

TABLE SHOWING DRUG CALCULATIONS FOR DIGIT AMPUTATION IN CATTLE

	DRUG	WEIGHT (kg)	DOSE (mg/kg)	CONC (mg/ml)	VOLUME (mls)	ROUTE	WDT
SEDATION	Xylazine	500	0.05	20	$0.05 \times 500 / 20 = 1.25$	IV	Milk- ohrs
	Ketamine	500	0.25	100	$0.25 \times 500 / 100 = 1.25$		Meat- 0days
NERVE BLOCK AND ANAESTHESIA	Lidocaine	500	1.00	20	$1.00 \times 500 / 20 = 25$	IV	Milk- 24hrs
		Toxic Dose: ½ Toxic Dose (Max to be used)			$10 \times 500 / 20 = 250$ $250 / 2 = 125$		Meat- 24hrs
	Flunixin Meglumine	500	1.00	50	$1.00 \times 500 / 50 = 10$	IV	Milk- 72hrs Meat- 4days
REVERSAL AGENTS	Tolazoline	500	2.00	100	$2.00 \times 500 / 100 = 10$	IV	Milk- 48hrs Meat- 8days
	Epinephrine	500	0.02	1	$0.02 \times 500 / 1 = 10$	IV	Milk- ohrs Meat- 0days
	Atropine	500	0.04	0.54	$0.04 \times 500 / 0.54 = 37$	IM	Milk- 3days Meat- 14days
ANTIBIOTICS	Pen-Strep	500	20,000 IU/kg	200,000	$20,000 \times 500 / 200,000 = 50$	IM	Milk- 30days Meat- 4days