

Antibiotics						
Generic/Brand Name	Active Ingredient	Use	Dosage and Administration	Contraindications	Withdrawal Times (WDT)	Side Effects
Amoxil	Amoxicillin	-Bactericidal agent that inhibits cell wall synthesis	Cattle, SC/IM: -6-10 mg/kg Horses: -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 IU Benzathine penicillin G: 100000 IU Dihydrostreptomycin sulphate: 200 mg	Procaine penicillin G and benzathine penicillin G: bactericidal action against mainly Gram-positive bacteria (eg Clostridium)	IM: 1 ml per 10kg No 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 days For milk: 5 days For 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 days Milk: 4 days Swine: 14 days	-cartilage lesions in joints when 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: 4 days. Swine: 5 days Horses: 6 months. Milk: 7 days (cattle)	-there can be allergic reactions to penicillin
Kombitrim 240	Sulfamethoxazole: 200 mg Trimethoprim: 40 mg Excipients: 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 days For milk: 4 days	-transient local reactions (such as pain/ swelling) at site of injection can occur -cardiac/ respiratory shock can occur -allergic reactions

		sulphamethoxazole)		depressants		
Cefokel 50 mg/ml	Ceftiofur: 50 mg Excipients: 1 ml	-used against many gram positive and gram negative bacteria (including beta-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 days Meat (cattle): 8 days Milk: 0 days	-hypersensitivity reaction -discolouration of fascia may occur in swine -mild inflammatory reaction at injection site in cattle