

National Essential Veterinary Medicine List - 2023

National Essential Veterinary Medicine List- 2023

S.N.	Class of Drug	Main drug name	Complementary drug name	Dosage form	Presentation	Indications	Category
1.0	Anesthetic/Sedatives/Tranquilizers and oxygen						
1.1	Inhalant anaesthetics	Halothane		Inhalation	4-6% and 1-1.5%, 30ml, 50ml, 200ml, 250 ml	General anaesthesia for clinical and surgical procedures	Essential
		Isoflurane		Inhalation	99.9% or 1ml/ml (100 ml, 250 ml)	General anaesthesia for clinical and surgical procedures	Essential
		Sevoflurane		Inhalation	3ml vial	General anaesthesia for clinical and surgical procedures	Essential
1.2	Dissociative anaesthetic	Ketamine		Injection	10mg/ml, and 50mg/ml : 2ml, 10 ml, 20 ml	Anaesthesia, immobilization for clinical examination and surgical procedures	Essential
1.3	Barbiturate	Thiopental sodium		Injection	500mg, 1gm	General anaesthesia in major and minor surgical procedures	Essential
1.4	Non Barbiturate	Propofol		Injection	1% (10 mg/ml): 10ml, 20ml	General anaesthesia in major and minor surgical procedures	Essential
1.5	Oxygen	Oxygen		Inhalation (Medical gas)		Medical and surgical conditions Requiring oxygen	Essential
1.6	Local anaesthetic	Bupivacaine		Injection	0.25%, 0.5%, 1%, 20ml and 2 ml	Infiltration anaesthesia, surface anaesthesia, nerve block, regional anaesthesia, epidural anaesthesia to facilitate clinical/surgical procedures	Essential
		Lidocaine		Injection	1%, 2%, 5% injection in vials	Infiltration anaesthesia, surface anaesthesia, nerve block, regional anaesthesia, epidural anaesthesia to facilitate clinical/surgical procedures	Essential
				Topical	2% (w/w)		Essential
		Lidocaine+ Epinephrine		Injection	2% (as hydrochloride or sulfate)+ epinephrine 1:200000 in vial		Essential



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1.7	Sedative/Pre-anaesthetic	Xylazine hydrochloride		Injection	2% : 2ml, 10ml, 30ml, 50 ml	Induce sedation, analgesia, muscle relaxation, and immobilization of excited animals	Essential
		Atropine sulphate		Injection	1mg/ml : 1 ml ampoule, 10 ml, 30 ml, 100ml	Pre-anaesthetic	Essential
1.8	Antidotes of sedatives	Yohimbine hydrochloride		Injection	10mg/ml : 10 ml	Complete reversal of anaesthetics effects of Xylazine HCL	Essential
		Atipamezole hydrochloride		Injection	5 mg/ml : 10 ml		Essential
1.9	Sedatives and Tranquilizers	Hydroxyzine hydrochloride		Injection	10mg/ml : 10 ml	Immobilization of non-domestic and wild species like Rhino, elephant	Emergency
		Lorazepam		Tablet/ Injection	0.5 mg, 1mg, 2mg, Inj: 2mg/ml in 1 ml and 2 ml	Anxiety and fear related disorders	Emergency
		Alprazolam		Tablet	0.25mg, 0.5mg, 1mg	Anxiety and fear related disorders	Essential
		Chlorpromazine		Tablet, Injection	Tablet: 10mg, 25mg, 50mg, 100mg; Injection: 2.5%w/v(50mg/2ml) in 1 ml ampoule	Preanaesthetic, immobilisation of animal	Essential
		Trifluromazine		Tablet, Injection	Tablet: 5mg, 10mg, Injection: 20mg/ml in 5 ml vial	Preanaesthetic, immobilisation of animal	Essential
2.0	Steroidal and Non-steroidal antiinflammatory drugs (NSAIDs)	Dexamethasone		Injection, Tablet	Injection(4 mg/ml): 5ml, 10ml, 30 ml, Tablet: 0.5 mg, 1mg, 2mg, 4 mg	Anti-Inflammatory, arthritis, shock, tissue damage, toxemia etc	Essential
		Prednisolone		Injection, Tablet	1% solution: 10 ml vial, Tablet: 5 mg, 10 mg, 20 mg, 40 mg	Anti-Inflammatory	Essential
		Betamethasone		Injection	4mg/ml: 5ml, 10ml	Anti-Inflammatory, arthritis, shock, tissue damage, toxemia etc	Essential
		Meloxicam		Tablet, Injection, Suspension	Tablet: 100mg, Injection: 5mg/ml in 2ml, 10ml, 30ml, 100 ml vials Oral Suspension: 1.5 mg/ml in 10 ml pack	Pyrexia of Unknown origin (PUO)	Essential
		Tolfenamic acid		Injection	40 mg/ml in 30ml vial	Pyrexia of unknown origin	Essential
		Paracetamol		Injectable, tablet, bolus	Injection (1mg/ml): 10 ml, 30ml, Tablet: 150mg, 1.5g	Pyrexia of Unknown origin	Essential
		Triamcinolone acetonide		Tablet, Injectable	Tablet: 4mg, Injection (40mg/ml): 1ml, 10ml	Arthritis, tendosynovitis, myositis etc	Essential
		Flunixin meglumine		Injectable	50mg/ml : 10 ml, 30 ml, 100 ml	PUO, Analgesia	Essential



