MELOXICAM - meloxicam tablet A-S Medication Solutions

HIGHLIGHTS OF PRESCRIBING INFORMATION
These highlights do not include all the information needed to use MELOXICAM TABLETS
USP. safely and effectively. See full prescribing information for MELOXICAM TABLETS USP. MELOXICAM Tablets USP, for oral use initial U.S. Approval: 2000

East full practicities (information for complete board earthing.

Restational Content of the Content of Conten

Boxed Warning 5/2016 Indications and Usage, juvenile Rheur 6/2016 62016
Dosage and Administration, General Dosing Instructions (2.1) 6/2016
Dosage and Administration, Sweele Resumated Affecting (RA) Flucializational and Polyanticular Course
(2.4) 6/2016
Wasnings and Precusions, Curdiovascular Thompholic Events (S.1) 5/2016
Wasnings and Precusions, Neutral Ballies and Edents (5.5) 5/2016

Ministration that the second s

7.5 mg once daily in children a 60 kg

• Meloxicam Tablets are not interchangeable with approved form total milligram strength is the same (2.6)

DOSAGE FORMS AND STRENGTHS
 Melasicam Tablets USP: 7.5 mg and 15 mg (1)

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 ** Count Tablets USP-7.5 mg and 15 mg (3)
 ** Excess hypersensibility to meliculation or any components of the drug product (4)
 ** Hotory of authors, urbans, or other allengts-type reactions after taking aspirin or other NSAIDs (4)
 ** In the setting of Colfice usages (4)
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PRIL PRECEDENCE AND UNDERSTORM, CONTENTS*

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8.2 Lactation 8.3 Females and Males of Reproduc 8.4 Pediatric Use 8.5 Geriatric Use

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WARNING: RISK OF SERIOUS CARDIOVASCULAR AND GASTROINTESTINAL EVENTS

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* ISABID cause an increased risk of serious gastrointestinial (01) educate an increased risk of serious gastrointestinial (01) educate avents including blaeflow, usertion, and partoristics of the any time during use and without warming symptoms. Blaefly patients and patients with a prior history of party user disease endired 01 bleeding are all growter risk for serious 01 events (see Warmings and Processibles (6.2).

1 INDICATIONS AND USAGE

1.1 Osteoarthritis (OA) Meloxicam tablets are indicated for relief of the signs and symptoms of osteoarthritis [see Chical 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)).

attents you Circus sources (1-1).

1.3 Invenile Michamatoli Arthritis (JRA) Pauciarticular and Polyarticular Course
Molosicam talekts are indicated for relief of the signs and symptoms of pauciarticular or
polyaricular course jovenile filosomatoli Arthritis in palients who weigh selfo kig face
Dosago and Arthritis eating (2-4) and Circust Studies (14/2).

2 DOSAGE AND ADMINISTRATION

2.1 Searced Dosign Setstructions
Confining consider the potential benefit and risks of Malesiz and tables and other
transmers options before outling to use Melesiz-care stables. Use the breast affective
discape for the shortest divariation consistent with individual patient treatment goals (see
After Calesivery) the recipions is the little through with Melesiz-care stables, adjust the dose to
the confining transmission of t

in adults, the maximum recommended daily oral dose of Mebrican tablets is 15 mg agrantises of formulation. In spatients with hismodalysis, a maximum daily dosage of 7.5 mg is recommended [see Use in Specific Populations (8.7) and Clinical Pharmacology (12.3)].

am tablets may be taken without regard to timing of meals.

Preconcum scenes may be staten wenout regard to triming or meas. 2.2 Osteoarthrikis For the relief of the signs and symptoms of osteoarthrikis the recommended starting and maintenance or all osse of Mistosicam tablets is 7.5 mg once daily. Some patients may receive additional benefit by intereasing the does not 15 mg once additional benefit by intereasing the does not 15 mg once additional benefit by intereasing the does not 15 mg once additional benefit by intereasing the does not 15 mg once additional benefit by intereasing the does not 15 mg once additional benefit by intereasing the does not 15 mg once additional benefit by intereasing the does not seem to 15 mg once additional benefit by intereasing the does not seem to 15 mg once additional benefit by intereasing the does not seem to 15 mg once additional benefit by intereasing the does not seem to 15 mg once additional benefit by intereasing the does not seem to 15 mg once additional benefit by intereasing the does not seem to 15 mg once additional benefit by intereasing the does not seem to 15 mg once additional benefit by intereasing the does not seem to 15 mg once additional benefit by intereasing the does not seem to 15 mg once additional benefit by intereasing the does not seem to 15 mg once additional benefit by intereasing the does not seem to 15 mg once additional benefit by intereasing the 15 mg once additional benefit

how receive additional bound by increasing the dates in \$3 mg and daily.

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2.5 Renal Impairment The use of Moloxicam tablets in subjects with severe renal impairment is not recommended.

to galante, an immediação, que secuelam dosage of Nadorcam tableta à 7.5 mg par des plans Centra Phramesting (12.33).

A Bion Interchangality with Other Formulations of Molasticam Maiscann tablets have not been requisited explaint exposure to other approval formulations of an inflament. The relation tablets are less or their approval formulations of an inflament. The relation tablets are loss of the relationship that same, how not succidade inside dates frengths of Maiscann tablets with other in-tercentations of an inflament product.

