

Meloxicam

- Drug Information

Brand Names:

Ostilox™, Metacam®, Loxicom®, OroCAM™ Transmucosal spray, MeloxiMed™, Eloxiject™, Mobic®, Meloxidyl®, EloxiOral™

Pharmacology:

Non steroidal anti-inflammatory - COX 1 sparing COX 2 inhibitor - analgesic, anti-inflammatory and antipyretic properties.

Indications:

For the control of pain and inflammation associated with osteoarthritis in dogs.
Injectable product is approved for cats as a single one time injection for the control of pain and inflammation associated with surgery - orthopedic, ovariohysterectomy and castration.

THE USE OF THE ORAL MEDICATION IS NOT FDA APPROVED IN CATS IN THE UNITED STATES BUT IS IN CANADA.

Indications: From Canadian labeled product - Metacam® Oral Suspension for Cats (meloxicam) is indicated for the alleviation of inflammation and pain (1) following surgery such as onychectomy, ovariohysterectomy or castration, or (2) associated with acute, mild to moderate musculoskeletal disorders in cats.

THE USE OF EITHER FORM OF THIS MEDICATION IN ANIMALS OTHER THAN DOGS AND CATS AS DESCRIBED ABOVE IS CONSIDERED EXTRA LABEL AS THERE ARE NO APPROVED VETERINARY PRODUCTS AVAILABLE FOR OTHER SPECIES.
INFORMED CONSENT AND DISCUSSION OF POSSIBLE SIDE EFFECTS AND EXTRA LABEL USE IS IMPERATIVE.

OroCAM™ Transmucosal Oral Spray is indicated for the control of pain and inflammation associated with osteoarthritis in dogs.

Contraindications:

- General

Contraindicated in patients with known sensitivity to this type of drug.
Use only when benefit outweighs the risk during pregnancy as safety has not been established.
Contraindicated in animals with bleeding disorders, GI ulcers, patients with liver disease or pre existing renal or cardiovascular impairment.
Caution in dehydrated, hypovolemic or hypotensive patients as they may be at an increased risk for renal toxicity.
Safe use in animals less than 6 months of age, those used for breeding, or in pregnant or lactating animals has not been evaluated.

Safety has not been established for intramuscular (IM) administration.

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OroCAM™ Transmucosal Oral Spray is indicated for the control of pain and inflammation associated with osteoarthritis in dogs only.

OroCAM™ Transmucosal spray: Due to the pump sizes, dogs weighing less than 5.5 pounds (2.5 kg) cannot be accurately dosed.

- Small Animal

- Cat

THE USE OF THIS ORAL MEDICATION IS NOT FDA APPROVED IN CATS IN THE UNITED STATES BUT IS IN CANADA.

From Canadian label - The use of Metacam® Oral Suspension for Cats less than 6 months of age or in debilitated aged animals may involve additional risk.

If use in such animals cannot be avoided, a reduced dosage and careful clinical management may be required.

Repeated use of meloxicam in cats has been associated with acute renal failure and death. Do not administer additional injectable or oral meloxicam to cats.

Do not administer meloxicam transmucosal oral spray to cats.

Interactions:

- General Interactions

No identified General Interactions at time of publishing.

- Category Interactions

- ACE inhibitor

May antagonize the antihypertensive effects of ACE inhibitors.

- Corticosteroid

Contraindicated with concurrent use of corticosteroids because it may increase the risk of side effects.

- Diuretic

Side effect risk increases with dehydration and with the use of diuretics.

- Nephrotoxic drug

Contraindicated with concurrent use of Metacam.

- NSAID-Non Steroidal Antiinflammatory Drug

Contraindicated with concurrent use of other NSAIDs because it may increase the risk of side effects.

- Protein bound drug

May displace other highly protein bound drugs resulting in increased serum levels and duration of action.

- Ulcerogenic drug

Contraindicated with concurrent use of other ulcerogenic drugs because it may increase the risk of side effects.

- Drug Interactions

- Digoxin

Use in caution in patients in cardiac failure-may increase levels of digoxin

- Furosemide

Use in caution in patients in cardiac failure-may reduce diuretic effects of furosemide.

- Methotrexate

Use extreme caution when using methotrexate concurrently as serious toxicity has occurred when used with NSAIDs.

Adverse Effects:

- General

Gastrointestinal: vomiting, loss of appetite, diarrhea, melena, gastrointestinal ulceration

Urinary: PU/PD, azotemia, kidney failure

Neurological/Behavioral: lethargy, depression

Hepatic: elevated liver enzymes

Dermatologic: pruritus

The following reactions are also possible - hyperactivity, restlessness, aggression, hair loss, skin reactions, hives, redness of skin, low albumen, seizures and balance disorders.

Serious blood changes such as immune mediated hemolytic anemia and low platelet count are also possible.

If any reaction becomes severe it may result in the death of the animal.

Injectable form may cause pain on injection and possible injection site reactions.

- Small Animal

- Cat

Repeated use of meloxicam in cats has been associated with acute renal failure and death. Do not administer additional injectable or oral meloxicam to cats.

Dosages:

- General

Advise the lowest effective dose as infrequently as is necessary if long term use is needed.