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2.0	Steroidal and Non-steroidal antiinflammatory drugs (NSAIDs)	Tramadol		Tablet, Injection	Tablet :50mg,Injection (50mg/ml) : 10 ml	Pain, perioperative analgesia	Essential
		Acetyl salicylic acid		Tablet, Bolus	100mg, 150mg, 15gm	Inflammation,pain and pyrexia, platelets disaggregation	Essential
			Fentanyl	Injection	50mcg/ml - 2 ml, 10 ml vial	Pain	Essential
		Morphine		Tablet, Injection,Liquid	Tablet: 10mg,30mg,60mg, Injection (10mg/ml) in 1 ampoule,2 mg/ml in 1 ml vial	Pain	Emergency
		Pethidine		Injection	50mg/ml -1 ml	Pain	Essential
3.0	Expectorants and Bronchodilators	Aminophylline		Tablet, injection	Tablet: 100mg,Injection (25mg/ml): 10 ml, 20 ml	Bronchial asthma	Essential
		Bromhexine		Tablet, Oral suspension	Tablet: 8mg, Suspension: 4mg/ml	Expectorant, mucolytic	Essential
		Salbutamol		Tablet, syrup	2mg,4mg, 2mg/5ml	Brochospasm	Essential
		Theophylline		Tablet, Capsule, Syrup, Injection	Tablets: 100mg,300mg, Syrup: 80mg/5ml,Injection: 50.6mg/2ml	Bronchial asthma	Emergency
4.0	Antihistamines for anaphylaxis	Chlorpheniramine maleate		Injection (10mg/ml)	30ml,50ml,100ml	Eczema, urticaria, photo dermatitis,rhinitis, other allergic disorders	Essential
		Cetirizine		Tablet	10mg	allergic disorders	Essential
			Pheniramine maleate	Injection (22.75mg/ml)	10ml,30ml,100ml	Eczema, urticaria, photo dermatitis,rhinitis, other allergic disorders	Essential
5.0	Antidotes	Atropine sulphate		Injection	1mg/ml: 10 ml,30ml,100ml	Organophosphate poisoning	Essential
		Pralidoxime		Injection	500mg, 1gm	Organophosphate poisoning	Essential
		Activated charcoal		Powder, Liquid	50 gm 100 gm	Non-specific antidote	Essential
		Dimercaprol		Injection	100mg/2ml	Heavy metal poisoning	Essential
		Naloxone		Injection	400mcg/ml: 1 ml,10 ml	Opioid poisoning	Emergency
		Penicillamine		Tablet	250mg	Heavy metal poisoning	Emergency



