**Lidocaina**

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| Active Ingredient | Dosage calculations  | Route of administration  | Toxic Dose | Withdrawal time | Usage |
|  Lidocaine | Concentration- 2% = 20mgDose- 1mg/kg**Cow 1- no. 295**Weight = 80 Kg$\frac{1 x 80}{20}$ = 4mls per sideNote- right side of calf was given 8mls after initial nerve block didn’t workTotal = 12ml**Cow 2- no. 276**Weight= 100kg$\frac{1 x 100}{20}$= 5mls on each side Note- both sides were given 2 sets of 5ml Total= 20mls | Subcutaneous (nerve block) | Dose= 10 mg/kg**Cow 1**$\frac{10 x 80}{20}$= **40mls****Cow 2**$$\frac{10 x 100}{20}$$**= 50mls** | Milk and meat = 36hrs from last treatment | Lidocaine is a local anestheticUsed for infiltration anaesthesia or nervous blockage.  |

