Anaesthetic drugs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Drug | Concentration | Dose | Volume calculated (ml) | Withdrawal time | Indications |
| Banamine (Flunixin Meglumine) | 50mg/ml | 1.1mg/kg | **Bovine**  (500kg x1.1mg/kg)  50mg/ml  = 11ml  **Canine**  (75kg x1.1mg/kg)  50mg/ml  =1.65ml | Milk :72 hrs  Meat:4 days | NSAID- Analgesia |
| Xylazine 2% | 20mg/ml | 0.025mg/kg | **Bovine**  (500kg x0.025mg/kg)  20mg/ml  =0.625ml  **Canine**  (75kg x0.025mg/kg)  20mg/ml  =0.094ml | Milk:14 days  Meat: 48hrs | Sedation |
| Lidocaine 2% | 20mg/ml | 0.2mg/kg  Toxic dose:  10mg/kg | **Bovine**  (500kg x0.2mg/kg)  20mg/ml  = 5ml  Toxic dose:  (500kg x10mg/kg)  20mg/ml  = 250ml  **Canine**  75kg x 0.2mg/kg)  20mg/ml  = 0.75ml  Toxic dose:  (75kg x10mg/kg)  20mg/ml  = 37.5ml | Milk: 24 hrs  Meat : 1 day | Local anaesthesic |
| Drug | Concentration | Dose | Volume Calculated(ml) | Withdrawal | Indications |
| PenStrep | 200 000IU | 20 000IU | **Bovine**  (500kg x20 000IU)  200 000IU  = 50ml  **Canine**  (75kg x20 000IU)  200 000IU  = 7.5ml | Milk: 60hrs  Meat: 23days | Treatment of infections caused by or associated with organisms sensitive to Pencillin or Streptomycin  Eg., Erysipelothrix rhusiopathiae, Arcanobacterium pyogenes Streptococcus spp and Listeria spp, Mannheimia haemolytica, Staphylococcus spp, Pasteurella multocida, Klebsiella pneumonia, Salmonella spp |