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5.0	Antidotes	Deferoxamine		Injection	500mg	Iron Poisoning	Emergency
		Sodium thiosulphate		Solution	250 mg/ml- 50 ml	Cyanide Poisoning	Essential
		Sodium nitrite		Injection	30mg/ml in 10 ml ampoule	Cyanide Poisoning	Essential
		Vitamin K1 (Phytomenadione)		Tablet, Injection	Tab,5mg; Injection: 10mg/ml in 1 ml Ampoule	Warfarin toxicity	Emergency
		Methylene blue		Injection	1% w/v(10mg/ml)in 10 ml ampoule	Nitrate/nitrite poisoning	Essential
		Calcium EDTA (Sodium calcium edetate)		Injection	200mg/ml in 5ml ampoule	Lead poisoning	Essential
6.0	Anticonvulsant/Antiepileptics	Atipamezole		Injection	5mg/ml in 10 ml	Reverse the effect of Ketamine	Emergency
		Diazepam		Tablet, Syrup, Injection	Tablet: 5mg, 10mg, Injection: 5mg/ml - 2ml, 10 ml	Status epilepticus, convulsions due to poisoning	Essential
			Carbamazepine	Tablet,syrup	200mg,400mg, 100mg/5ml	Limbic or partial seizures	Emergency
			Clonazepam	Tablet	0.5mg, 2mg	Epilepsy	Emergency
			Phenobarbitone	Tablet, Injection	15 mg,30mg,60mg, Injection: 200mg/ml	Convulsive seizures	Essential
			Phenytoin	Tablet, Injection	100mg, 50mg/ml in 5 ml vial	Status epilepticus	Essential
			Primidone	Tablet	250mg	Epilepsy	Emergency
7.0	Antiemetics	Valproic acid		Tablet,syrup	200mg, 200mg/5ml	Status Epilepticus	Emergency
		Domperidone		Tablet,suspension	5mg,10mg, 1mg/ml	Vomition	Essential
		Metoclopramide		Tablet,Injection, Liquid	Tablet: 10mg, Injection:5mg/ml in 2 ml	Vomition	Essential
		Ondansetron		Injection, Tablet, Syrup	2mg/ml in 2 ml, 4 ml, Tablet: 2mg, 4 mg, 8mg Syrup: 10 mg/ml	Vomition	Essential
			Promethazine	Tablet,Injection, Syrup	25mg, 10mg, Injection: 25mg/ml in 2ml ampoule, Oral liquid: 5mg/5ml	Vomition	Essential
			Triflupromazine	Tablet,Injection	5mg, 10mg, 20mg/ml	Vomition	Essential


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8.0	Antispasmodic	Hyoscine butylbromide		Tablet, Injection, Suspension	Tablet: 10mg, 20mg Injection: 20mg/ml in 1ml ampoule	Spasmodic pain	Essential
		Dicyclomine		Injection	10mg/ml, 30ml	Colic pain, spasmodic pain	Emergency
9.0	Antineoplastic	Vincristine		Powder for Injection	1mg in vial	Transmissible venereal tumour, lymphosarcoma, immune thrombocytopenia	Essential
		Vinblastine		Powder for Injection	10 mg in vial	Lymphoproliferative disorders and mast cell tumours	Essential
		Cisplatin		Injection	10mg, 20mg in vial		Emergency
10.0	Antiarrhythmic/Antihypertensive/Vasodilator drugs	Atenolol		Tablet	25mg, 50mg, 75mg, 100mg	Atrial and ventricular arrhythmia, hypertension	Emergency
		Metoprolol		Tablet, Injection	25mg, 50mg, 100mg, 1mg/ml in 5ml	Atrial and ventricular arrhythmia, hypertension	Emergency
		Propranolol		Tablet	10mg, 40mg, 80mg	arrhythmia	Essential
		Enalapril		Tablet	2.5mg, 5mg, 10mg, 20mg	Hypertension	Essential
			Ramipril	Tablet	1.25mg, 2.5mg, 5mg, 10mg	CHF, Hypertension	Emergency
			Amlodipine	Tablet	2.5mg, 5mg, 10mg	Hypertension	Emergency
			Sodium nitroprusside		Injection	50mg/5ml	Short term vasodilation in severe CHF
11.0	Cardiotonic glycoside	Digoxin		Tablet, Injection	0.25mg, 0.5mg/2ml	Atrial tachycardia, CHF	Essential
12.0	Haemostatics	Tranexamic acid		Tablet, injection	Tablet: 500mg, Injection: 500mg/5ml	Antifibrinolytic, Aids in coagulation	Essential
		Adrenaline		Liquid	1mg/ml, 30 ml	Topical application	Essential
		Adrenochrome monosemi carbazone		Injection	750mcg/ml in 2ml Ampoule	Haemorrhages of various origin	Essential
		Ethamsylate		Injection	125 mg/ml, 250mg/ml	Haemorrhages of various origin	Essential
13.0	Systemic anticoagulants	Heparin		Injection	1000IU/ml, 5000IU/ml, 20000IU/ml in 1 ml ampoule	Systemic anticoagulation	Essential
		Warfarin		Tablet	1mg, 2mg, 5mg	Systemic anticoagulation	Essential
		Enoxaparin		Injection	20mg/0.2ml, 60mg/0.6ml, 80mg/0.8ml	Systemic anticoagulation	Emergency


