloxicam is pastel yellow solid, practically insoluble in water, with higher solubility observed strong acids and bases. It is very slightly soluble in methanol, Meloxicam has an apparent partition coefficient (log Pjapp = 0.1 in n-octanol/buffer pH 7.4. Meloxicam has pike values of 1.1 and 4.2.$ Meloxicam tablet is available as a tablet for oral administration containing 7.5 mg or 15 mg meloxicam The inactive ingredients in meloxicam tablets include colloidal silicon dioxide, crospovidone, lactose monohydrate, magnesium stearate, microcrystalline cellulose, povidone and sodium citrate dihydrate.

#### 12. CLINICAL PHARMACOLOGY

#### 12.1 Mechanism of Action

The mechanism of rectom of meloxicam, like that of other NSAIDs, may be related to prostaglandin synthetase (cyclo-oxygenase) inhibition which is involved in the initial steps of the arachidonic acid cascade, resulting in the reduced formation of prostaglandins, thromboxanes and prostacylin. It is no completely understood how reduced synthesis of these compounds results in therapeute efficacy.

#### 12.2 Pharmacodynamics

Meloxicam exhibits anti-inflammatory, analgesic, and antipyretic activities

## 12.3 Pharmacokinetics

Absorption The absolute biovailability of meloxicam capsules was 89% following a single oral dose of 30 mg compared with 30 mg IV bolus injection. Following single intravenues doses, dose-proportional pharmachiketics rever shown in the range of 5 mg to 60 mg. After multiple onal doses the pharmachiketics of meloxican capsules were dose-proportional over the range of 55 mg to 15 mg. Mean Ca<sub>man</sub>, was achieved within four to five hours after a 7.5 mg meloxicam was taken under fasted were reached by Days A. A second meloxicam concentration peak occurs around 12 to 14 hours post-dose suggesting bilary recycling.

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

		Steady State			Single Dose	
Pharmacokinetic Parameters (% CV)		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
Cmax	[µg/mL]	1.05 (20)	2.3 (59)	3.2 (24)	0.59 (36)	0.84 (29)
t <sub>max</sub>	[h]	4.9 (8)	5 (12)	6 (27)	4 (65)	10 (87)
t1/2	[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)
Vz/f	IL1	14.7 (32)	15 (42)	10 (30)	26 (44)	14 (29)

#### Food and Antacid Effects

Food and Antacid Effects Administration of meloxicam capsules following a high fat breakfast (75 g of fat) resulted in mean peak drug levels (e.e., C<sub>max</sub>) being increased by approximately 22% while the extent of absorption (AUC) was michanged: The line to maximum concernation (T<sub>max</sub>) was a hieved bortexets 3 and 6 hours. In was michanged: The line to maximum concernation (T<sub>max</sub>) was a hieved bortexets 3 and 6 hours. In was included: The line to maximum concernation (T<sub>max</sub>) was a hieved bortexets 3 and 6 hours. In a similar high fat meal, while mean T<sub>max</sub> values were increased to approximately 7 hours. No paramecokinetic interaction was detected with concentuat administration of anacids. Based on these results, nedoxican can be administered without regard to timing of meals or concontinut administration of a nancids.

#### Distribution

Databation The mean volume of distribution (Vss) of meloxic and is approximately 10 L. Meloxic and is -99.4% bound is human plasma proteining (primarily allbuning) within the therapenic dose range. The fraction of the distribution of the second second

uerecteu in me pusitia was present as unchangen metoxican. Meloxicam concentrations in synovial fluid, after a single oral dose, range from 40% to 50% of those in plasm. The free fraction in synovial fluid is 2.5 times higher than in plasma, due to the lower albumir content in synovial fluid as compared to plasma. The significance of this penetration is unknown. Metabolism

Metabolism Metochoim extensively metabolized in the liver. Meloxicam metabolites include 5-carboxy meloxicam (60% of dose), from H-50 methate metabolism formed by xxidation of an intermediate metabolite 5-dyokyymethy meloxicam which is also excretered to a lesser extered (% of dose). Intro-studies indicate that CVP2C9 (cyochrome P450 metabolizing exyme) plays an important role in this metabolic gathywy with a minor comtinuous of the CVP3A hospita. The second second second special second Excretion