ORAL DOSE FORM - SHAKE WELL BEFORE USE.

Do not exceed the stated dose.

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OroCAM™ Transmucosal Oral Spray is indicated for the control of pain and inflammation associated with osteoarthritis in dogs.

- Small Animal

- Dog

For the control of pain and inflammation associated with osteoarthritis in dogs.

INJECTABLE DOSE FORM - Safety has not been established for intramuscular (IM) administration.

Injection should be given initially as a single dose at 0.2 mg/kg IV or SQ, followed, after 24 hours, by Metacam Oral Suspension at the daily dose of 0.1 mg/kg), either mixed with food or placed directly in the mouth.

ORAL DOSE FORM

Initial dose on first day of treatment 0.2 mg/kg by mouth once daily.

Then 0.1 mg/kg by mouth once daily as needed.

Dogs less than 5 pound - Apply directly from dropper bottle onto food to avoid accidental overdose - 1 drop per pound (2 drops per kg) onto food.

5 - 10 pound dogs - Using the dropper bottle - 1 drop per pound (2 drops per kg) onto food OR using dosing syringe provided in the package of Metacam - Dog's weight should be rounded down - Draw up dose according to weight increments on syringe and give onto food or apply into mouth.

Over 10 pound - Using the dropper bottle - 1 drop per pound (2 drops per kg) onto food OR using dosing syringe provided in the package of Metacam - Dog's weight should be rounded down - Draw up dose according to weight increments on syringe and give onto food or apply into mouth.

OroCAM™ Transmucosal spray: Due to the pump sizes, dogs weighing less than 5.5 pounds (2.5 kg) cannot be accurately dosed. OroCAM should be administered once daily at a dose of 0.1 mg/kg

Bottle Size 6 mL / 0.25 mg per spray:

2.5-3.7 kg (5.5-8.3 pound) dog: 1 spray = 0.25 mg dose

3.8-6.2 kg (8.4-13.8 pound) dog: 2 sprays=0.5 mg dose

6.3-8.3 kg (13.9-18.4 pound) dog: 3 sprays=0.75 mg dose

Bottle size 11 mL / 0.5 mg per spray

8.4-12.5 kg (18.5-27.6 pound) dog: 2 sprays=1 mg dose

12.6-18.8 kg (27.7-41.5 pound) dog: 3 sprays=1.5 mg dose

Bottle size 33 mL / 1.075 mg per spray

18.9-27.1 kg (41.6-59.7 pound) dog: 2 sprays=2.15 mg dose

27.2-40.5 kg (59.8-89.1 pound) dog: 3 sprays=3.23 mg dose

40.6-54 kg (89.2-118.8 pound) dog: 4 sprays = 4.3 mg dose

54.1-57.2 kg (118.9-125.8 pound) dog: 5 sprays=5.38 mg dose

- Cat

APPROVED AS A SINGLE ONE TIME ONLY POST OP INJECTION - 0.3 mg/kg SQ

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INFORMED CONSENT AND DISCUSSION OF POSSIBLE SIDE EFFECTS AND EXTRA LABEL

USE IS IMPERATIVE.

The following is taken from the Canadian drug label for Metacam for cats:

Peri-operative use: After initial treatment with Metacam® 0.5% Injection for Dogs and Cats, continue treatment 24 hours later with Metacam® Oral Suspension for Cats 0.5 mg/mL at a dosage of 0.05 mg meloxicam/kg body weight.

The oral follow-up dose may be administered once daily (at 24 hour intervals) for up to two days.

Acute musculoskeletal disorders: On the first day of treatment, a single oral dose of 0.1 mg meloxicam/kg body weight should be administered using Metacam® Oral Suspension for Cats.

Treatment is to be continued once daily by oral administration (at 24 hour intervals) at a maintenance dose of 0.05 mg meloxicam/kg body weight for up to four days.

Use the lowest effective dose for the shortest duration of treatment consistent with the individual clinical response.

Particular care should be given with regard to the accuracy of dosing.

To be administered orally either mixed with food or directly into the mouth.

The suspension can be given using the drop dispenser of the bottle for cats of any body weight (0.017 mg/drop).

Alternatively and for cats with a body weight of at least 2 kg, the Metacam® Oral Suspension for Cats measuring syringe (provided in the package) can be used.

Dosing procedure using the drop dispenser of the bottle: Maintenance dose for peri-operative use: 3 drops/kg body weight

First day dose for acute musculoskeletal disorders: 6 drops/kg body weight; subsequent daily maintenance dose: 3 drops/kg body weight

Dosing procedure using the measuring syringe: The syringe fits onto the drop dispenser of the bottle and has a kg-body weight scale which corresponds to the maintenance dose.

Shake bottle well. Push down and unscrew bottle top. Attach the dosing syringe to the drop dispenser of the bottle by gently pushing.

Turn the bottle/syringe upside down. Pull the plunger out until the black line on the plunger corresponds to your cat's body weight in kilograms.

Turn the bottle right way up and with a twisting movement separate the dosing syringe from the bottle.

By pushing the plunger in, empty the contents of the syringe onto the food or directly into the mouth.

Special Notes:

None