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14.0	Hematinics	Iron dextran		Injection	50mg/ml in 2ml ampoule	Iron deficiency anemia	Essential
15.0	Muscle relaxants		Atracurium	Injection	10mg/ml	Recover neuromuscular blockade following anaesthesia	Essential
		Neostigmine		Tablet, injection	15mg, 0.5mg/ml	Myasthenia gravis, urinary retention	Emergency
		Xylazine hydrochloride		Injection	2%, 10%	Muscle relaxation	Essential
		Suxamethonium (succinyl choline)		Injection	50 mg/ml in 10 ml vial	Muscle relaxation	Essential
		Vecuronium		Powder for Injection	4 mg, 10 mg		Emergency
16.0	Hormones and endocrine preparations	Cloprostenol (PGF2alpha)		Injection	2ml	Anestrus, subestrus, luteal cyst	Essential
			Dinoprost (PGF2alpha)	Injection	1ml, 5ml	Anestrus, subestrus, luteal cyst	Emergency
		Hydroxy progesterone caproate		Injection	250mg/ml	Delayed ovulation, postpartum anestrus	Essential
		Gonadotropin releasing hormone		Injection	1ml, 2.5ml, 5ml, 10 ml	Follicular cyst, anovulation, delayed ovulation	Essential
		Estradiol		Tablet, Injection	1mg, 10mg/ml	Induce estrus, parturition	Essential
		Oxytocin		Injection	5IU/0.5ml, 5IU/ml	Induction of parturition, Milk let down	Emergency
		Levothyroxine		Tablet	12.5mcg, 25mcg, 50mcg	Hypothyroidism	Essential
		Insulin lantus		Injection	100 unit/ml	Hyperglycemia	Essential
		Testosterone		Injection	100mg/ml, 250mg/ml	Hypotestosterone	Essential


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17.0	Infusion fluids and electrolytes	Aminoacid infusion		Injection	Concentration (10 or 5 05 7 or 8%??)300ml, 500ml	Hypoproteinemia, cachexia	Essential
		Calcium borogluconate		Injection	25%w/v in 450ml	Hypocalcemia, milk fever	Essential
		Calcium and magnesium borogluconate		Injection	450 ml	Milk fever complicated with hypomagnesemia, hypoglycemia	Essential
		Dextrose/Glucose		Injection	5%, 10%, 25%	Bovine ketosis, hypoglycemia	Essential
		Dextrose Sodium Chloride		Injection	Dextrose+ Sodium chloride (2.5%+0.45%, 5%+0.9%, 10%+0.9%)	Hypoglycemia with dehydration	Essential
		Normal Saline		Injection	0.9% Sodium Chloride 500 ml, 1000 ml	Dehydration	Essential
		Electrolyte infusions (Ringer lactate)		Injection	500ml, 1000ml	Dehydration	Essential
		Mannitol		Injection	5%, 10%	Reduce intracranial pressure	Emergency
		Hydroxyethyl Starch		Injection	6% hydroxyethyl starch in isotonic sodium chloride 500ml, 1000ml	Hypovolemia	Essential
		Plasma protein fraction		Injection	250ml, 500ml	Hypovolemic shock	Emergency
		Dextran		Injection	70.6% in 0.9% NaCl	Hypovolemia	Essential
18.0	Miscellaneous	Water for Injection		Injection	5 ml, 10 ml ampoule		Essential