3 DOSAGE FORMS AND STRENGTHS

Meloxicam Tablets USP:

• 7.5 mg: Light yellow, round flat beveled edged, tablet with U.S. L debossed on one side and 7.5 debossed centrally on the other side

• 15 mg: Light yellow, capsulus shaped, biconvex, tablet with U.S. L debossed on one side and 1.5 debossed centrally on the other side

4 CONTRAINDICATIONS

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S WARNINGS AND PRECAUTIONS

3.1. Certifevascular Thrombotts Events
Clinical tolic of several CD-2 statistics and monitorities MARAD; of up to three years
entry, including investigated infection (8) and carticles within on the fatal Basel on
the control of the c

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)].

Contramidations (4): Depth 4 Disease.

Observations studies conducted in the Death National Registry have demonstrated that placed to Disease and MRAIDs in the post-MR period were at increased risk of reinflarction, produced to track and MRAIDs in the post-MR period were at increased risk of reinflarction, came coloret, the incidence of seath in the first year post-MR wise 20 per 100 person within its MRAIDs and purpose compared to the produced produced to the colored to the colore

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.

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patients more cosesy for evenence of to leveling tiese Living Interactions (7) §.

5.3. Hepaticosticity

Elevations of ALT or AST (three or more times the upper limit of normal (ULMI) have been reported in approximately 1 for NSAU-treated patients in chiral trials, in addition, rare, commissions fatal; cases of severe hepatic lipiny, inclusing furnishest 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.

Million patient of the warming interest of supersidentity (e.g., names, fillings) patients of the patient patients of the design and operations called and have detailed enabled, or adjustment of the patient patient patient patients of the patient patients of the patient patients of the patient patients of the patients pat

common of thirdays.

3.5 Heart Failure and Edema
The Carib and traditional HSAID Trialists' Collaboration meta analysis of randomized controlled this demonstrated an approximately ten-field increase in hospitalizations for common the controlled this demonstrated an approximately ten-field increase in hospitalizations for commonant or picture brander patients. In a Danish National Registry study of planties with heart failure, HSAID use increased the risk of M, hospitalization for heart failure, and death.

Additionally, fluid retention and edims have been observed in some patients treated with NSAIDs. Use of melonizam may blant the CV effects of several therapeutic agents used to treat these medical conditions (e.g., duratics, 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

Ranal Toxicity. Long-term administration of NSAIDs, including Meloxicam, has resulted in renal papillary necrosis, renal insufficiency, acute renal failure, and other renal hjury.

Renal texticity has also been seen in patients in whom renal prestagination have a compensatory rela in the maintenance of renal pertission. In those patients, administration of an MACAT many cases a deep dependent enduction to provisigation formation and, seasonably, in eval about 1000, which may presipilate overt renal formation and, seasonably, in evaluation of the provision of the provision of formation and, seasonably, in evaluation of the provision of the provision of formation of the provision of the provision of the provision of the provision of durents and ACE inhibitor or ARRIS, and the elderly Discontinuation of NSAD through to could prilated by Concey to the previous and season of the provision of the could prilated by Concey to the previous of the provision of the provision of the provision of the provision of the could prilated by Concey to the previous of the provision of the pr

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 in delipotated or hypocodemic particle for rule hallong.

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Montaer impairment in advanced runal disease, and the use of Montaer in patient, with advanced runal disease, to be benefits are aspected to octawing that

disease, montaer patients for signs of worsening renal function (see Citical of level from account).

No. 7. Anaphylactic Reactions

Meloxicam has been associated with anaphylactic reactions in patients with and without known hypersensibility to meloxicam and in patients with appreciately active active active contradictation (4) and Warnings and Procaudions (5.8).

Seek envergency help if an anaphylatic reaction access.

5.5 Executation of Asthema Radiate to Aspiris Sensibility
Assignation of parties with anothern any low agreementities adminis which may be applied to the parties of the parti

symptoms of attribute.

NSAIDs, including materiating can cause serious skin adverse reactions such as endolute demands. Schemes, plennon Symtome (SSS), and toxic epidemial secreby/significant plants of the control o

5.10 Premature Closure of Fetal Ductus Arteriosus

Meloxicam may cause premature closure of the fetal ductus arteriosus. Avoid use of NSAIDs, including Meloxicam, in pregnant women starting at 30 weeks of gestation (third trinester) [see Use in Specific Populations (8.1)]

5.11 Hematologic Toxicity
Anemia has occurred in NSAID-treated patients. This may be due to occult or gross blood loss, fluit retention, or an incompletely described effect on erythropoiesis. If a patient treated with Netarkarm has any signs or symptoms of anemia, monitor hampiglion or hambarders.
NSAIDs, including Melioscam, may increase the risk of bleeding owners. Co-mortification such as cognition disorders or concentrate use of surfarin, other

anticoagulants, antiplatelet agents (e.g., aspirin), serotonin reuptale inhibitors (SSRIs) and serotonin norepinephrine rouptake inhibitors (SVRIs) may increase this risk. Monitor those 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 diagnostic signs in detecting infections.