Exerction Meloxican excretion is predominantly in the form of metabolites, and occurs to equal extents in the urine and feces. Only traces of the unchanged parent compound are excreted in the urine (0.2%) and feces (1.0%). The seture of the urinary excretion was confirmed for unlabeled multiple 7.5 mg doses: 0.5%, 6%, and 15% of the dose were found in urine in the form of melosican, and the 5-hydroxymethyl and 5-carboxy metabolites, respectively. There is significant billing and/or enterlist excretion of the unchanged bar of the dominant of the observation of holesynamic following a single IV dose of molecular the NLC of melosicant by 50%.

The mean elimination half-life ( $t_{1/2}$ ) 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 mLmin.

## Special Populations Geriatric :

Orman a more (dG) years of age) exhibited metrotic ranging metro cover surfaces and indeplysates. Metrometeskiete's continue power mattern Elderly trender (65 years of age) take 1.47% higher AUC, and 25% higher Canza's as compared to younger females (cSS years of age) take to body weight monitations. Despite the increased on duc concentration in the delerly females, the adverse event profile was comparable for both elderly patient populations. A smaller free fraction was found in elderly fremela gathers in comparison to elderly matter agates. A smaller free fraction was found in elderly fremela gathers in comparison to elderly matter agates.

#### Gender:

Young females exhibited slightly lower plasma concentrations relative to young miles. After single dones of 75 mg meloxicam, the meane ilimitation half-life was 10.5 hours for the female group as compared to 23.4 hours for the male group. At study stage, the data were similar (17.9 hours y 21.1 hours). This pharmacohinetic difference due to gendre is likely to be of limit clinical importance. There was linearily of pharmacohinetic and no appreciable difference in the <u>curve</u> T man across of the man and the similar to the similar tothesite to the similar to the simila gende

#### Hepatic Impairment

rapput impairment: "In the probability of the second se

#### Renal Impairment:

Rend Impairment: Metosticam pharmecohine tics have been investigated in subjects with mild and moderate renal impairment. Total drug plasma concentrations of melosicam decreased and total clearance of melosicam increased with the degree of renal impairment while free AUC values verse rainflar in all groups. The higher melosicam clearance in subjects with renal impairment may be due to increased fraction of unbound melosicam external for hepatic melositism and subsequent excretion. No dosage adjustment is necessary in patients with mild to moderate renal impairment. Patients with severe renal impairment have not been adsequely six undef. The used of molecular mit subjects with severe renal impairment have not been adsequely six undef. The used of molecular mit subjects with severe renal SPECIEC POPULATIONS (67.). SPECIEC POPULATIONS (67.).

#### Hemodialysis:

Immunoysa. Following a single dose of meloxicani, the free C<sub>max</sub> plasma concentrations were higher in patients with rend failure on church benndialysis (1%) free fraction) in comparison to healthy volumers (0, 3%) does are not necessary after hemodialysis. Meloxicani no todialysis (5%) for DOSAGE AND ADMINISTRATION (2.1), WARNINGS AND PRECAUTIONS (5.6), and USE IN SPECIFIC POPULATIONS (6.7).

#### Drua Interactions

Unrug intercutions Aspirin: When meloxicam is administered with aspirin (1000 mg three times daily) to healthy volunteers it needed to increase the AUC (10%) and C<sub>max</sub> (24%) of meloxicam. The clinical significance of this interaction is not known [See DRUG INTERACTIONS (7.2)].

interaction is not known [see DRUG INTERACTIONS [7,2]). Cholesynamics: Prevensmer for for our days with cholesynamics significantly increased the clearance of meloxicam by 50%. This resulted in a decrease in t1/2, from 19.2 hours to 12.5 hours, and a 35% reduction in AUC. This suggests the existence of a recirculation pathway for meloxicam in the gastorimestiant later. The clinical relevance of this interaction has no these established. Cimetidine: Concomitant administration of 200 mg cimetidine four times daily did not alter the single-dose pharmacokinetics of 30 mg meloxicam.

dose pharmacolinetics of 30 mg melosicam. Digosin: Melosicam 15 mg once duily for 7 days did not alter the plasma concentration profile of digosin after B-acetyldigosin administration for 7 days at clinical doses. *In vitro* testing found no protein binding drug interaction between digosin and melosicam. *Lthium:* 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 B04 to 107 mg whole duily with melosicam 15 mg (D every du) as compared to subjects receiving lithium alone [See DRUG INTERACTIONS (7.4)].

