**Results of lab:**

Cow #: 288

Estimated weight: 130kg

Xylazine: 2%, 0.025ml/kg, volume used: 0.1625

Ketamine: 10%, 0.5ml/kg, volume used: 0.65ml

Tolazoline: 10%, 0.05ml/kg, volume used: 0.065ml

Atropine: 0.54mg/ml, 0.04ml/kg, volume used: 9.63ml

Flunixin: 1.1ml/kg, 50mg/ml, volume used: 2.86ml

Lidocaine: 0.02ml/kg, 2%, volume used: 0.13ml

Combikel: 6.5ml

|  |  |  |
| --- | --- | --- |
| Drug | Time given | Onset of action |
| Xylazine | 2:03pm | 5 mins |
| Ketamine | 2:04pm | 5 mins |
| Combikel | 2:05pm | N/A |
| Flunixin | 2:13pm | 8 mins |
| Lidocaine | 2:19pm (right side) | 4 mins |
|  | 2:23pm (left side) | 4 mins |