

Analgesics and Anesthetics

| Generic/Brand Name | Active Ingredient | Use | Dosage and Administration | Contraindications | Withdrawal Times (WDT) | Side Effects |
|--------------------|-------------------|--|--|--|--|---|
| Xyla | Xylazine: 20 mg | -for sedation -has analgesic effect -muscle relaxer | Cattle, IM dose 1 : 0.25 ml per 100 kg; sedation, small operations dose 2 : 0.5 ml per 100 kg; small operations dose 3 : 1 ml per 100 kg; larger operations dose 4 : 1.5 ml per 100 kg; very extensive operations Horses, IV: 4ml per 100kg Sheep, IM: 0.15 per 10 kg | -given to animals that have a pyometra as they most likely have hypersensitivity to xylazine | For meat: 5 days For milk: 4 days | -hypersalivation -vomiting -decreased heart rate -decreased respiration rate |
| | Ketamin | -dissociative general anaesthetic -useful in controlling pain as NMDA-receptor is inhibited | IV: Up to 2 mg/kg IM: 10 mg/kg | -contraindicated in patients who have exhibited prior hypersensitivity reactions | Meat: 3 days Milk: 48 hours | -if given too fast, depression can occur |