DRUGS REQUIRED FOR CLAW AMPUTATION

SEDATION WITH 2% XYLAZINE:

Weight = 500kg

Dose= 0.05mg/kg

Conc= 20mg/ml

Volume = Dose x Weight / Conc

 = 0.05 x 500/20

 = 1.25mls

ANALGESIA WITH FLUNIXIN MEGLUMINE:

Intravenous injection with an NSAID such as flunixin meglumine is recommended prior to digit amputation.

Weight = 500kg

Dose = 1.1mg/kg

Conc = 50mg/ml

Volume = Dose x Weight/ Conc

 =1.1 x 500/ 50

 = 11mls

LOCAL ANAESTHETIC WITH 2% LIDOCAINE

Intravenous regional anaesthesia with lidocaine injected into the common dorsal digital vein. In adult dairy cow weighing 600-700kg, 25-30 mls of 2% lidocaine solution is injected into a superficial vein after application of a tourniquet either above the hock or below the carpus.

PROPHYLACTIC TREATMENT

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* Penicillin/ Streptomycin ( 200,000 IU/ml) @ dose : 24,000 IU/kg

REVERSAL AGENT FOR XYLAZINE -TOLAZINE

* Tolazine (see label for concentration) @ 2-4 mg/kg
* Ensure not to administer rapidly IV because it can result in cardiac asystole.

AGENT TO COUNTERACT BRADYCARDIA/ HYPERSALIVATION

* Atropine (see label for concentration)@ 0.2mg/kg