# DRUG CALCULATIONS

* **Formula: Volume= Dose (mg/kg) x Weight (kg) / Concentration (mg/ml) [V= (D x W)/ C]**
* **SEDATIVE: XYLAZINE 20mg/ml @D = 0.025 mg/kg**
* **PAIN MANAGEMENT: FLUNIXIN MEGLUMINE 50 mg/ml @ D 1.1. mg/kg**
* **LOCAL ANAESTHETIC: LIDOCAINE 20 mg/ml**
	+ **Four point block: 5 – 10 mls / site**
	+ **Petersons block: 15 – 20 mls /site**
	+ **Auriculopalprebral block: 15 – 20 mls**
* **REVERSAL AGENT: TOLAZOLINE 100mg/ml @ D = 1 mg/kg**
* **ATROPINE (BRADYCARDIA) 0.54 mg/ml @ D = 0.04mg/kg [counteract vagovagal reflex if seen by clamping the optic nerve during surgery]**
* **EPINEPHRINE 1mg/ml @ D = 0.02 mg/kg**
* **PROPHYLACTIC ANTIBIOTICS: PEN/STREP ( 200,000 IU/ml) @ D = 22,000 IU/kg**