

Drugs and anaesthesia

Peterson retrobulbar eye block can be used for this procedure.

EXENTERATION								
<i>Drug Name</i>	<i>Concentration (mg/mL)</i>	<i>Dose (mg/kg)</i>	<i>Duration of effect</i>	<i>Type of drug</i>	<i>Route of administration</i>	<i>Calculation (weight approx 600kg)</i>	<i>Withdrawal time</i>	<i>Contraindications</i>
Penstrep	200000 IU/mL	22,000 IU/kg	3 days	Broad spectrum antibiotic	IM	$(600\text{kg} \times 22000\text{IU/kg}) \div 200000 \text{ IU/mL} = 66\text{mLs}$	21 days- meat 3 days- milk	Do not administer to animals known to be sensitive to penicillin
Banamine (Flunixin meglumine)	50mg/ml	1mg/kg	36 hours	NSAID	IV	$(600\text{kg} \times 1\text{mg/kg}) \div 50\text{mg/ml} = 12\text{ml}$	21 days- meat	Not for use in dairy cows
Lidocaine	20mg/ml	2mg/kg	0.5-3 hours	Local Analgesia	SQ	$(600\text{kg} \times 2\text{mg/kg}) \div 20\text{mg/ml} = 60\text{ml}$	4 days- meat 72 hours- milk	Contraindicated in animals with a known hypersensitivity to the drug