5.13 Laboratory Monitoring

Because serious GI bleeding, hepatetoxicky, and renal hiptyr can occur without warning
symptoms or signs, consider monitoring patients on long-term NSAID treatment with a
CEC and a Chemistry profile principally liew Warnings and Procautions (5.2, 3.3, 5.6).

Cité and a chemistry profite particularly lave Warnings and Pre-actions G.S. 5.5. 5.60. A APORESE REALTON SE d'Accessed in greater destail in other sections of the finding sharmer reactions are discussed in greater destail in other sections of the Cardiovaccular Brainfords Cerusii (see Beard manning and Viterarings) and the Cardiovaccular Brainfords Cerusii (see Beard Warning and Viterarings) and Viterarings (see all reactions) (s. 6.3 mill.) (see all reactions) (s. 6.3 mill.) (see all reactions) (s. 6.4 mill.) (see all reactions) (s. 6.3 mill.) (see all reactions) (s. 6.4 mill.) (see all reactions) (s. 6.5 mill.) (see all reactions) (s.

6.1 Clinical Trials Experience Because Cerical trials are conducted under wisely varying conditions, adverse reaction rates between the interioral trials of a drug cannot be directly compared to rates in the chical trials of another drug and may not reflect the rates observed in practice. Adults

Table 1a depicts adverse events that occurred in $\approx 2\%$ of the Melovicam treatment groups in a 12-week placebo- and active-controlled osteoarthrifis trial.

Table 1b depicts adverse events that occurred in $\approx 2\%$ of the Melovicam treatment groups in two 12-week placebo-controlled rheumatoid arthrifis trials.

	Placebo	Meloxicam 7.5 mg daily	mg daily	Diclofenac 100 mg daily
lo. of Patients	157	154	156	153
astrointestinal	17.2	20.1	17.3	28.1
bdominal pain	2.5	1.9	2.6	1.3
fiarrhea	3.8	7.8	3.2	9.2
tyspepsia	4.5	4.5	4.5	6.5
latulence	4.5	3.2	3.2	3.9
lausea	3.2	3.9	3.8	7.2
ody as a Whole				
ccident household	1.9	4.5	3.2	2.6
dema ¹	2.5	1.9	4.5	3.3
al .	0.6	2.6	0.0	1.3
nfluenza-like symptoms	5.1	4.5	5.8	2.6
entral a n d Peripheral Iervous System				
izziness	3.2	2.6	3.8	2.0
leadache	10.2	7.8	8.3	5.9
espiratory				
haryngkis	1.3	0.6	3.2	1.3
pper respiratory tract fection	1.9	3.2	1.9	3.3
kin				
ash ²	2.5	2.6	0.6	2.0

	Placebo Me	loxicam 7.5 mg dail	Meloxicam 15 mg dai
No. of Patients	469	481	477
Sastrointestinal Disorders	14.1	18.9	16.8
Abdominal pain NOS*	0.6	2.9	2.3
Dyspeptic signs and symptoms ¹	3.8	5.8	4.0
Vausea"	2.6	3.3	3.8
Seneral Disorders and Administration Site Co	nditions		
nfluenza-like ilness*	2.1	2.9	2.3
nfection and Infestations			
Jpper Respiratory tract infections-	4.1	7.0	6.5
oathogen class unspecified!			
Musculoskeletal and Connective Tissue Disor	ders		
oint related signs and symptoms?	1.9	1.5	2.3
Nervous System Disorders			
Headaches NOS*	6.4	6.4	5.5
Skin and Subcutaneous Tissue Disorders			
Rash NOS"	1.7	1.0	2.1
 MedDRA preferred term: nausea, abdominal pain NOS, in MedDRA high level term (preferred terms): dyspeptic sig gastrolinisatinal inhabiton), upper nasyphabory tists: infection related signs and symptoms (arthraligia, arthraligia aggrave 	ns and symptoms (dyspens- oathogen unspecified	epsia, dyspepsia aggraval I (lannottis NOS, phannol	ed, eructation, tis NOS, sinusitis NOS), joint

The adverse events that occurred with Meloxicam in x2% 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

	4-6 Weeks Co		6 Month Con	
	Meloxicam 7.5 mg daily			
No. of Patients	8955	256	169	306
Sastrointestinal	11.8	18.0	26.6	24.2
Abdominal pain	2.7	2.3	4.7	2.9
Constipation	8.0	1.2	1.8	2.6
Diarrhea	1.9	2.7	5.9	2.6
Dyspepsia	3.8	7.4	8.9	9.5
latulence	0.5	0.4	3.0	2.6
Vausea	2.4	4.7	4.7	7.2
/omiting	0.6	0.8	1.8	2.6
Body as a Whole				
Accident household	0.0	0.0	0.6	2.9
dema*	0.6	2.0	2.4	1.6
ain	0.9	2.0	3.6	5.2
entral and Peripheral Nervous S	ystem			
Dizziness	1.1	1.6	2.4	2.6
Headache	2.4	2.7	3.6	2.6
Hematologic				
vnemia	0.1	0.0	4.1	2.9
fusculoskeletal				
Arthralgia	0.5	0.0	5.3	1.3
Back pain	0.5	0.4	3.0	0.7
Psychiatric				
nsomnia	0.4	0.0	3.6	1.6
tespiratory				
Coughing	0.2	0.8	2.4	1.0
Jpper respiratory tract infection	0.2	0.0	8.3	7.5
škin				
ruritus	0.4	1.2	2.4	0.0
tash ^r	0.3	1.2	3.0	1.3
Urinary				
Micturition frequency	0.1	0.4	2.4	1.3
Urinary tract infection	0.3	0.4	4.7	6.9