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19.0	Antacids , Antiulcer and PPI	Ranitidine		Tablet, Injection	Tablet: 150mg, 300mg. Injection: 25mg/ml	GERD and Duodenal Ulcer	Essential
		Omeprazole		Tablet, Injection	10mg, 20mg. Powder for Injection: 40mg/vial	GERD and Duodenal Ulcer	Essential
		Pantoprazole		Tablet, Injection	20mg, 40mg, 40mg in 10 ml vial	GERD and Duodenal Ulcer	Essential
			Famotidine	Tablet	10mg, 20mg, 40mg	GERD and Duodenal Ulcer	Essential
			Rabeprazole	Tablet	20 mg	GERD and Duodenal Ulcer	Emergency
20.0	Antizymotics	Simethicone		Suspension	(1%w/v): 100ml	Bloat, Tympany	Emergency
21.0	Antidiarrhoeals	Halquinol		Bolus, Powder	1.5gm, 60gm/kg	Enteritis, calf scour, coccidiosis	Emergency
		Loperamide		Tablet	2mg	Acute and chronic non-specific diarrhoea	Essential
22.0	Hepatobiliary drugs	Crude liver extract and Vitamin B complex		Injection	Contains: Thiamine hydrochloride, Riboflavin, Niacinamide, Vitamin B12 Liver Injection Crude (having Vit. B12 activity equivalent to 2mcg of cyanocobalamin per ml) Package: 10 ml, 30 ml, 100 ml	Aflatoxicosis, reduced feed intake, deficiency disease conditions, stress	Essential
		Sylmarine		Tablet	70 mg	Aflatoxicosis, hepatitis, jaundice, fatty liver	Essential
23.0	Laxatives and Purgatives	Bisacodyl		Tablet	5mg, 10mg	Acute and Chronic constipation	Essential
		Lactulose		Liquid	3.35 mg/5 ml: 100ml, 200ml, 450ml	Non-specific acute and chronic constipation	Essential
		Milk of magnesia and Paraffin		Liquid	11.25ml+3.75ml per 15ml	Non-specific acute and chronic constipation	Essential
		Magnesium sulfate		Powder	500g	stress, loss of appetite, poor energy metabolism	Essential
24.0	Vitamins and minerals	Vitamin B complex		Injection	Contains: Nicotinamide ; d-Panthenol ; Pyridoxine Hydrochloride; Thiamine Disulphide Nitrate; Riboflavin-5-Phosphate Sodium ; Hydroxycobalamin Acetate : 100 ml vials	Deficiency of vitamin	Essential
		Vitamin A D3 E		Injection	Each ml has: Retinol: 2, 50,000 IU, Cholecalciferol: 25000 IU, Tocopherol acetate: 100 mg (in 10 ml vial)	Deficiency of vitamin	Essential


