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. |
| Adverse Effects | * GI ulceration * Very occasional transient swelling at site of injection * Renal toxicity |
| 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 |
| Withdrawal Period | * Meat: 15 days * Milk: 5 days |
| Dosage | * 0.5mg/kg |
| Concentration | * 20mg/ml |

**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