Meloxicam in clinical trials involving a	16,200 patients.
Body as a Whole	allergic reaction, face edema, fatigue, fever, hot flushes, malaise, syncope, weight decrease, weight increase
Cardiovascular	angina pectoris, cardiac failure, hypertension, hypotension, myocardial infarction, vascultis
	System convulsions, paresthesis, tremor, vertigo
Gastrointestinal	colibis, dry mouth, duodenal ulcer, eructation, esophagitis, gastric ulcer, gastritis, gastroesophageal reflux, gastrointestinal hemorrhagic duodenal ulcer, hemorrhagic gastric ulcer, intestinal perforation, melena, pancreatitis, perforated duodenal ulcer, perforated gastric ulcer, stomatitis ulcerative
Heart Rate and Rhythm	arrhythmia, palpitation, tachycardia
Hematologic	leukopenia, purpura, thrombocytopenia
Liver and Biliary System	ALT increased, AST increased, bilirubinemia, GGT increased, hepatitis
Metabolic and Nutritional	dehydration
Psychiatric	abnormal dreaming, anxisty, appetite increased, confusion, depression, nervousness, sommolence
Respiratory	asthma, bronchospasm, dyspnea
Skin and Appendages	alopecia, angioedima, bullous eruption, photosensitivity reaction, pruntus, sweating increased, urticaria
Special Senses	abnormal vision, conjunctivitis, taste perversion, tinnitus

Ulbrain y system

A: 2 has t fast-fasts Experience
The following absence rectices have been fiderfield sharing post approval use of
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DRUG INTERACTIONS
 See Table 3 for clinically significant drug interactions with meloxicam. See also Warnings and Precautions (S.2, S.6, S.11) and Clinical Pharmacology (12.3).

