# MELOXICAM- meloxicam tablet Denton Pharma, Inc. DBA Northwind Pharmaceuticals

HTS OF PRESCRIBING INFORMATION

(hilights do not include all the information needed to use MELOXICAMTABLETS safely and

). See full prescribing information for MILOXICAMTABLETS.

MELOXI CAM tablets, for oral use

Melasticam is a non-steroidal auxi-inflamentatory drug institutes ......

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Eiberumstold Archritis (EA) (1.2)

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DOSAGE FORMS AND STRENGTIES

 Melasican Tables: 7.5 mg, 15 mg (3)

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CONTRAINDICATIONS

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 History of adotts, netticals, or destrailers/eype reactions after taking aspita or other NSAIDs (4)

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• Bearing relation, extracts, in other depiction per section and relating injuries on the NADA (4).
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# FULL PRESCRIBING INFORMATION

WARNING RISK OF SERIOUS CARDIOVASCULAR AND GASTROINTESTINAL EVENTS

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Nesservediat on follomemory dopogo (NAMIs) came an increased risk of scrisus
cardinavacidar thrombele (revers, including myscanfal infarction and stroke, which can
be fast. This shim up caree and in terranent and may increase with duration at track.

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# 1 INDICATIONS AND USAGE

L1 Osteoarthritis (OA)

Meloxicam is indicated for relief of the signs and symptoms of osteoarthritis [ see Clinical Studies (14.1)].

1.2 Rheumatoid Arthritis (RA)
Meloxicam is indicated for relief of the signs and symptoms of rheumatoid arthritis [ see Clinical Studies (14.1)].

(18-1):

J uvenile Rheumatrid Arthriki (JRA) Punciarticular and Polyarticular Course

Metoxicamis indicated for reliaf of the signs and symptoms of panciarticular or polyarticular course
laveatis Rheumanish Arthritis in patients who weights 260 kg [ see Dosoge and Administration (2.4) and
Cincinst Statistic (Facility Statistics (18-1)).

2 IOSALA AND ANNOESTER LINE.

2 Cherral Drosing in Structures

Carefully consider the potential bearins and tisks of melosic can and other treatment options be from excluding in our melbrane. We be blowered reflective the stage for the shortest duration conscious with a fine control of the control of the

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

In patients on hemodialysis, the maximum docage of meloxicam is 7.5 mg per day [ see Clinical Plantancellogy (12.2) ].

Pharmacology (2.23). Exhaust a characteristic and the analysis of Mehricans. Meloxicans Meloxicans and the properties of the analysis of the a

3 DOSAGE FORMS AND STRENGTHS
Meloxicam tables, USP:

• 7.5 mg; yellow coloured, round, biconvex, tables, debossed with "150" on one side and "C" on the other.

15 mg: yellow coloured, round, flat bevelled tablets, debossed with "CIPLA" on one side and "159" on the other.

4 CONTRAINDICATIONS

Meloxicamis contraindicated in the following patients:

• Known hypersensitivity (e.g., anaphylactic reactions and serious skin reactions) to meloxicam or any components of the drug product [see Warnings and Precoutions (5.7, 5.9)]

• History of asthma, unticaria, or other allergic-type exactions after taking aspirin or other NSAIDs.

Severe, sometimes fand, analyticatic reactions to NSAIDs have been reported in such patients [ see Warnings and Precontines (5.7, 5.8) ]

• In the setting of curonary artery bypass graft (CABG) surgery [ see Warnings and Precontines (5.1) ]

## 5 WARNINGS AND PRECAUTIONS 5.1 Cardiovas cular Thrombotic Events

Cardiovacced Thrombotic Events

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# s Post Coronary Artery Bypass Graft (CABG) Surgery

Two large, conrolled clinical trials of a COX-2 selective NSAID for the treatment of pain in the first 10-14 days following CABG surgeey found an increased incidence of myocardial infarction and stroke. NSAIDs are contraindicated in the setting of CABG [see Contraindications (4)].

NSAIDs are commissioned in the setting of CARG (poer Cumminfactions (4)).

