Anaesthetic drugs

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| 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 hrsMeat: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 daysMeat: 48hrs | Sedation  |
| Lidocaine 2% | 20mg/ml | 0.2mg/kgToxic dose:10mg/kg | **Bovine**(500kg x0.2mg/kg)20mg/ml= 5mlToxic dose:(500kg x10mg/kg)20mg/ml= 250ml**Canine**75kg x 0.2mg/kg)20mg/ml= 0.75mlToxic dose:(75kg x10mg/kg)20mg/ml= 37.5ml | Milk: 24 hrsMeat : 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: 60hrsMeat: 23days | Treatment of infections caused by or associated with organisms sensitive to Pencillin or StreptomycinEg., Erysipelothrix rhusiopathiae, Arcanobacterium pyogenes Streptococcus spp and Listeria spp, Mannheimia haemolytica, Staphylococcus spp, Pasteurella multocida, Klebsiella pneumonia, Salmonella spp |