DRUG Table USED FOR CLOSED CASTRATION

Weight (W): 115kg Gender: Male Age: Calf BCS: 4

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Drug | Concentration © | Dosage (D) | Volume Given (mL) | Route | Time Given  | Effect | Toxic Dose  | Total Volume Given (mL) | WithdrawalTime(days) |
| Xylazine | 2% (20 mL) | 0.05 | 0.3 mL | IV | 2:41pm | Sedative |  --- | 0.3 mL | 3 |
| Lidocaine  | 2% (20 mL) | 0.2 mg/kg |  |  |  | Analgesia | 57.5 |  | 2 |

Lidocaine was not administered for this procedure but it was advised that we could have utilized it if necessary.

Toxic Dose of Lidocaine 2% is 10mg/kg

Therefore calculated toxic dose is 10\*115/20 = 57.5 mL

Thus, the maximum volume of Lidocaine 2% that could be given to this animal is 57.5 mL