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Rhomat Hieraria

Avoid the use of moloxicam inpatients 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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Z. Carcinvational diffident, Decreasion, and Perforation

NAIDs, including reduction; or, cance serious generolization (Cf) adverse evens including inflammation, belonging secretion, and perforation of the equipages, consuch, small insistin, or large distinguishment of the complex of the equipages, insured, small insistin, or large variety symptoms, in patient research with NAIDs. Ody one in three patients who develops a serious specific distorest event on NAIDs disreptive patients. (Dopted Galence; some your belonging, or disress and the complex of the complex

Table. The control of CH Heredong, Ubscardon, and Parlicarding.

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  Use the bowset effective dissage for the shortest possible dissage.

  A world administration of more blance NSAID at the general on careigith the increased risk of blooding. For such patients, as well as these with native GT-Reeding, consider allowant mengines and the shortest and NSAID.

  More of the NSAID reegy.

  If a seriest of Laborate work is supported, promply indice a vehalation and treatment, and discontinue melanciatements in serion Galvaters were the support of GT-Deeding consideration with a restrict of the source of the series of th

5.3 Hepatotaxicity

Elevation of ALT or AST (three or more times the upper limit of normal [ULN]) have been reported in approximately 1% on NSAID-reason patients in clinical wisks. In addition, raw, constrains faul, cases of severe hepatic injury, including fulminant hepatics, 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.

NSAIDs including melosticam florten partiern of the warring signs and symptoms of lopotoxicity (e.g., names, fatigue, behaving, charbon parties, binatice, right upper quadrate trustreness, and "the-like" symptoms. If clinical signs and symptom consistent valid liver disease develops, or it systems mail-strations course (e.g., eosimphilis, resh, etc.), discontinue melosicam immediately, and performs calificat evaluation of the partier (see Use 8 specific Physioloxies (e.g. one Clinical Phermatology (2.2.9)).

prient for Ure in Specific Populations (6.0) and Clinical Pharmacology (2.23);
5.4 Hyper remains
NSADs, including melociation, on tend to new ones or waveswing of previously physrometric either NSADs, including melociation, and the remains of the control of the

## 5.5 Heart Failure and Edema

3.3. Heart Faiture and Lebrus.

The Coxil and nethinolan MSAID Trialism' Collaboration meta-realysis of randomized corrolled trials femons med an approximately neo-fold increase in hospitalizations for heart failure in COX2—steel rederivement operators and nonederiver NSAID-neurad patients compared to placebor-bearand patients. It is David National Registry study of patients with heart failure, NSAID use increased the risk of MI, hospitalization for boart failure, and collection of the patients with heart failure, NSAID use increased the risk of MI, hospitalization for boart failure, and collection of the control of the control

Additionally, fluid recention and edema have been observed in some patients treated with NSAIDs. Use of meloxican may blust the CV effects of several therapeutic agents used to treat these medical conditions (e.g., disredics, ACE inhibitors, or angiotensin receptor blockers [ARBs]) [see Drug Interactions (7).

[Interactions (7)].
Avoid the use of meleoxicam in patients with severe heart failure unless the benefits are expected to panels the risk of worsening boart failure. It meleoxicam is used in patients with severe heart failure, monitor patients for igns of worsening heart failure.

5.6 Renal Tackidy and Hyperkalemia
Renal Tackidy.

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Meloxicammy cause premarer closure of the feal ductus arteriosus. Avoid use of NSAIDs, including meloxicam, in pregnant women starting at 30 weeks of gestation (third trimester) [ see Use in Specific Population (8.1) ].

# 5.11 Hematologic Toxicity

5.11 Hermatologic Texicity

Amenia has current of NASIAD-reased patterns. This may be than to occult or gross blood loss, fluid amenia has current of the NASIAD-reased patterns. This may be the or symptoms of around, according between patterns of the NASIAD, including such societies homeoglosine or humanical, and the NASIAD, including such societies may increase the risk of beforeign events. One model conditions such as expirate, reconstitute experience (NASIA) and remotion exception for the NASIAD patterns of the NASIAD p

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

the unity of anagonotic signs in obsecting infections.

S.II Laboratory Monitoring

Because serious Gibbreding, hepatonosicity, and renal injury can occur without warring symptoms or signs, consider monitoring patients on long-term NSAID returnent with a CBC and a chemistry profile-printically lay set Wirmings and Procusions (5.2. 3.3.6.5).

