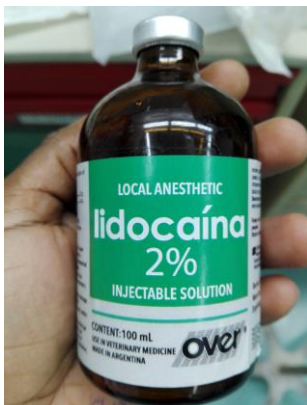














## Common Drugs Used in Food Animals

| Drug  | Type   | Route      | Withdrawal time   | Contraindications   |
|---|--|------------|---|---|
| <p>Lidocaine 2%</p>    | <p>Anaesthetic</p> <p>Used as a local anaesthetic.</p>   | IM, IV     | Meat: 1day<br>Milk: 24 hours  | Cardiotoxic. Use with caution in animals with liver disease, congestive heart failure, shock, hypovolemia, severe respiratory depression or marked hypoxia.   |
| <p>Xylazine 2%</p>    | <p>Sedative</p> <p>Used together with Ketamine for a modified Ketamine stun</p>  | IM, IV     | Meat: 4 days<br>Milk: 24 hours<br>(IM at 0.05-0.30 mg/kg)<br>Goats: IV @ 0.016 - 0.1 mg/kg<br>Meat 5 days,<br>Milk 72 hours.<br>Goats & Sheep<br>IM @ 0.05 - 0.3 mg/kg<br><i>Meat 4 days, Milk 24hours.</i><br>IM@ 0.3 - 2.0 mg/kg<br>Meat 10 days, Milk 120 hours/5days. | Causes bradycardia and hypotension. Do not use in conjunction with epinephrine, in animals having active ventricular arrhythmias, in the last trimester of cattle pregnancy, in debilitated ruminants, in dehydrated animals or those with urinary obstruction. |
| <p>Ketamine 10%</p>  | <p>Sedative, dissociative anaesthetic and analgesic properties at sub-anaesthetic doses.</p> <p>Used together with Xylazine for a modified Ketamine stun</p> | IV, IM, SQ | Cattle: Meat 8 days, Milk 48 hours  | Not for use in animals with prior hypersensitivity reactions. Do not use in animals that have severe cardiac (including hypertension), hepatic or regional impairment, head trauma/injuries, seizures or glaucoma.  |
| <p>Flunixin Meglumine</p>   | <p>Non-narcotic, non-steroidal analgesic agent with anti-inflammatory and antipyretic activity</p>   | IV, IM     | Cattle: Meat 30 days IM, 4 days IV, Milk 72 hours   | Not for use in animals with prior hypersensitivity reactions  |

|   |   |  |   |   |
|---|---|--|---|---|
|   | <p>Used for Post-op pain management, up to 24 hours.</p>  |  |   |   |
| <p>Penicillin-streptomycin<br/>(Procaine benzylpenicillin eq.120 000 I.U. - Benzathine benzylpenicillin eq.80 000 I.U. - Dihydrostreptomycin sulphate eq. 200 mg base)</p>  | <p>Antibiotics<br/><br/>(Used to combat any bacterial infections that may result)</p>   | <p>IM, SQ</p>                          | <p>Cattle: Milk: 60 hours, Meat 23 days<br/>Sheep: Meat: 31 days<br/>Pigs: Meat: 18 days</p>  | <p>Not for use in animals hypersensitive to it. Animal with renal insufficiency<br/>In Sucking and fattening pigs may cause transient pyrexia, vomiting, shivering, listlessness and incoordination.<br/>In pregnant sows and gilts-vulval discharge that is possibly associated with abortion.</p> |
| <p>Butorphanol 0.5 mg per mL</p>   | <p>Sedative, Analgesic</p>  | <p>IV, IM, SQ</p>                      | <p>Meat 38 hours, milk 48 hours.</p>  | <p>Not for use in animals with liver, kidney or lung disease or in animals with head trauma.</p>  |
| <p>Atropine Sulfate</p>    | <p>Analgesic and tranquilizer and for general anesthesia.<br/>Anticholinergic/ anti-parasympathetic, antimuscarinic agent.<br/><br/>Used as emergency drug for bradycardia.</p> | <p>IV, IM, SQ<br/>(Emerganc ey-IV)</p> | <p>Single-dose use in cattle, sheep, and pigs 3-day milk and 14-day meat withdrawal time. Multiple doses up to 0.2 mg/kg (0.09 mg/lb), a 6-day milk and 28-day meat</p> | <p>Not for use in animals with narrow angle glaucoma, urinary obstruction, tachycardia or ileus</p>   |

|   |  |                                |   |   |
|---|--|--------------------------------|---|---|
| <p><b>Toazoline 10%</b></p>    | <p>Sedative and analgesic properties.<br/>Xylazine Reversing Agent and Antagonist</p>                                | <p>IV</p>                      | <p>Cattle: Meat 8 days, Milk 48 hours</p> | <p>Not for use in animals hypersensitive to it</p>  |
| <p><b>Epinephrine 1mg/ml</b></p>   | <p>Active sympathomimetic hormone.<br/>Used for anaphylactic reactions</p>   | <p>IM, SQ</p>                  | <p>Swine- Meat: 2 days</p>                | <p>Not for use in animals with narrow angle glaucoma, hypersensitivity to epinephrine, shock due to non-anaphylactoid causes, general anaesthesia with halogenated hydrocarbons, during labour, dilated cardiomyopathy or coronary insufficiency.</p> |
| <p><b>Diazepam</b></p>   | <p>Minor tranquillizer<br/>Excellent muscle relaxation<br/>Anticonvulsant<br/>Minimal cardiopulmonary depression</p> | <p>IV, PO</p>                  | <p>Meat: &gt; 2days<br/>Milk:</p>         | <p>Can cause abortion. may induce, excitement, pulmonary oedema in a sheep. Monitor liver profile-drug interactions</p>   |
| <p>Oxytetracycline hydrochloride and Gentian violet<br/>40mg/g OH, 4mg/g GV</p>  | <p>Antibacterial</p>   | <p>Topical (Aerosol spray)</p> |   | <p>Not for use in animals hypersensitive to it. May result in paralysis, paresis or incoordination. Antidote: Use atropine sulphate.</p>  |

|  |                                      |  |  |  |
|--|--------------------------------------|--|--|--|
| <p>Dimethyl<br/>Dichlorovinyl<br/>phosphate, Gentian<br/>violet<br/>0.10% DDP, 0.02%<br/>GV</p>   | <p>Anti-myiasis</p>                  | <p>Topical<br/>(Aerosol<br/>spray)</p> |  | <p>Not for use in animals<br/>hypersensitive to it.<br/><b>May result in<br/>paralysis, paresis or<br/>incoordination.</b><br/><b>Antidote: Use atropine<br/>sulphate.</b></p> |
| <p>Animal wound powder<br/>(Gentian violet 1.07,<br/>Sulphathiazole 5.08%,<br/>Zinc oxide 5.60 %,<br/>Asuntol 0.17%,<br/>Dilutents 100%)</p>  | <p>Antiseptic/Antibac<br/>terial</p> | <p>Topical<br/>powder</p>              |  | <p>Not for use in animals<br/>hypersensitive to it.</p>  |

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