	Table 3 Clinically Significant Drug Interactions with Meloxicam
Drugs that I	interfere with Hemostasis
Clinical Impac	National and anticoagulatists costs in a warfairn have a synamptic effect on blacking. The concendant use of ministration and anticoagulatists costs in a warfairn have a synamptic effect on blacking. The concendant use of ministration and anticoagulatists have a in increased risk of either forum above. Exercise invision by places and post a few forum and a concentration and anticoagulatists have a in increased risk of either forum above. Exercise invision and anticoagulatists costs in a warfairn have a synamptic effect on blacking. The concentration and anticoagulatist costs in a warfairn have a synamptic effect on blacking. The concentration and anticoagulatist costs in a warfairn have a synamptic effect on blacking. The concentration and anticoagulatists and anticoagulatist costs in a warfairn have a synamptic effect on blacking. The concentration and anticoagulatists and anticoagulatist costs in a warfairn have a synamptic effect on blacking. The concentration and anticoagulatists and anticoagulatist costs in a warfairn have a synamptic effect on blacking. The concentration and anticoagulatist costs in a warfairn have a synamptic effect on blacking. The concentration and anticoagulatist costs in a warfairn have a synamptic effect on blacking. The concentration and anticoagulatist costs in a warfairn have a synamptic effect on blacking and anticoagulation and
Intervention:	Monitor passions with concomitant use of Meloxicam with anticoagulants (e.g., warfarin), artipistaskit agents (e.g., warfarin), actipistaskit agents (e.g., warfarin), actipistaskit agents (e.g., aspirin), selective serotonin receptable inhibitors (SSRIs), and serotonin nonepinophrine receptable inhibitors
Aspirin	
	Controlled clinical studies showed that the concernitant use of HSADs and analysesic doses of aspirin dose not produce any greater therapeutic effect than the use of HSADs alone. In a clinical study, the concernitant use of an HSAD and aspirin was associated with a significantly increased incidence of Cil adverse reactions as compared to use of the HSAD and analysesic doses of aspirin dose not produce any greater therapeutic effect than the use of HSADs alone. In a clinical study, the concernitant use of an HSAD and aspirin mass associated with a significantly increased incidence of Cil adverse reactions as compared to use of the HSAD alone [see Warnings and Procautions (5.27)].
intervention:	Enrocomitant use of Multioxicam and low dose appirin or analyseic doses of appirin is not generally recommended because of the increased risk of bleeding Isee Warnings and Presections (5.11)]. Meltoxicam is not a substitute for low dose appirin for cardiovascular protection.
ACE Inhibito	rs, Angiotensin Receptor Blockers, or Beta-Blockers
Clinical Impac	(SAM) in my control, the art departments effect of angitatemian converting earymen (LAC) emblaturs, angitatemian recognite beloases (ABB), or beta beloases increasing in a proposable, in a control who are electric, volume-desired for indication do not an outside the beauty or for investigation of a resident with a control who are electric, volume-desired for indication do not not suffer information of a resident with a resident for investigation of a residen
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Intervention:	During concentrate use of Missicians and ACE inhibbtors, ARIs, or beat-blockers, monitor blood pressure to ensure that the desired blood pressure is ensure that the desired blood pressure is extended. During concentration and ACE inhibbtors or ARIs in patients who are advery, volume-depleted, or have impaired renal function, monitor for signs of worsening renal function (i.e. Warnings and Precautions (S. 6)). When these drugs are administrant concentratory, patients should be adequately prefated. Assessment of the concentration renal function is the beginning of the concentration renal function (i.e. Warnings and Precautions (S. 6)). When these drugs are administrant concentratory, patients should be adequately prefated. Assessment of the concentration renal function (i.e. Warnings and Precautions (S. 6)). When these drugs are administrant concentratory, patients should be adequately prefated. Assessment of the concentration renal function (i.e. Warnings and Precautions (S. 6)). When these drugs are administrant concentratory, patients should be adequately prefated. Assessment of the concentration renal function (i.e. Warnings and Precautions (S. 6)). When the desired blood pressure is extended to the concentration of the concentration renal function (i.e. Warnings and Precautions (S. 6)). When these drugs are administratory concentration of the concen
Diuretics	
Clinical Impac	Exical Studies, as well as post- impairing decision-incomplets, howeved that MSAIDs reduced the naturances (effect. Furocomide layer than the processing and multiple dose pharmacolynamics and pharmacolynamics are patients. The effect has been attributed to the NSAID inhibition of renal prostagationin synthesis, However, Studies with Furocomide agreets and meliorizam have not demonstrated a reduction in naturance effect. Furocomide agree and multiple dose pharmacolynamics and pharmacolynamics are plasmacolynamics are patients.
intervention:	During concomitant use of Meloxicam with distracts, observe patients for signs of worsening renal function, in addition to assuring distract efficacy including antihypertensive effects (see Warnings and Prescautions (5.6)).
Lithium	
	NSAIDs have produced elevations in plasma 8thium levels and reductions in renal 8thium clearance. The mean minimum 8thium concentration increased 15%, and the renal clearance decreased by approximately 20%. This effect has been attributed to NSAID inhibition of renal prostaglandin synthesis (see Clinical Pharmacology (12.3)).
intervention:	During concomitant use of Meloxicam and Ithium, monitor patients for signs of Ithium toxicity.
Methotrexa	
	Concomitant use of NSAIDs and methotrexate may increase the risk for methotrexate taxicity (e.g., neutropenia, thrombocytopenia, renal dysfunction).
Intervention:	buring concomitant use of Melonicam and methotreviate, member patients for methotreviate toxicity.
Cyclosporine	
	Concomitant use of Melbukcam and cyclotyporine may increase cyclotyporine's nephrotoxicity.
Intervention:	During concomitant use of Meloniciam and cyclosporine, monitor patients for signs of worsaning renal function.
NSAIDs and	Salicylates
	Concomitant use of melbunicam with other NSAIDs or saletylates (e.g., diffunisal, salsable) increases the risk of GI toxicity, with little or no increase in efficacy (see Warnings and Procautions (5.2)).
Intervention:	The concombant use of melanicians with other NSAIDs or sall-plates is not recommended.
Pemetrexec	
Clinical Impac	Concomitant use of Meloxicam and pernetrered may increase the risk of pernetrered-associated myelosuppression, renal, and © toxicity (see the pernetrered prescribing information).
	Suring concomitant use of Misosican and permittrioxed, in patients with risnal impairment whose creatmine clearance ranges from 45 to 19 mil.lmin, monitor for myelosuppression, renal and Git toxicity.
Intervention:	Patients taking melaosicam should interrupt dosing for at least five days before, the day of, and two days following permetreeed administration.
	in patients with creatinine clearance below 45 mil, inini, the concentrant administration of meloxicam with permetriesed is not recommended.

tremature) see Warmings and Procedurios (1.10).

There are no institute of an electrostical challed of Milesciscin in propert services. Data from decentration durinder registrating potential entrypristic rates of Milescisco. Data from decentrational durinder registrating potential entrypristic rates of Milescisco. Data from decentrational durinder registration (1.10) and the second potential registration (1.10) and the second potential registration (1.10) and the second rate of 2.4% for major millionrations, and 1.5.2% for properties potential registrations of the of 2.4% for major millionrations, and 1.5.2% for properties (1.10) and the second rate of 2.4% for major millionrations of the second rate of 2.4% for major millionrations of the second rate of 2.4% for major millionration entrypristic data for millionration of the second rate of 2.4% for major millionration entrypristic data for millionration of the second rate of 2.4% for millionration of 2.4% for m

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One administration of melascum to prepare trais during tale speciation through lactation curvain at metascum discussion to prepare trais during tale speciation through lactation curvain at melascum discuss of 0.125 mg/stigity or greater 0.06-times MRHD based on 8.2 Lactation MRHD lactation control of the second second of the second of t

<u>Data</u>

Animal Data

Animal Data

Melosicam was present in the milk of lactating rats at concentrations higher than those in placena.