# 6 ADVERSE REACTIONS

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# Osteoarthritis and Rheumatoid Arthritis

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

Osteoarthritis Placebo- and Active-Controlled Trial						
Placebo Meloxicam Meloxicam Diclofenac 7.5 mg daily 15 mg daily 100 mg da						
No. of Patients	157	154	156	153		
Gas trointes tinal	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		
Tatulence	4.5	3.2	3.2	3.9		
Vansea	3.2	3.9	3.8	7.2		
Body as a Whole						
Accident household	1.9	4.5	3.2	2.6		
Edema <sup>1</sup>	2.5	1.9	4.5	3.3		
Fall	0.6	2.6	0.0	1.3		
nfluenza-like symptoms	5.1	4.5	5.8	2.6		
Central and Peripheral						
Servous System						
Dizziness	3.2	2.6	3.8	2.0		
leadache	10.2	7.8	8.3	5.9		
Respiratory						
Pharyogitis	1.3	0.6	3.2	1.3		
Jpper respiratory tract info	ection1.9	3.2	1.9	3.3		
škin						
lash <sup>2</sup>	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 trointestinal Disorders	14.1	18.9	16.8		
Abdominal pain NOS <sup>2</sup>	0.6	2.9	2.3		
Dyspeptic signs and symptoms 1	3.8	5.8	4.0		
Nausea <sup>2</sup>	2.6	3.3	3.8		
General Disorders and Administration Site Conditions Influenza-like illness <sup>2</sup>	2.1	2.9	2.3		
Infection and Infestations					
Upper respiratory tract infections- pathogen class unspecified <sup>1</sup>	4.1	7.0	6.5		
Musculoskeletal and Connective Tissue Disorders					
foint related signs and symptoms 1	1.9	1.5	2.3		
Nervous System Disorders					
Headaches NOS <sup>2</sup>	6.4	6.4	5.5		
Skin and Subcutaneous Tissue Disorders					
Rash NOS <sup>2</sup>	1.7	1.0	2.1		
MedDRA high level term (preferred terms): dyspeptic signs and eractation, gastrointestinal irritation), upper respiratory tract inf pharyughis NOS, sinuskis NOS), joint related signs and sympto	ections-patho	gen unspecified (lar	yngkis NOS,		

The adverse events that occurred with meloxicam in  $\approx 2\%$  of patients treated short-aerm (4 to 6 weeks) and long-term (6 months) in active-controlled osseo arthritis trials are presented in Table 2.

Table 2: Adverse Events (%) Occurring in ≥ 2% of Meloxicam Patients in 4 to 6 Weeks and 6 Month

	4 to 6 Weeks Controlled Trials 6 Month Controlled Tria			
	Meloxicam	Meloxicam	Meloxicam	
	7.5 mg daily	15 mg daily	7.5 mg daily	15 mg daily
No. of Patients	8955	256	169	306
Gas trointes tinal	11.8	18.0	26.6	24.2
Abdominal pain	2.7	2.3	4.7	2.9
Constipation	0.8	1.2	1.8	2.6
Diarrhea	1.9	2.7	5.9	2.6
Dyspepsia	3.8	7.4	8.9	9.5
Flatulence	0.5	0.4	3.0	2.6
Nausea	2.4	4.7		7.2
Vomiting	0.6	0.8	1.8	2.6
Body as a Whole				
Accident household	0.0	0.0		2.9
Edema <sup>1</sup>	0.6	2.0	2.4	1.6
Pain	0.9	2.0	3.6	5.2
Central and Peripheral Nervous Sy	stem	•	•	•
Dizziness	1.1	1.6		2.6
Headache	2.4	2.7	3.6	2.6
Hematologic				
Anemia	0.1	0.0	4.1	2.9
Mus culos keletal	•	•	•	•
Arthralgia	0.5	0.0	5.3	1.3
Back pain	0.5	0.4	3.0	0.7
Psychiatric	•	•	•	•
Insomnia	0.4	0.0	3.6	1.6
Respiratory	•	•	•	•
Coughing	0.2	0.8	2.4	1.0
Upper respiratory tract infection	0.2	0.0	8.3	7.5
Skin				
Pruritus	0.4	1.2	2.4	0.0
Rash <sup>2</sup>	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