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25.0	Antitubercular drugs	Isoniazid		Tablet	50 mg, 100 mg, 300 mg	Tuberculosis	Emergency
		Rifampicin		Tablet or capsule	150 mg, 300 mg, 450 mg	Tuberculosis	Emergency
		Pyrazinamide		Tablet	150mg	Tuberculosis	Emergency
		Ethambutol		Tablet	100mg, 400mg, 600mg	Coccidiomycosis, histoplasmosis, dermatomycosis	Essential
26.0	Antifungal	Ketoconazole		Tablet	200mg	Blastomyces, Candida, Cryptococcus, Aspergillus infections	Emergency
		Itraconazole		Capsule	100mg	Trichophyton, Microsporium infection	Emergency
		Griseofulvin		Tablet	250mg, 500mg	Dermatophytosis	Essential
		Clotrimazole		Solution, cream	1%w/v, 30 ml	Blastomyces, Candida, Cryptococcus, Aspergillus infections	Emergency
		Fluconazole		Tablet	50mg, 100mg, 150mg, 200mg	Fungal infection	Emergency
		Nystatin		Oral Liquid	50 mg/ 5ml	Fungal infection	Essential
		Miconazole		Liquid/lotion	1%	Fungal infection	Essential
27.0	Anthelmintics	Albendazole		Tablet, Bolus, Suspension, Powder	150mg, 200mg, 600mg, 1500mg, 3000mg, 2.5%w/v, 5%w/w	Nematodal and cestodal infestation	Essential
		Fenbendazole		Tablet, bolus, suspension, powder	150mg, 1500mg, 3000mg, 10% w/v, 25% w/w	Nematodal infestation	Emergency
		Mebendazole		Tablet	100 mg/Tablet	Nematodal infestation and immunomodulator	Emergency
		Levamisole		Tablet, Injection, Powder	150mg, 75mg/ml, 30%w/w	Fasciolosis, amphistomiasis, monieziaisis	Essential
		Oxyclozanide		Tablet, Bolus, Suspension	200mg, 1gm, 3.4%w/v	monieziaisis and nematodal infestation	Essential
		Oxyclozanide and Levamisole		Tablet, Bolus, Suspension	300mg, 1.5gm, 3%w/v+1.5%w/v	Fasciolosis, amphistomiasis, monieziaisis and nematodal infestation	Emergency
		Oxyclozanide and Tetramisole		Bolus, Suspension	1.5gm+1.5gm, 3%w/v+3%w/v	Intestinal nematodiasis	Essential


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27.0	Anthelmintics	Piperazine		Liquid	45% w/v	Nematodal infestation	Essential
		Pyrantel pamoate		Tablet, suspension	250mg, 50mg/ml	Cestode infestation	Emergency
		Praziquantel		Tablet	50mg	Cestode infestation, nematodiasis and mixed infestation	Essential
		Praziquantel combination with Fenbendazole and Pyrantel pamoate		Tablet	50mg+500mg+144mg	Cestode infestation, nematodiasis and mixed infestation	Essential
		Praziquantel and Albendazole		Tablet	25mg+300mg	Setariasis	Essential
		Diethylcarbamazine		Tablet	100 mg	Endectocide	Essential
		Ivermectin		Injection (1%)	1ml, 10ml, 50ml, 100ml	Endectocide and flukicidal action	Essential
		Ivermectin and Clorsulon		Injection (1% Ivermectin+10% Clorsulon)	10ml, 50ml, 100ml	Cestode infestation	Emergency
		Nicosamide		Tablet	500 mg	Fascioliasis, haemonchosis, bunostomiasis	Essential
		Rafoxanide		Tablet, bolus, suspension, powder	200mg, 2gm, 3gm, 3%w/v, 200mg/gm	Fascioliasis, haemonchosis, bunostomiasis	Emergency
		Triclabendazole		Tablet/inj	1800 mg/10%	Herpes virus infection	Essential
28.0	Antiviral Drugs	Aciclovir		Tablet	400mg, 800mg	Babesiosis in canine	Essential
29.0	Antiprotozoal drugs/Ionophores	Imidocarb dipropionate		Injection	120mg/ml in vial	Babesiosis, Trypanosomiasis	Essential
		Diminazene aceturate		Injection	70mg per ml : 10ml, 20ml, 30 ml, 100 ml	Trypanosomiasis	Essential
		Isometamidium chloride hydrochloride		Injection	250mg	Trypanosomiasis and Surra	Emergency


