

Analgesics



Flunixin meglumine

Meloxicam



Anesthetics

## Xylazine



Assuming weight of the kid is 5kg

1) Dose Calculation for Flunixin meglumine

Dose= 2.2mg/kg

Total Dose= 2.2mg/kg x 5kg= 11mg

Solution has 50mg/mL of flunixin meglumine

Number of mLs needed= 11mg/50mg/mL= 0.22mL of flunixin meglumine

2) Dose calculation for Meloxicam

Dose= 0.5mg/kg

Total Dose= 0.5mg/kg x 5kg= 2.5mg

Solution has 20mg/mL of meloxicam

Number of mLs needed= 2.5mg/20mg/mL= 0.125mL of meloxicam

3) Dose calculation for Xylazine

Dose= 0.05mg/kg

Total Dose= 0.05mg/kg x 5kg= 0.25mg

Solution has 20mg/mL of xylazine

Number of mLs needed= 0.25mg/100mg/mL=0.0125mL of xylazine