neitons. If events, therefore, the delity dose of multistacems band and not exceed 15 mg. Performics 
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Body as a Whole	allergic reaction, face edema, fatigue, fever, hot flushes, malaise, syncope, weight decrease, weight increase
Cardiovas cular	angina prectoris, cardiac failure, hypermusion, hypomusion, myocardial infarction, vasculitis
Central and Peripheral Nervous Sys	tem convulsions, paresthesia, trempr, vertigo
Gastrointestinal	colitis, dry mouth, duodenal ulcer, reuctation, esophagitis, gastric ulcer, gastrids, gastrocaed 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, auxiety, appetite increased, confusion, depression, nervousness, somnolence
Respiratory	asthma, bronchospasm, dyspnea
Skin and Appendages	alopecia, angioedema, bullous eruption, photosensitivity reaction, pruritus, sweating increased, urticaria
Special Senses	abnormal vision, conjunctivitis, uses perversion, timitus
Urinary System	albuminuria, BUN increased, creatinine increased, hematuria, renal failure

7 DRUG INTERACTIONS
See Table 3 for clinically significant drug interactions with meloxicam. See also Warnings and Precamons (5.2, 5.6, 5.11) and Clinical Pharmacology (12.3).

# Table 3 Clinically Significant Drug Interactions with Meloxicam

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Section large as by allow sings are an important on in submounts. Car. control and or charge interface as of days to improve the control process and an NSAID age norman for this Chedity ages than a respect to the information. Car. Control and a respect to the
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Livide  The contraction and post of secretary contraction and the convention and or MAND and analysis done of a patient does not produce any greater theraposis cells for the the use of NSAD alone has clinical study, the convention use of an NSAD and application and two does applied and analysis done of a patient to an extensive of the SADD alone in a clinical study, the convention use of an NSAD and application as a compared to use of the NSAD alone in a clinical study, the convention (6.7)).  Medication in an absorbine for the was applied to conference applied for co
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Securitates use of anotherican and but done applies on analyzing done of against in sequentity recommended became of the increased role of bleeding (see Warrings and Precedents (5.11)).  Medicine and a substitute for two supplies or analyzing contract programs are greatly into a conference and programs are greatly into a conference and programs.  (CE blobbers, Aughierous Becquire Marketon, or Block Beckers  (CE blobbers, Aughierous Becquire Marketon, or Block Beckers)  (CE blobbers, Aughierous Becquire Marketon, or Block Becquire Marketon, or Block Beckers)  (CE blobbers, Aughierous Becquire Marketon, or Block Beckers)  (CE blobbers, Aughierous Becquire Marketon, or Block Beckers)  (CE block Beckers, Aughierous Beckers, Aughiero
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In patients who are elderly, volume-depleted (including those on discretic therapy), or have renal impairment, coadministration of an NSAID with ACE inhibitors or ARBs may result in deterioration of renal function, including possible acute renal failure. These effects are usually reversible.
temporation: During concominant use of meloxicam and ACE inhibitors, ARBs, or beta-blockers, monitor blood pressure to ensure that the desired blood pressure is obtained.
During concomitant use of meloxiscam and ACE inhibiturs or ARBs in patients who are elderby, volume-depleted, or have impaired renal function, monitor for signs of vorsening renal function [see Warnings and Precurious (5.6)].
Wheathese drugs are administered concominantly, patients should be adequately hydrated. Assess renal function at the brigining of the concominant reasurest and periodically thereafter.
Direction
Discional Imports Cilinical studies, as well as post-
marketing observations, showed that NSAIDs reduced the natriuvetic effect of loop disvetics (e.g., furosomide) and thistaide disvetics in some patients. This effect has been attributed on the NSAID inhibition of renal prostaglandin synthesis. However, studies with furosemide agents and multiple doses of meloxic and patients.
terreventors: During concomitant use of moloxicam with diservice, observe patients for signs of worsering renal function, in addition to assuring diservic efficacy including anothypertensive effects [see Winnings and Prevoutions (5.6)].
Thirstal Impact; NSAIDs have produced elevations in plasma lithium-levels and reductions in renal lithium-levels and reductions in renal lithium-clearance. The mean minimum lithium-clearance decreased by approximately 20%. This effect has been arributed to NSAID inhibition of renal proxinglandin synthesis [see Clinical Pharmacology (12.3)].
intervention: During concomitant use of meloxicam and lithium, monitor patients for signs of lithium monitor,
Methor exact
Elected Impacts Concomitant use of NSAIDs and methors exate may increase the risk for methors exate toxicity (e.g., neutropenia, trond ocyspopenia, renal dysfunction).
intervention: During concomitant use of meloxicam and methorerexam, monitore patients for methorerexam patients.
Systas parisin
Timical Import Concomitant use of molosicam and cyclosporine may increase cyclosporine's applicatoricity.
terevention: During conconstruct use of moloxicam and cyclosoporion, monitor patients for signs of worsening renal function.
SSAIDs and Salleylates
Elected Import Concomitant use of molecules and with other NSAIDs or salicylaws (e.g., diffunisal, saladates) increases the risk of GI toxicity, with little or no increase in efficacy [see Warnings and Procountons (5.2)].
trerventor: The concomitant use of meloxicam with other NSAIDs or salicytass is not recommended.
**meterstd
Timical Impact Concomitant use of moleculcam and permoterand may increase the risk of permoterand-associated myeleculprocession, renal, and GI tractivity (see the permoterand persociation).
Intervention: During concomitant use of meloxicam and pornetwaved, in patients with renal impairment whose creatinine clearance ranges from 45 to 79 ml./min, monitor for myelosuppression, renal and GI toxicity.
Patterns taking molesicams should innerrupt dooring for at least five days before, the day of, and two days following permetresed administration.
In partients with creatinine clearance below 45 mL tonin, the concominant administration of meloxicam with permenented.

