Drug Calculations

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Drug | Dose  mg/kg | Concentration  mg/ml | Vol. Calculated  milliliters  (dose x wgt)/conc.  Weight=230kg | Vol. Given  millilitres | Route | Time of Administration | Observations /Explinations |
| Xylazine | 0.05 | 20 | 0.575 | 0.6 | IM | 1:30pm |  |
| Ketamine | 0.5 | 100 | 1.15 | 1.2 | IM | 1:32pm | After both Ketamine and Xylazine were given the animal loss most of it’ ability to stand. He also exhibited excessive salivation. |
| Tolazanine | 0.1 | 100 | 0.23 | None | IV | - |  |
| Atropine | 0.04 | 0.54 | 17 | None | IM | - |  |
| Epinephrine | 0.02 | 0.1 | 4.6 | None | IV | - |  |
| Flunixin | 1.1 | 50 | 5.06 | 5 | IV | 1:46pm |  |
| Pen/Strep | 10000 | 200000 | 1.15 | 1.2 | IM | 1:56pm |  |
| Lidocaine  Toxic dose and  ½ Toxic Dose | 10 | 20 | 115 (Toxic dose)  ½- 115/2= 57.5 | 10 | SQ  In SpermC. | 2:15pm | 2 mls given per spermatic cord and 3mls in the skin o each scrotum |