The safety and effectiveness of meloxicam in pediatric JRA patients from 2 to 17 years of age has been evaluated in three clinical trials (see Dosage and Administration (2.3), Adverse Reactions (6.1) and Clinical Studies (14.2)].

So Containt Use Eastly parisets, compared to younger patients, are at greater risk for NSAID-associated and an advantage of the second of the second of the second of the second of the actic patient tender for the setting patient out-weight these potential risks, start dosing at the law and of the dosing range, and monitor patients for adverse effects (see Wornings and Precautions (2, 3, 5, 5, 5, 5, c).

and Proceedings (3.3, 5.3, 5.8, 5.1).

2.6 Happtic Implement
No does advantaged by a piletes is the risk to moderate largacity implement
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10 OVERDOSAGE
Symptoms (selecting scale MSSID overdiscipes have been typically inheld to lethings,
programs, and makes a selecting scale of the selecting scale

Manage patients with symptomatic and supportive care februing an ISCAID overdoscape. There are no specific existence. Consider emoiss and/or actionate characted (Schollage) consideration cancel (Schollage) and adults. 1 to 2 grams per kg of body weight in padiatric patients) another connect cathest for symptomatic globales seen within from thours of injection connect cathest in symptomatic globales seen within from thours of injection or of during the symptomic patients are within the summary of pages of the state of the symptomic patients of the symptomic patients of the symptomic patients. The symptomic patients are summary on the susfit disease to support the symptomic patients of the symptomic patients.

There is lenked experience with metaxicam overdosage. Chalestyramine is known to discuss of cholestyramine given three times a day west demonstrated in a clinical trial. Administration of cholestyramine given by existed flowing an overdosage. For additional information about overdosage treatment, cal a poison control center (1 806-22-1272).

11 DESCRIPTION

Molocicam Tablets USP are a monsteroidal anti-inflammatory drug (MSAID). Each tablet contain 3.5 mg of 15 mg malocicam for oral administration. Molocicam is Chemically contains a commercial contains a con



Medicians is a possely either code practically insolute in easier, with right coloiling consecuted in recognition of the control contr

The inactive ingredients in Meloxicam tablets USP include colloidal silicon dioxide, crospovidone, factose monohydrate, magnesium stearate, microcrystalline cellulose, povidone and sodium citrate dihydrate.

12 CLINICAL PHARMACOLOGY 12.1 Mechanism of Action Meloxicam has analgesic, anti-inflan

Matecan has avalages, and inflammatory, and antipyritic properties. The mechanism of attention, the first the MicRoll's is not completely understood but individe inhibition of cytosing-prising (CDL's and CDL's). Compared to the compared of the compared

			Steady State			gle Dose
Pharmacokinetic Pa	rameters (%CV))†Elderly males (Fed)	Elderly females (Fed)	Renal failure (Fasted) I	lepatic 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)
t _{1/2}	[h]	20.1 (29)	21 (34)	24 (34)	18 (46)	16 (29)
CL/f	[mL/mir		9.9 (76)	5.1 (22)	19 (43)	11 (44)
V-/15	[L]	14.7 (32)	15 (42)	10 (30)	26 (44)	14 (29)

V₃/I²

* The parameter values in the table are from various studies + not under high fat conditions ± Meloxicam tables to y V₃/I² = Doss(JALC+XEI)

I have a manufacture of the control of the control

Moloxicam excretion is predominantly in the form of metabolites, and occurs to equal excitant in the unive and fixed. Only fractic of the unchanged parent compound are secretionally as the control of the control of the control of the control of the confirmed for unlabed multiple 3.7 gin openios co. 5%. 6%, and 35% of the doctor were found in university in the form of meloxicam, and the 5-hydroxymothyl and 5-citathor form of the control of the control of the control of the control of the drug. The was demonstrated when or all administration of checkpramies following a single VI does of melocation diversal of the AUC of meloscopies (see Section 1).

The mean elimination half-life (t1/2) 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.

Are regin 2.2 mg/kgl does administration and after achieving state; 0.375 mg/kgl/kgl, five see as operal throat of approximately 20th lever seeparce in control of approximately 20th lever 10th lever 1

Size Vorung females exhibited slightly lower placma concentrations relative to young make. After single doses of 7.5 mg Melocizam, the mean elemation half-life was 10.5 hours for data wave similar [17]. Planuts vs 21.4 hours, The planuma colonistic difference due data wave similar [17]. Planuts vs 21.4 hours, The planuma colonistic difference due gender is. Belly to be of little infinite planuma colonistic and no approximate difference in the Creat or Timas across genders. and no appreciation attended in the Chisa or Irisal activity generalized.

Hispatic Impairmant

Following a single 15 mg dose of misocicant three was no marked difference in plasma

concentrations in patients with mid (Chid-hugh Class) for moderate (Chid-hugh Class)

concentrations in patients with mid (Chid-hugh Class) for moderate (Chid-hugh Class)

was not affected by hepatic repairment. No dissage adjustment is necessary in patients

with mid to moderate hepatic repairment. Full dissage and patient insparrant

(Chid-hugh Class) iii) have not been adequately studied (see Warnings and Precautions

(3.3) and (also marked repairment (See).