INTERACTIONS (7.4), Methoroxate: A and in 13 theumanid arthritis (RA) patients evaluated the effects of miltiple doses of melosicam on the pharmacokinetics of single doses of methorize and and thave a significant effect on the pharmacokinetics of single doses of methorize take. In vitro, methorize ate did not displace melosicam from its human serum binding sites (See DRUG INTERACTIONS (7.5)).

suppose menoscami romans manual sectorization and set (See Decourse Leaker LIMS (1/3)). Wierfrein: The effect of melosica mono the auticoagulate effect of warfari news satisfield in a group of heading subjects receiving daily doses of warfari nin har produced an NNE (thermational Normalized average anticoagulate effect of warfarian s determined by protomothin inter. However, one subject showed an increase in NNE from 1.5 to 2.1. Caution should be used when administering melosicam with varfarian size patients on varfarian may experience changes in NNR and increased risk of bleding

#### 13. NONCLINICAL TOXICOLOGY

#### 13.1 Carcinogenesis, Mutagenesis, Impairment Of Fertility

Carcinoaenesis

Currengements There was no increase in tumor incidence in long-term carcinogenicity studies in rats (104 weeks) and mice (99 weeks) administered melosicama to roal doses up to 0.8 mg/kg/day in rats and up to 8.0 mg/kg/day in nice (up to 0.5- and 2.6-fold, respectively, the maximum recommended human daily dose based on body surface area comparison).

## Mutaaenesis

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

Meloxican did not impair male and female 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-fold greater, respectively, than the maximum recommended human daily dose based on body surface area comparison).

#### 14. CLINICAL STUDIES

14.1 Osteoarthrids and Rheumatoid Arthridis The use of melosicism for the resument of the signs and symptoms of osteoarthrids of the love and hip wave evaluated in a 12 versel, double-hild controlled trial. Melosiciam (0.75 mg, 7.5 mg, and 15 mg patter global assessment, patter pain assessment, and total WOMAC score (a self-astimististered questromize addressing pain, function, and stiffness.) Patterns on melosican 7.5 mg duily and melosiciam 15 mg duily showed significant improvement in each of these endpoints compared with placeto.

The use of meloxicam for the management of signs and symptoms of osteoarthritis was evaluated in six double-bildt, active-controlled trials outside the U.S. ranging from 4 weeks' to 6 months' duration. These trials, the efficacy of meloxican, in doess of 7.5 moldy and 15 mg/dky was comparable to piroxicam 20 mg/dky and diclofenac SR 100 mg/dky and consistent with the efficacy seen in the U.S. trial. doubi these pirox trial.

train. To use of melosicant for the treatment of the signs and symptoms of rheumaoid arthritis was evaluated in a 12-week, double-blind; controlled miditational ruli. Melosicam (75 mg, 15 mg, and 22 spr gdaly) comparing maximum of collical; laboratory, and functional measures of 1A response. Patters treeview melosicam 75 mg and 15 mg ddaly showed significant improvement in the primary endpoint compared with placebo. No: incremental benefit was observed with the 22 mg data collication of the tresponse of the primary of the tree of the start of the with placebo. No: incremental benefit was observed with the 22 mg data collication of the start of

#### 16. HOW SUPPLIED/STORAGE AND HANDLING

Meloxicam Tablets USP, are available as a light yellow coloured, round, biconvex tablet plain on one side and debossed with '7.5' on onther side containing meloxicam 7.5 mg or as a light yellow coloured, oval shaped, biconvex tablets plain on one side and debossed with '15' on other side containing meloxicam 15 mg.

