**Drugs Information**

Weight= 500kg

**Ketamine**

Dose= 0.25mg/kg

Concentration= 100 mg/ml

Dose to be administered= (500 \* 0.25)/ 100 = 1.25ml

**Xylazine**

Dose= 0.05mg/kg

Concentration= 20mg/ml

Dose to be administered= (500\*0.05)/20

= 1.25 ml

**Lidocaine**

Dose= 10 mg/kg

Concentration= 20mg/ml

Toxic Lidocaine= 500 \*10/20

=250ml therefore max dose is 125ml.

**Atropine**

Dose=0.04 mg/kg

Concentration= 0.54 mg/ml

Dose to be administered= 37 ml

**Epinephrine**

Dose=0.02 mg/kg

Concentration= 1mg/ml

Dose to be administered= 10ml

**Tolazoline**

Dose= 0.1 mg/kg or 0.2mg/kg

Concentration=100 mg/ml

Dose to be administered= (500\*0.1)/100 or (500\*0.2)/100

=0.5ml or 1ml

**Flunixine**

Dose= 1.1mg/kg

Concentration= 50 mg/ml

Dose to be administered= (500\* 1.1)/50

=11ml

**Pen Strep**

Dose= 10,000

Concentration=200,000

Dose to be administered= (500\*10,000)/ 200,000

=25ml

**Pen Strep**

Dose=10, 000 mg/kg

Concentration= 200,000 mg/ml

Dose to be administered= (500\*10,000)/ 200,000

= 25 ml