**DRUGS UTILIZED FOR VAGINAL/UTERINE PROLAPSE**

WEIGHT OF ANIMAL: 450kg cow

VOLUME (ML) =

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Drug** | **Concentration** | **Dose Rate and Route** | **Calculations & Amt Given** | **Withdrawal time** | **Indications** |
| Banamine (Flunixin  Meglumine) | 50mg/ml | 1.1mg/kg | Amount given: 0.9ml | Milk: 72 hours  Meat: 4 days | NSAID - analgesia |
| Xylazine 2% | 20mg/ml | 0.025mg/kg | Amount given: 0.05ml | Milk - 14 days  Meat – 48 hours | Sedative |
|  |  |  |  |  |  |
| **Caudal Epidural Nerve Block** | | | | | |
| Lidocaine 2% | 20mg/ml | 0.2mg/kg | Amount given: 1ml | Milk: 24 hours  Meat: 1 day | Local anaesthetic |

Calculation for toxic dose of Lidocaine =

Therefore, the total amount of Lidocaine that can be injected needs to be less than 225ml.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Drug** | **Concentration** | **Dose Rate and Route** | **Calculations & Amt Given** | **Withdrawal time** | **Indications** |
| Tolazoline | 100mg/ml | 0.05mg/kg |  | Milk: 72 hours  Meat: 4 days | Xylazine reversal – dose = 2x xylazine dose |