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| Xylazine | Ketamine | Tolazoline | Lidocaine |
| Withdrawal time = 14days in meat48hrs in milkBovine dose is 1/10 of equine dose1-2mg/kg Small animals and eqine.0.1mg/kg in ruminants.Routes of administration:IM, IV, SC, EpiduralAlpha 2 agonist – Muscle relaxation, analgesia, sedation. | Dosage = 22 to 33mg/kg produce anesthesia that is suitable for diagnostic or minor surgical procedures that do not require skeletal muscle relaxation.A Schedule III Drug | Not for use in food producing animals.Dose: 2x(xylazine dose)Eg. 2x(0.1mg/kg)Non-selective alpha adrenergic antagonist. | Withdrawal time = 1day in meat24hrs in milkToxic dose = 10mg/kgAnaesthetic & IVRA dose =5mg/kgEpidural dose = 0.2mg/kgClass Ib antiarrhythmic |