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There are no human data available on whether meloxicam is present in human milk, or on the effects on breastfed infants, or on milk production. The developmental and health benefits of breastfeeding should be considered along with the mother's clinical use of our motoricam and any posterial adverse effects on the breastfed infant from the meloxicam or from the underlying maternal condition.

<u>Data</u>

Animal data

Meloxicam was present in the milk of lactuding rans at concentrations higher than those in plasma.

## 8.3 Females and Males of Reproductive Potential

Femiles

Based on the vest color and a series of procupation and need NSAIDs, is being specifically

Based on the vest color and the series of procupation and need NSAIDs, is being specifically

Based on the vest color and the series of the

# 8.4 Pediatric Use

w.~ FUMER: USE
The safety and effectiveness of melosicam in pudiatric 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)].

Clinical Matthic (14-2).

SE Cordanir Use

Elderly patients, compared to younger patients, are at greater tisk for NSAID-associated serious conditionated and patients, and or rend adverse reactions. If the articipant desertific for the elderly patient oneweight these potential risks, start dosing at the low end of the dosing range, and monitore patients for adverse effects [see Northing and Percentains (1,6,2,5,3,5,6,5,13)].

# 8.6 Hepatic Impairment

n. ritgate impairment
No does adjuncted in recessary in patients with mild to moderate hepatic impairment. Patients with server hepatic impairment have not been adequantly underd. Since moleculars is significantly manufactured hepatic impairment have not been adequantly underd. Since moleculars is significantly manufactured in the significant patients of the Witembegs and Procusions (2.5) and Clinical Pharmacology (2.2);
3.7 Recal Impairment

# 10 OVERDOSAGE

HOVERDOACE

Sympose following each NSAID everdesages have been typically listed to before, descriptions, some, sounding, and pignative jains, which have been generally revealable with supported care. As the property of the

DESCRIPTION

Motoricans is a moneroidal anti-inflammenty drug (NSAID). Each tablest contain 7.5 mg or 15 mg motorican (130° Ho or all administration. Motoricans is chemically dissignated at 4-hydroxy-2-strelgt-inflamments and the contain 7.5 mg or 15 mg motorican (130° Ho or all administration). As the contained of the containe

Meloxicam is a pale yellow solid, practically insoluble in water, with higher solubility observed it strong acids and bases. It is very slightly soluble in methanol. Meloxicam has an apparent partition coefficient (log P)  $_{app} = 0.1$  in n-octamb/buffer pH 7.4. Meloxicam has pKa values of 1.1 and 4.2.

