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 hrs  Meat: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 days  Meat: 48hrs | Sedation |
| Lidocaine 2% | 20mg/ml | 0.2mg/kg  Toxic dose:  10mg/kg | **Calf #149**  (200kg x0.2mg/kg)  20mg/ml  = 2ml  Toxic 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 hrs  Meat : 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: 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 |