DISTAL PARAVERTEBRAL BLOCK

Drug used: Lidocaine 2%

Animal’s Body weight: 545 kg

Drug Dosage: 0.2mg/kg

Drug Concentration: 20 mg/ml

Volume used: $\frac{weight x dose}{concentration}$ = $\frac{545 X 0.2}{20}$ = 5.45 mls of 2% lidocaine

\*\*\*In order to make a 1% concentration of lidocaine 5cc of the 2% lidocaine was mixed with 5cc of saline to make a 10cc solution which was then injected into each site both dorsally and ventrally to the transverse process of L1,L2 and L4. Total volume used on this procedure was **60mls.**

Lethal dose of lidocaine= 10ml/kg

Weight= 545kg

Lethal dose= $\frac{weight x dose}{concentration}$= $\frac{545 X 10}{20}$= 272.5ml