Anaesthetic drugs

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| Drug  | Concentration  | Dose  | Volume calculated (ml) | Withdrawal time | Indications  |
| Banamine (Flunixin Meglumine) | 50mg/ml | 1.1mg/kg | **Calf #149** (200kg x1.1mg/kg)50mg/ml= 4.4ml**Calf #169**(100kg x1.1mg/kg)50mg/ml=2.2ml  | Milk :72 hrsMeat:4 days | NSAID- Analgesia |
| Xylazine 2% | 20mg/ml | 0.05mg/kg | **Calf #149** (200kg x0.05mg/kg)20mg/ml= 0.5ml**Calf #169**(100kg x0.05mg/kg)20mg/ml=0.25ml  | Milk:14 daysMeat: 48hrs | Sedation  |
| Lidocaine 2% | 20mg/ml | 0.2mg/kgToxic dose:10mg/kg | **Calf #149** (200kg x0.2mg/kg)20mg/ml= 2mlToxic dose:(200kg x10mg/kg)20mg/ml= 100ml**Calf #169**(100kg x0.2mg/kg)20mg/ml=1ml Toxic dose:(100kg x10mg/kg)20mg/ml= 50ml | Milk: 24 hrsMeat : 1 day | Local anaesthesic |
| Drug  | Concentration  | Dose  | Volume Calculated(ml)  | Withdrawal  | Indications |
| PenStrep | 200 000IU | 30 000IU | **Calf #149** (200kg x30 000IU)200 000IU= 30ml | 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 |