* Drugs:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Drug** | **Concentration** | **Drug dose** | **Administration** | **Withdrawal time** |
| **Ketamine + Xylazine** | Xylazine (20mg/ml)  Ketamine (100mg/ml) | Xylazine (0.05 mg/kg) Ketamine (0.1 mg/kg) | Intramuscularly | Xylazine - 14 days meat  48 hrs milk  Ketamine - 3 days meat  24 hrs milk |
| **Lidocaine** | 20mg/ml | 5mg/kg | Regional nerve block. Given intravenously. | 1 day for meat animals  24 hrs for milk animals |
| **Penstrep** | 200000IU/ml | 20,000 IU/kg | Intramuscularly | 30 days |