Lidocaine

Volume = Weight x Dose  
   
 Concentration

Weight of calf #315 = 50 kg

Dosage = 5mg/kg

Concentration = 20mg/ml

Volume   = 50kg x 5mg/kg   = 12.5mls (8mls administered)

20mg/ml

Supervising veterinarian advised that 8mls would be sufficient to elicit adequate local nerve anaesthesia. 4mls was administered at each cornual nerve on the right and left side of the calf.