Nanal Impairment
Meloxicam pharmacokinetics have been investigated in subjects with mild and moderate
renal impairment. Total drug plasma concentrations of meloxicam decreased and total

ted)

clearance of meta-xicam increased with the degree of renal impairment while free AUC values were similar in algroups. The higher meta-xicam clearance in subjects with renal impairment may be done to hereased fraction of unbound meta-time which is available in patient, with the patient of the patient of the patient of the patient in patient, with midd to moderate renal impairment. Plants with source renal impairment have not been adequately studied. The use of Mellocation subjects with review renal impairment is not recommended [see Design and Administration (2.5), Warrings and Prevailable (1.5) and their in Signific Regulation (8.7).

Hemodalysis a drojel dose of melanciam, the free Cinax plasma concentrations were higher following a drojel dose of melanciam, the free Cinax plasma concentrations were higher healthy elevatives (0.3% free fraction). Hemodalysis did not bewer the total drug concentration in plasms; therefore, additional doses are not increasary after concentration (2.1) and displashe (see Dosage and Administration (2.1) and Use Tray Section (2.1) and Use Drug Memory (2.1)

hemicalityse, American in oil dispring plus consign de nu numerous most per a position transcription (Inc.). In the contract of the field of the contract of field of the contract of the field of the contract of the field of the contract of the field of the contract of the

Libhians: 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 meloxiciam 15 mg QD every day as compared to subjects receiving lithium alone (see Drug Internations (7I)).

Methodrosada: A study in 13 rimormated articles (Mr.) patients evaluated the effects of malpha loss of methodrosada: A study in 13 rimormated articles of study and the study of the study

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

15.14 composed for provincing the provincing of the provincing of

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Meloxicam 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-times greater, respectively, than the MRHD based on BSA comparison).

14 CURICAL STUDIES
14. Otherwise the Benemated Arthrids
14. Otherwise the Benemated Arthrids
15. Otherwise the Benemated Bene

The use of Michicam for the management of signs and symptoms of esteenthrifts was evaluated in its challe-blad, actival controlled this custade the U.S. rapping from 4 miles and the controlled of the custade the U.S. rapping from 4 miles and the controlled of the custade the U.S. rapping from 4 miles and the controlled of the custade the U.S. rapping and 15 miles and controlled with the different part of the controlled with the co

The use of Meloxicam for the treatment of the signs and symptoms of pauciarticular opolyarticular course Jovenie Rheumatoid Arthrits in patients 2 years of age and older was evaluated in two 12-week, double-blind, parallel-arm, active-confrolled trials.

maximum) of meloxicam and 15 mg/kg/lály of najproxem. The efficacy analysis used the ARP destire: 30 responder definition, a composite of parent and investigator assessments, counts of active jeints and juries with limited ran of motion, and enythnocyte sodimentation rate. The proportion of responders were similar in all three groups in both studies, and no difference was observed between the meloxicam doise groups.

16 NOW SUPPLIED STORAGE AND HANDLING Product: 50090-0086 POSSET OF THE FIRST A BOTTLE NO.C. 50090-0086-1 THELET IN a BOTTLE NO.C. 50090-0086-2 TO MELET IN A BOTTLE NO.C. 50090-0086-2 TO MELET IN A BOTTLE NO.C. 50090-0086-1 TO MELET IN A BOTTLE NO.C. 50090-0086-1 TO MELET IN A BOTTLE NO.C. 50090-0086-1 TO THELET IN A BOTTLE NO.C. 50090-0086-0 TO MELET IN A BOTTLE NO.C. 50090-0086-0 TO THELET IN A BOTTLE NO.C. 50090-0086-0 TO THE NO.C. 50090-0086-0 T

17 PATIENT COUNSELING INFORMATION

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

Additional Medication Guides can be obtained by calling Unichem at 1:865-562-4616.

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 Threstolidis Feeds.

Advise partiest to be sint for the symptoms of cardiovascular thresholds events, including charge just inchessed of breads, vasiabless, or starring of spaces, and to conclude the control of the shadows provide remodeling just increased and Procedures (5.1). Experiments the wholest are provide remodeling just increased and procedures (5.1) in Control of the State S

Heart Fahre and Edema Advise patients to be alert for the symptoms of congestive heart fahre including shortness of brasil, unexplained weight gain, or edema and to contact their healthcare provider if such symptoms occur (see Warnings and Precautions (5.31). Anatomickins: Residence,

<u>Anaphylactic Reactions</u>
Inform patients of the signs of an anaphylactic reaction (e.g., difficulty breathing, swelling of the face or threat). Instruct patients to seek immediate emergency help \overline{x} these occur [see Contraindications (4) and Warnings and Pracautions (5.7)].

Serious Skin Reactions

Safrond Sam Relations.

Advise patients to stop Melockcam tablets immediately if they develop any type of rach and to contact their healthcare provider as soon as possible (see Warmings and Prescalations (5)).

Fermals Resides

Fermals Resides

Advise formals or reproductive potential who desire pregnancy that MSAIDs, including Melockcam tablets, may be associated with a reversible delay in ovulation (see Use in 500cM Propulations (5.3)).