Meloxicam Tablets USP, 7.5 mg are available as follows 
 Boules of 100
 NDC 68180 - 501 - 01

 Boules of 1000
 NDC 68180 - 501 - 03

 eloxicam Tablets USP, 15 mg are available as follows:
 Bottles of 100 NDC 68180 - 502 Bottles of 1000 NDC 68180 - 502 - 03 NDC 68180 - 502 - 01

Store at 20°C 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 Cardiovas cular Effects

NADDs including meloxican tablets may cause serious CV side effects, such as MI or stroke, which may result in hospitalization and even death. Although serious CV events can occur without warring symptoms, patients should be alter for the signs and symptoms of chest pain, shortness of breath, weakness, slurring of speech, and should ask for medical advice when observing any inflicative signs symptoms. Patients should be appreted of the importance of this follow-up [See WARNINGS AND And the structure of the signs of speech should be appreted by the structure of the structur symptoms. Patients shoun PRECAUTIONS (5.1)].

#### 17.3 Gastrointestinal Effects

1.2. a sustainmentum EIPECS SANDs including penksicam able, can cause Gi discontrion and ranely, serious Gi side effects, such an aleres and bleeding, which may result in hospitalization and even death. Although serious Gi tract ulcerations and bleeding, and the series of supersons on alternations and therefing, and should ask for medical ableve when observing any indicative signor symptoms including engigatoric path, dyspensia, memory, and herman ensits. These substantials and apprised of the importance of this follow-up [See WARNINGS AND PRECAUTIONS (5.2)].

### 17.4 Hepatotoxicity

Inform patients of the varing signs and symptoms of hepatotoxicity (e.g., nausea, fatigue, lethargy, protrains, jaundic, right upper quadrat tenderness, and "Ilu-like" symptoms). If these occur, instruct patients to stop therapy and seek immediate medical therapy [See WARNINGS AND PRECAUTIONS [53]].

#### 17.5 Adverse Skin Reactions

17.5 Adverse Skin Reactions NSADbs including neokicam tablest, can cause serious skin side effects such as exfollative dermutitis, Sievens-Johnson Syndrome (SS), and toak c epidermal necrolysis (TEN), which may result in hospitalization and even dash. Although serious sint aracicons may occur without varning, patients should be alertfor the signs and symptoms of skin raish and blisters, fever, or other signs of hyperensitivity scales in kinhing, and should ask for metcla and side ve hero hoering any inflicative signs or symptom. Advise patients to sup de duag lambdar with yield field and contact their physiciam is stoom a possible flee wANNINGS AND PRECAUTIONS (Sd).

#### 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 PRECAUT 1008 (5.7)].

#### 17.8 Effects During Pregnancy

Starting at 30 weeks gestation, meloxican tablet should be avoided as premature closure of the ductus arteriosus in the fetus may occur [See WARNINGS AND PRECAUTIONS (5.9) and USE IN SPECIFIC POPULATIONS (8.1)1.

Manufactured for: Lupin Pharmaceuticals, Inc.

Baltimore, Maryland 21202 United States Manufactured by Lupin Limited Goa 403 722

INDIA

Revised: January, 2011

Meloxicam Tablets USP 7.5 mg and 15 mg

7.5 mg and 15 mg Rx Oaly Medication Guide for Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) (See the end of this Medication Guide for a list of prescription NSAID medicines.) What's the most stimportant information 1 should know about medicines called Non-Steroidal Anti-Inflammatory Drugs (NSAIDs)?

Ame imminiatory Drug (COSAUD): 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 • inpeople who have heart disease

ID#: 223312

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

NSAID medicines can cause ulcers and bleeding in the stomach and intestines at any time during treatment. Ulcers and bleeding: • can happen without warting symptom. • up cause deal

noy cance team
 The chare of a person getting an ulcer or bleeding increases with:
 taking medicines called "corticosteroids" and "anticoagulans"
 smoking
 ofrinking alcohol
 older age
 having poor health

- NSAID medicines should only be used: exactly as prescribed
- exactly as prescribed
  at the lowest dose possible for your treatm
  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-term pain

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

# who should not use a row-second nur manimum y prog (SSAD): Do not take an NSAD medicine • If you had an asthma attack, hives, or other allergic reaction with aspirin or any other NSAID medicine • for pain right before or after heart bypass surgery

Tell your healthcare provider: • about all of your medical constitute. • SSLDD and some other medicines can interact with each other and cance seturis older effects. Keep a list of your medicines to show to your healthcare provider and pharmackt. If you are pregument. SSLD medicines should not be used by pregumt women late in their pregumer. If you are pregument. SSLD medicines should not be used by pregumt women late in their pregumer.

