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| --- | --- | --- | --- | --- | --- |
| **Drug** | **Dose Rate (mg/kg)** | **Concentration (mg/ml)** |  | **Indications for use** | **Withdrawal Time** |
| **Animals weight 325kg** |  |  |  |  |  |
| **Lidocaine** (Local anaesthetic) | 2.0 |  | 2 x 325kg/20= 16.25ml | Use with a tourniquet this last for one hour. |  |
| **Flunixin** (Analgesic Pre-Op) | 1.1 | 50 | 1.1mg/kg x 325/50mg/ml= 7.15ml | Pre-emptive analgesia | Meat - 4 days |
| **Flunixin** (Analgesic Post-Op Care) | 2.2 | 50 | 2.2mg/kg x 325/50mg/ml=14.3 ml | Post-op analgesia for 3 days |
| **Penstrep** (Antibiotic) | 20,000 IU/kg | 200,000 IU/kg | 325kg x 20,000 IU/kg/200,000 IU/kg = 32.5ml | Antibiotic | 30 days |
| **Ivermectin** (Antiparasitic) | 0.2 | 10 | 0.2 mg/kg x325 kg/10mg/ml= 6.5 ml | Antiparasitic | 28 days |
| **Epinephrine** | 0.02 | 1 |  | Anaphylactic reactions | No WDT |
| **Atropine** | 0.04 | 0.54 |  | If bradycardia, <30 bpm, occurs | Meat - 14 days  Milk – 3 days |
| **Tolazoline** | 0.1 | 100 |  | Xylazine reversal | No WDT |