Splict is: Proposation of Preliations of the Preliation of the Preliations (S. 10) and Use in Specific Populations (B. 1)].

Avoid Concomitant Use of NSAIDs

Audit Concomitant Use of INSAIDs.
Inform patients that the concomitant use of Meloxiciam stablets with other NSAIDs or salicytates (e.g., diffurities), salailately is not recommended due to the increased risk of quadrotrietechial noticity, and tittle on on increase in efficiency [see Warnings and Procaucities (5.2) and Drug Interactions (7.1). Alext packents that NSAIDs may be present in "over the countrie" medications for treatment of colds, lower, or incomited.

Inform patients not to use low-dose aspirin concomitantly with Maloxicam tablets until they talk to their healthcare provider [see Drug Interactions (7)]. For current prescribing information, call Unichem at 1-865-562-4616.

UNICHEM PHARMACEUTICALS (USA) INC.



East Brunswick, NJ 08816 09-R-11/2020 13012881

SPL MEDGUIDE

helpfulputs...

anythmid during a system of the state of

0	poor health advanced liver disease
o N	bleeding problems IAIDs should only be used:
0	exactly as prescribed at the lowest dose possible for your treatment
o t	or the shortest time needed
N	hat are NSAIDs? AIDs are used to treat pain and redness, swelling, and heat (inflammation) from
me	adical conditions such as different types of arthritis, menstrual cramps, and othe ses of short-term pain.
ŵ	ho should not take NSAIDs?
ŏ	o not take NSAIDs: If you have had an asthma attack, hives, or other allergic reaction with aspirin or
š	ner NSALDS. right before or after heart bypass surgery. Ifore taking NSAIDs, tell your healthcare provider about all of your me- nditions, including if you:
	nditions, including if you: have liver or kidney problems
	have high blood pressure have asthma
٠	are pregnant or plan to become pregnant. Talk to your healthcare provider if yo
an as	 considering taking NSAIDs during pregnancy. You should not take NSAID ter 29 weeks of pregnancy.
Ŀ	are breastfeeding or plan to breast feed.
pr NS off he	e consisting taking KSAIDs during prognancy. You should not take NSAID for 29 weeks of prepanery, are breakfeed; and prepared to the medicines you take, includi scription or over-the-counter medicines, vikamins or herbal supplem AIDs and some other medicines on the medicine and cause serious lett. Do not start taking any new medicine without taking to your althour personnel.
	hat are the possible side effects of NSAIDs? iAIDs can cause serious side effects, including:
	e "What is the most important information I should know about medic iled Nonsteroidal Anti-inflammatory Drugs (NSAIDs)?"
	heart failure four problems including four failure
	liver problems including liver failure kidney problems including kidney failure low red blood cells (anemia)
	We, threatening skin reactions
:	We-threatening alergic reactions Other side effects of NSAIDs include: stomach pain, constipation, diarrhea artburn, nausea, vomiting, and dizziness.
he	artburn, nausea, vomiting, and dizziness.
ŀ	t emergency help right away if you get any of the following symptom shortness of breath or trouble breathing
:	chest pain weakness in one part or side of your body sturned speech
Ŀ	slurred speech swelling of the face or throat
St	op taking your NSAID and call your healthcare provider right away if yo t any of the following symptoms:
	Nausea more tired or weaker than usual
٠	Bithing your skin or eyes look yellow
Ŀ	indigestion or stomach pain flu-like symptoms
	worn't blood there is blood in your bowel movement or it is black and sticky like tar
٠	unusual weight gain
	skin rash or blisters with fever swelling of the arms, legs, hands and feet
r f	you take too much of your NSAID, call your healthcare provider or get edical helo right away.
Th	edical help right away. see are not all the possible side effects of NSAIDs. For more information, ask yo althcare provider or pharmacist about NSAIDs.
ΕĐ	Il your doctor for medical advice about side effects. You may report side effects A at 1-800-FDA-1088.
č	her information about NSAIDs:
ca.	Aspirin is an NSAID but it does not increase the chance of a heart attack. Aspirin use bleeding in the brain, stomach, and intestines. Aspirin can also cause ulcers
	omach and intestines. Some NSAIDs are sold in lower doses without a prescription (over-the-counter).
	your healthcare provider before using over-the-counter NSAIDs for more than : ys.
ő	ys. meral information about the safe and effective use of NSAIDs dcines are sometimes prescribed for purposes other than those listed in a
Mc	dication Guide. Do not use NSAIDs for a condition for which it was not prescribe
	t give NSAIDs to other people, even if they have the same symptoms that you h may harm them.
	n ask your pharmacist or healthcare provider for information about NSAIDs that itten for health professionals.
à	ditional Medication Guides can be obtained by calling Unichem at 1-86 (2-4616.
Th	e other trademarks referenced are owned by third parties not affiliated with Unit
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Ut	IICHEM LABORATORIES LTD.
Pà	arne Ind. Estate, arne, Bardez, Goa 403511, India
Mi	nufactured for:
	WNICHEM PHARMACRUTICALS USEAL INC.
Fa	st Brunswick NI 08816
08	R-11/2020 012881

This Medication Guide has been approved by the U.S. Food and Drug Administration. Revised: November 2020 melloxic am



