Analgesics: Meloxicam

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| Drug | Meloxicam |
| Uses | * Treatment of pain, inflammation and osteoarthritis as well as postoperative pain.
* Oral meloxicam is useful in treatment of painful procedures such as castration and dehorning.
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| Adverse Effects | * GI ulceration
* Very occasional transient swelling at site of injection
* Renal toxicity
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| Contraindications/ Warnings/ Precautions/ Drug interactions | * Animals that may have shown previous hypersensitivity
* Should be used with caution in patients with hepatic, cardiac, or renal function and hemorrhagic disorders.
* Should not be used with the following drugs:
* ACE inhibitors
* Anesthetics, inhalant
* Anticoagulants
* Aspirin
* Bisphosphonates
* Corticosteroids
* Cyclosporine
* Digoxin
* Diuretics
* Fluconazole
* Methotrexate
* Nephrotic Drugs
* NSAID’S
* SNRIs and SSRIs
* Tricyclic Antidepressants
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| Withdrawal Period | * Meat: 15 days
* Milk: 5 days
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| Dosage  | * 0.5mg/kg
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| Concentration | * 20mg/ml
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**Drug Dosage calculation for Each Animal:**

Dose x Weight/ Concentration of Drug

**Scenario 1:**

2 week old Saanen 5kg

0.5mg/kg X 5kg / 20mg/ml

=0.125ml

**Scenario 2:**

6 month old calf 60kg

0.5mg/kg X 60kg / 20mg/ml

= 1.5ml

**Scenario 3:**

2 year old breeding ram 72kg:

0.5mg/kg X 72kg / 20mg/ml

= 1.8mls