What are the possible side effects of What are the possible side energies of Non-Steroidal Anti-Inflammatory Drugs (NSAIDs)? Serious side effects include: • heart attack

- Series and the series of the s

# Other side effects include: • stomach pain • constipation • diarrhea • gas

## gas heartburn nausea

- vomiting
   dizziness

# Get emergency help right away if you have any of the following symptoms: • shorness of breath or rouble breathing • chest pain • weakness in one part or side of your body • silurned speech • swelling of the face or throat

# swelling of the face or throad Sony your XSAD medicine and call your healthcare provider right away if you have any of the following symptoms: instea more first or weaker than usual iteling your skinor eyes look yellow isomch pain file-line symptoms there is blood in your bowel movement or it is black and sticky like tar unsual weight gain sikarnako mbiters with fiver sweatleng of the symptoms sikarnako mbiters with fiver sweatleng of the arms and legs, hands and feet The same taid of seferar stick VA DU medicines. Tailine arms unbehaven mension or

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. You may also report side effects to Lupin Pharmaceuticals, Inc. at 1-800-399-2561.

Tou may also report sue curces to Lupn Prannaceutcas, inc. at -out-399-2501. Other information about Non-Steroidal Andi-Inflammatory Drugs (NSAIDs) A spirin is an NSAID medicine built idoes not increase the charce of a heart attack. Aspirin can cause bleeding in the brain, stormach, and intestines. Aspirin can also cause ulcers in the stormach and interctine:

- Intestines. Some of these NSAID medicines are sold in lower doses without a prescription (over-the-counter). Talk to your healthcare provider before using over-thecounter NSAIDs for more than 10 days. NSAID medicines that need a prescription

Tradename
Celebrex
Cataflam, Voltaren, Arthrotec (combined with misoprostol)
Dolobid
Lodine, Lodine XL
Nalfon, Nalfon 200
Ansaid
Motrin, Tab- Profen, Vicoprofen (combined with hydrocodone), Combunox (combined with oxycodone)
Indocin, Indocin SR, Indo-Lemmon, Indomethagan
Oruvail
Toradol
Ponstel
Mobic
Relafen
Naprosyn, Anaprox, Anaprox DS, EC- Naprosyn, Naprelan, Naprapac (copackaged with lansoprazole)
Daypro
Feldene
Clinoril

## Tolectin, Tolectin DS, Tolectin 600

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

Manufactured for:

Lupin Pharmaceuticals, Inc. Baltimore, Maryland 21202 United States

Manufactured by

Lupin Limited





nactive Ingredients	
Ingredient Name	S
OLLOIDAL SILICON DIOXIDE (UNI: ETJ726 XBU4)	
ODIUM CITRATE (UNII: 1Q73Q2JULR)	
ELLULOSE, MICROCRYSTALLINE (UNIE OPIR32D61U)	
RO SPO VIDO NE (UNIE 6840 1960 MK)	
OVIDO NE (UNIE FZ989 GH94E)	
ACTO SE MO NO HYDRATE (UNIE EWQ57Q8 5X)	
AGNESIUM STEARATE (UNI: 70097M6B0)	

trength

## act Ch Score Size Imprint Code yellow (Light Yellow) ROUND (Round, Bico 8 mm

 Packaging
 Titem Code
 Package Description
 Marketing Start Date
 Marketing End Date

 # INC:::944-293-30
 30 = 180TTLE
 Marketing Start Date
 Marketing End Date

## Marketing Information Marketing Gategor Application Number or Monograph Classion Marketing Start Date Marketing Start Date ADA ADDA '77944

Labeler - Blenheim Pharmacal, Inc. (171434587)

Registrant - Blenheim Pharmacal, Inc. (171434587)

Establishment Name Address IDFEI Business Operations Benheim Pharmarcal, Inc. 171431637 repack

Blenheim Pharmacal, Inc. Revised: 6/2011