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| Drug name | Category | Use | MOA | Dose | Method of administration | Side Effects | Withdrawal times | Precautions |
| Amoxycillin   150 LA  Image result for Amoxinject label | Aminopenicillin | Long acting suspension used in the treatment of infections caused by organisms sensitive to amoxicillin  Broad spectrum  Cattle, horses: respiratory infections,susceptible infections  Dogs: UTI, gram positive and negative infections, Lyme disease  Cats: Gram positive infections,gram negative infections, susceptible UTI’s and soft tissue infections, sepsis, H.pylori infections, enterotoxicosis. | Bactericidal agent that acts by inhibiting cell wall synthesis. | 15mg/kg b.w | **Cattle,sheep,pigs** :IM  **Dogs,cats:** IM/SC | Oral administration can cause GI effects: anorexia, vomiting,diarrhoea  Neurotoxicity with prolonged administration  In dogs:  tachypnea,dyspnea,edema,tachycardia | **Meat :** 14 days  **Milk:** 60 hours | Monitor for hypersensitivity |