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29.0	Antiprotozoal drugs/Ionophores	Quinapyramine sulphate and quinapyramine chloride		Injection	1.5gm+1gm in vial	Theileriosis	Essential	
		Buparvaquone		Injection	50mg/ml in 2ml,20ml vial	Intestinal amoebiasis, trichomoniasis, giardiasis	Essential	
		Metronidazole		Tablet,suspension, injection	200mg, 400mg, 200mg/5ml, 5mg/ml	Intestinal amoebiasis, trichomoniasis, giardiasis	Emergency	
		Tinidazole		Tablet	300mg, 500mg, 1 gm	Coccidiosis	Emergency	
		Sulphaquinoxaline and Diaveridine		Powder	18.7%, 3.3 %	Caecal and intestinal coccidiosis	Essential	
		Amprolium		Powder	20%	Coccidiosis	Essential	
		Diclazuril		Powder	0.50%	Coccidiosis	Emergency	
			Sodium sulpha dimethyl pyrimidine		Liquid	12.50%	Coccidiosis	Emergency
			Toltrazuril		Powder	2.50%	Coccidiosis	Emergency
			Maduramycin		Powder	1%	Coccidiosis	Emergency
			Salinomycin		Powder	12%	Coccidiosis	Emergency
			Monensin		Powder	20%	Coccidiosis	Emergency
		Narasin		Powder	20%	Coccidiosis	Emergency	
30.0	Antibacterial							
30.1	Sulphonamide group	Sulphadimidine sodium		Bolus, injection	5gm, 333mg/ml, 100 ml	Mixed bacterial infections	Emergency	
		Sulphadiazine sodium and Trimethoprim		Powder, injection,liquid	100gm,500gm,1kg; 100ml; 100ml, 500ml, 1 liter	Mixed bacterial infections	Essential	
30.2	Fluoroquinolone	Ciprofloxacin		Tablet,bolus, injection, powder	250mg, 2 gm, 40mg/ml, 100 mg/ml, 10% w/w	Gram +ve and Gram negative bacterial infection	Essential	
		Enrofloxacin		Tablet, injection, liquid	50mg,150mg, 100mg/ml	Gram +ve and Gram negative bacterial infection	Essential	



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S.N.	Class of Drug	Main drug name	Complementary drug name	Dosage form	Presentation	Indications	Category
30.3	Tetracyclines	Oxytetracycline hydrochloride		Tablet, injection, powder	500 mg, 50mg/ml, 50mg/gm	Mixed bacterial infections	Essential
		Doxycycline hydrochloride		Powder, Tablet, Injection	Powder: 10%,20% Tablet: 100 mg, Injection: 100 mg	Mixed bacterial infections	Emergency
			Chlortetracycline hydrochloride	Powder	15%	Gram +ve bacterial infection	Essential
30.4	Penicillin	Fortified Procaine penicillin		Injection	20lac,40lac	Gram +ve and Gram negative bacterial infection	Essential
		Benzathine Penicillin		Injection	6lac ,12lac,24lac,48 lac IU	Gram +ve and Gram negative bacterial infection	Essential
		Ampicillin		Injection	250mg,500mg, 2gm, 2.5gm	Gram +ve and Gram negative bacterial infection	Essential
		Amoxicillin		Bolus, Injection, Powder	1.5gm, 5%w/w	Gram +ve and Gram negative bacterial infection	Essential
		Amoxicillin and Clavulanic acid		Tablet,Syrup, Injection	250mg, 500mg, 228.75mg/5ml, 2gm, 3gm, 4gm	Mixed bacterial infections	Emergency
30.5	Cephalosporin	Cephalexin		Powder	7.5%w/w	RTI,UTI and Mastitis	Emergency
		Cefixime		Tablet,Suspension, Injection	100mg,200mg, 100mg/5ml, 3gm, 4gm	Gram +ve and Gram negative bacterial infection	Emergency
		Ceftiofur		Injection	500mg,1gm,4gm	Gram +ve and Gram negative bacterial infection	Essential
		Ceftriaxone		Injection	500mg,1gm,2gm, 3gm,4gm	Wide spectrum of bacterial infection	Emergency
30.6	Amphenicols	Chloramphenicol		Powder	20%w/w	Gram +ve and Gram negative bacterial infection	Emergency
		Florfenicol		Liquid	100ml,500ml, 1ltr	Antiinfective	Emergency
30.7	Nitrofurans	Furaladone		Powder	100gm,500g,1kg	Antiinfective	Emergency
		Furazolidone		Powder/tablet	20%/200 mg	Gram +ve and Gram negative bacterial infection, CRD	Emergency
30.8	Macrolide	Erythromycin		Tablet, liquid, powder	250mg, 500mg, 125mg/5ml, 50gm/gm	CRD	Emergency
		Tylosin		Powder, Injection	100 %, 20 %	CRD	Essential
		Tilmicosin		Liquid	10% and 25%	GI tract infection, bacterial enteritis	Emergency


