***Dose Calculations for All Drugs Used***

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| **DRUG** | **DOSAGE** | **CALCULATED VOLUME** |
| Xylazine 2% Solution | 0.025mg/kg | 0.025mg/kg x 115kg/20mg/ml  =0.14 ml |
| Flunixin meglumine  (Banamine®)  50mg/ml | 1.1mg/kg | 1.1mg/kg x 115kg/50mg/ml  = 2.53 |
| DHS-Penicillin  (Combikel®)  200,000I.U/ml | 20,000mg/kg | 20,000 I.U./kg x 115kg/  200,000I.U/ml  =11.5ml |
| Atropine 1.5% | 0.04mg/kg | 0.04mg/kg x 115kg/15mg/ml  = 0.31 |
| Epinephrine  1mg/ml | 0.02mg/kg | 0.02mg/kg x 115kg/1mg/ml  =2.3ml |
| Tolazoline  10% | 4x xylazine dose (0.025mg/kg x 115kg) | (0.025mg/kg x 115kg x4)  /100mg/ml  =0.115 ml |
| Lidocaine 2%  (lethal dose) | 10mg/kg | 10mg/kg x 115kg/20mg/ml  =57.5 ml |