DRUGS USED PRIOR TO TEAT CISTERN LACERATION SURGERY:

Xylazine: (IM)

Dosage: 0.02mg/Kg

Conc: 20 mg/mL

Volume: 250 x 0.02/20 = 0.25 ml

Ketamine: (IM)

Dosage: 0.04mg/kg

Conc: 100mg/ml

Volume: 250 x 0.04/ 100= 0.1ml

Butorphanol: (IM)

Dosage: 0.01mg /kg

Conc: 2mg/ml

Volume: 250 x 0.01 / 2= 1.25ml

Procaine Penicillin: (IM)

Dosage: 22 000 IU/kg

Concentrations: 300 000 IU /ml

Volume: 250 x 22 000/300000= 18.3mls

Flunixin meglumine: (IV)

Dosage: 1mg/kg

Conc: 50mg/ml

Volume: 250 x 1/ 50= 5mls

Emergency drugs:

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| Tolazoline | Rapid-acting reversal agent of Xylazine. (was not used) | Dosage: 0.075mg/KgConc: 10%Volume: 250 x 0.075/100 = 0.19 ml |
| Epinephrine | Kept on hand in the case of Anaphylactic shock. (was not used) | Dosage: 0.02 mg/KgConc: 0.1%Volume: 250 x 0.02/ 1 = 5ml |
| Atropine | Used for the prevention or reversal of bradycardia caused by Xylazine.(was not used) | Dosage:0.04 mg/KgConc: 1.5%Volume: 250 x 0.04/15 = 0.7ml |