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| Antibiotics |
| **Generic/Brand Name** | **Active Ingredient** | **Use** | **Dosage and Administration** | **Contraindications** | **Withdrawal Times (WDT)** | **Side Effects** |
| Amoxil | Amoxicillin | -Bactericidal agent thatinhibits cell wall synthesis | Cattle, SC/IM:-6-10 mg/kgHorses:-20-30 mg/kg | -contraindicated with patients with history of hypersensitivity | 30 days | -when given orally, may have GI effects |
| Penstrep- 400 LA | Procaine penicillin G: 100000 IUBenzathine penicillin G: 100000 IUDihydrostreptomycin sulphate: 200 mg | Procaine penicillin G and benzathine penicillin G: bactericidal action against mainly Gram-positive bacteria (eg Clostridium) | IM:1 ml per 10kgNo more than:-20 ml in cattle-10 ml in swine-5 ml in calves sheep and goat per injection site | -Hypersensitivity to penicillins, procaine and aminoglycosides | For meat: 30 daysFor milk: 5 daysFor kidney: 45 days | -Hypersensitivity reaction-neurotoxicity, nephrotoxicity-High doses lead to diminished immune systems in swine |
| Interflox -100 | Enrofloxacin: 100 mg | -bactericidal effect against gram negative bacteria | Cattle, sheep, goat, swine IM/SC: 1 ml per 20-40 kg | -Hypersensitivity to enrofloxacin | For meat (cattle, sheep, goat): 21 daysMilk:4 daysSwine:14 days | -cartilage lesions in jointswhen given to young animals |
| Pen- 300 | Procaine penicillin G: 300 000 IU | -narrow-spectrum beta-lactam-has bactericidal activity against Gram-positive bacteria and some Gram-negative | IM:-12 mg/kg | -Not to be used in sheep producing milk for human consumption-not to be administered intravenously | Cattle:6 days.Sheep:1. days.

Swine:1. days

Horses:1. months.

Milk:1. days (cattle)
 | -there can be allergic reactions to penicillin |
| Kombitrim 240 | Sulfamethoxazole: 200 mg Trimethoprim:40 mgExcipients: 1ml | -used to treat infection of the respiratory tract, gastrointestinal tract, urogenital tract, wounds in soft tissue, septicemia (caused by | IM/SC or slow IV:-24 mg/kg | -hematopoietic , renal, hepatic disturbances-IV route of administration is contraindicated in the case of previous administration of central nervous system | For meat: 12 daysFor milk: 4 days | -transient local reactions (such as pain/ swelling) at site ofinjection can occur-cardiac/ respiratory shock can occur-allergic reactions |

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|  |  | sulphamethoxazole) |  | depressants |  |  |
| Cefokel 50 mg/ml | Ceftiofur: 50 mgExcipients: 1 ml | -used against many gram positive and gram negative bacteria (includingbeta-lactamase producing strains) | SC:-1 mg/kg for 3 to five days (for respiratory disease)SC:1 ml/50 kg for 3 days (for acute interdigital necrobacillosis)SC:1mg/kg for 5 days (for acute postpartum metritis within 10 days after calving)Swine, IM:-3 mg/kg for 3 days | -Not to be administered to a previously hypersensitive animal (hypersensitive to ceftiofur)-Not to be injected intravenously | Meat (pigs): 5 daysMeat (cattle): 8 daysMilk:0 days | -hypersensitivity reaction-discolouration of fascia may occur in swine-mild inflammatory reaction at injection site in cattle |