Drugs and their doses

Sample calculation:

For xylazine (0.05mg/ml) for a 100 kg calf:

Volume to be given = (Dose x weight)/ concentration

= (0.05 x 100) / 20 = 0.25 ml

Therefore 0.25ml of 2% xylazine was given to the 100kg calf to induce sedation.

However for this laboratory session, only lidocaine was given.

For the Peterson Block, only 20mls of 2% lidocaine was given.

For the auriculopalpebral block, only 10 mls of 2% lidocaine was given.