Meloxicamis available as a tablet for oral administration containing 7.5 mg or 15 mg meloxicam, USP.
The inactive ingredients in meloxicam tablets, USP include starch, microcrystalline cellulose, lactose arhydrous, colloidal silicon dioxide, sodium citrate dihydrate, magnesium stearate.

# 12 CLINICAL PHARMACOLOGY

IZ CLINICAL FRIAMMACOLOGY

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Motor Cambas analysis, and infanishments; and antisyretic properties.

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# 12.3 Pharmacokinetics

D. Pharmacokorics.

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Table 4 Single Dose and Steady-State Pharmacokinetic Parameters for Oral 7.5 mg and 15 mg Meloxicam (Mean and % CV) <sup>1</sup>

	Steady State			Single Dose	Single Dose		
Pharmacokinetic Parar (%CV)	neters Healthy male adults (	Fed) <sup>2</sup> Elderly males (Fe	d) <sup>2</sup> Elderly females (Fe	d) <sup>2</sup> Renal failure (Fas	ted) Hepatic insufficiency (Fasted)		
	7.5 mg <sup>3</sup> 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)		
max [h]	4.9 (8)	5 (12)	6 (27)	4 (65)	10 (87)		
12 [h]	20.1 (29)	21 (34)	24 (34)	18 (46)	16 (29)		
CL/f [mL/min]	8.8 (29)	9.9 (76)	5.1 (22)	19 (43)	11 (44)		
V ,/f 4 [L]	14.7 (32)	15 (42)	10 (30)	26 (44)	14 (29)		

 $|V_{g}|f^{-4}$  [L] 14.7 (32) The parameter values in the table are from various studies 2 not under high fat conditions  $^{3}$ Meloxic are tablets  $^{4}V_{g}|f = Dosef (AUC+K_{g})$ 

Find and Amoud 6 ffers:

Find a fin

The annual country of distribution (Vix) of substication is approximately 10 L. Molecticans is -99.4 W. Doned to have placed growing (Figure 1). The man values of distribution (Vix) of substication is -99.4 W. Doned to have provide (figure 1). The Contribution of the State of the Quite country or the Child Coly of the contribution of the Contri

Exercises were part for the form metallicities are not insecurate how any in view pharmacological activity. Exercises the exercises in productionally in the form of metabolities, and occurs to equal extens in the Medical Research of the Control o

on panets, respectively.

In a covariate analysis, utilizing population pharmacolisorics body-weight, but not age, was the single-flar and the covariate analysis, utilizing population pharmacolisorics between the covariate and the covariate covariate and the covariate covaria

timestigated.

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A sufficiently female patients in comparisons to fidely make patients.

goalers.

Riputic Inquiriment

Following a single 15 mg dose of melonicam there was no marked difference in planean concentrations

printers with mild (Glidd-Hogh Class 1) or moderate (Clabl-Pogls Class 1) heyeric impairment

market so with mild (Glidd-Hogh Class 1) or moderate (Clabl-Pogls Class 1) heyeric impairment

No dosage adjustment is necessary in plantens with mild to moderate heyeric impairment, Printens with

reverse beging impairment (Clabl-Pogls Class 1) have not been adequately studied [and Witnings and

Printension (3.5) and Use in Specific Populations (4.6)].

Douchterschein Stades, Applies Webn Schalbs were administered with applies the protein hidding of NSAIDs were reduced, although the cleaners of few NSAIDs was not almost. When the indicates a destriction by sufficient of indicates the cleaners of few NSAIDs was not almost the cleaners of the cleane

Digunits. Molvolcam 15 mg ence daily for 7 days did not alter the planons concentration profits of digunits after Joseph for 10 days did not alter the planons concentration profits of digunits after Joseph for 17 days or clitical distance, in vito to setting found no protein being for gains cannot be reserved profits and track accusate the profits of the profits o

Melleromen A. holy in Demonstrate States (A) per server some the other control and states of t

II NONCLINICAL TOXICOLOGY

LEI Carticogenesis, Managements, Impairment of Fertility

Cartinogenesis

There was no increase insumer incidence in long-term cartinogenicity studies in rate (104 words) and

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[MRHD] of 15 mg/mg menu to a more than the following menus and and who microancleus test in muse bone merow.