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S.N.	Class of Drug	Main drug name	Complementary drug name	Dosage form	Presentation	Indications	Category
30.9	Aminoglycoside	Neomycin		Injection, Powder	140mg/ml, 50 %	Gram negative bacterial infections	Essential
		Gentamicin		Injection	40mg/ml	Mastitis, endometritis, enteritis	Essential
		Kanamycin		Injection	500mg, 1gm, 2gm	Gram +ve bacterial infections	Emergency
30.10	Lincosamide	Lincomycin		Capsule, syrup, Injection, Powder	250mg, 500mg, 125mg/ml, 300mg/ml, 110gm/kg	CRD	Essential
30.11	Pleuromutilins	Tiamulin		Powder	45% and 80%	Gram +ve bacteria, Mycoplasma	Emergency
31	Diuretics	Furosemide		Injection, Tablet, Bolus	Injection: 10 mg/ml in 2ml ampoules, 50 mg/ml in 10 ml, Tablet: 40 mg, Bolus: 500 mg	edema, pulmonary congestion, ascites.	Essential
		Spironolactone		Tablet	25mg, 100 mg	edema	Essential
		Hydrochlorothiazide		Tablet	25 mg, 50 mg	edema	Essential
32	Dermatological: Anti-inflammatory/Antipruritic	Calamine		Lotion	15%		Essential
		Hydrocortisone		Cream/Ointment	1% (wt/wt)		Essential
		Betamethasone		Ointment	0.10%		Essential
33	Ophthalmological	Ciprofloxacin		Ointment/Solution (Eye drop)	Ointment: 0.3%, Solution: 0.3% (as hydrochloride)		Essential
		Chloramphenicol		Ointment/Solution (Eye drop)	Ointment: 1% w/w, Solution: 0.5%		Essential
		Prednisolone		Solution (Eye drop)	0.5% (Sodium phosphate)		Essential
		Atropine		Solution (eye drop)	1% (sulfate)		Essential
34	Ear, Nose and Throat Preparations	Betamethasone		Eardrop/cream	0.05%		Essential
		Chloramphenicol		Ear drop	5%		Essential
		Ciprofloxacin		Ear drop	0.3% (as hydrochloride)		Essential
		Clotrimazole		Ear drop	1%		Essential
		Lidocaine		Topical (viscous)	2%, 4%		Essential


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S.N.	Class of Drug	Main drug name	Complementary drug name	Dosage form	Presentation	Indications	Category
35	Insecticidal	Permethrin		solution/Pour on	1%, 10% and 44% in pour on for dogs	Ectoparasite infestation	Essential
		Cypermethrin		Pour on/Solution	6,50%	Ectoparasite infestation	Essential
		Fipronil		Pour on /Spray	Solution: 1%, Spray: 0.25%	Ectoparasite infestation	Essential
		Flumethrin		Pour on/Solution	1%	Ectoparasite infestation	Essential



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36. Antiseptics		
S.N.	Type	Concentration
36.1	Antiseptics	Category
	Chlorhexidine	Solution, 5% for dilution and solution or ointment, 4%
	Gentian violet	Aqueous 1%
	Povidone iodine	Solution, 5%,10% for dilution
	Rectified spirit	Liquid, 90% v/v
	Acryflavin	Liquid 0.1%
	Boric acid	Powder
	Potassium permanganate	Powder/Crystals, Liquid



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