# 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 commarison).

# 14 CLINICAL STUDIES

M-1 Occusarchein and Rheumaniel Archeids
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IS HOW SUPPLIEDSTORAGE AND HANDLING.
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Malestocamadides, TSP 7.5 age are validated as followers:
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Sourage
Sourage 10 207 (CSP 10 777) [Sec 1937 Controlled Room Temperature]. Keep analoxicam stablem in
Deby place. As in Section 207 (CSP 10 777) [Sec 1937 Controlled Room Temperature]. Keep analoxicam stablem in
Deby Box and oil medication out of the reach of children.

prescription unsprised.

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

an NSAID and periodically during the course of rapping through.

Challengescaler Therefore the search of the course of rapping through the course of the cou Amounts skip:

Information:

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Host Fallure and Edems
Advise patients to be alert for the symptoms of congestive heart fallure including shortness of broath, unsweptianel weight gain, or edems and to connect their healthcare provider if such symptoms occur [see Wiernings and Procustions (5.5)].

Amphighatic Discolation (2.5); analysis are received to the signs of an analysis and received to the signs of an analysis are reaction (e.g., difficulty breating, swelling of the face or fronch; hence; hence to seek immediate emergency help if these occur [see Controllections (4) and Visitings and Procusions (57)].

# Advise patients to stop meloxicam immediately if they develop any type of rash and to contact their healthcare provider as soon as possible [ see Wornings and Precontions (5.9)].

<u>Female Fernility.</u>

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

First Tanishi.

Their preparative own in avoid use of moleculum and other NSAIDs sarring at 20 works postulate because of the risks fits premature closing of the fitsel distinct assertions. In we breming out the fitsel distinct assertions are returned to the second of the second of

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

headthcare provider [see Orug Inservations (?)]

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Gild, Lid,

Gild,

Gild, Lid,

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Gild, inflammancy Drogs (DSAIDs)?

\*\*MARDLe can come services intellects, including:

\*\*Increased risk of a heart arackets are tracket that can lead to death. This risk may happen early in reasons and may increase:

\*\*a with increasing closes of PSAIDs.\*

\*\*with large was of NSAIDs.\*

\*\*Does with NAIDs right before or after a heart surgery called a "ceremany artery bypacs graft (CABGS).\*

# (CABG). "Avoid taking NASIDs after a recent heart attack, unless your healthcare provider risk you to. You muy have an increased risk of another heart attack if you take NASIDs, after a recent heart after the provider of the provider of the season heart ferror the meanth to the stemach), stemach and interediency. • unless the provider of the season of the season

# The risk of getting an ulcer or bleeding increases with

o past binney of someth silers, or smooth or introduct blooding with use of NSAIDs o other age

o taking medicines color-functionariseld, "undecagations," SSEB," or "SNEB." o poor health

o increasing does of NSAIDs

o house and (NSAIDs)

o threeding of the silers of

# NSAIDs should only be used: • exactly as prescribed • at the lowest dose possible for your treatment • for the shortest time needed

# • for the downstrian wooded Warian NSAIDD: NSAID, we used to warpins and refuses, swelling, and boat infullimentation from medical conditions unto a different speec a direction, samental cramps, and other types of about-serro pain. Whis should not rake NSAID: Due strake NSAID: If you have bed an auditum and such, how, or other dilengic reaction with aspirition any other NSAID - in global bring and dark heart-types couptery.

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  Hefer taking NSAID with a ballocare provider about all of your medical conditions, including if your

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  I have pregurate of pain betocan proguest. Talk to your healthcare provider if you are considering taking NSAIDs drive groups. Year health not take NSAIDs after 28 weeks of pregnancy.

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are breactereding or plans breact feed.
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 NAUDIc can cannot serious of the effects of MONION.

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