



**VALE WILDLIFE HOSPITAL & REHABILITATION CENTRE
MEDICATIONS & DOSAGES USED AT VALE FOR**

WILD HEDGEHOGS (ERINACEUS EUROPAEUS)



IMPORTANT - THE INFORMATION BELOW DOES NOT APPLY TO OTHER HEDGEHOG SPECIES

THE DOSE RATES GIVEN BELOW OFTEN DIFFER FROM THE RATES RECOMMENDED BY THE MANUFACTURER OR LISTED IN THE BSAVA FORMULARY. THEY ARE THE RATES USED AT VALE WILDLIFE HOSPITAL UNDER THE SUPERVISION OF A VETERINARY SURGEON. ANY MEDICATION FROM THE LIST BELOW MUST BE PRESCRIBED BY A VET & YOU MUST FOLLOW THE ADVICE & DOSE RATES RECOMMENDED BY YOUR VET.

Most of the medications below are Prescription Only Medicines (POM) which must be prescribed by a veterinary surgeon after first carrying out a physical examination of the animal. They are not available without prescription. It is therefore imperative that you have a vet connected to your rescue who is willing to examine the animal, to diagnose any health issues and to prescribe any necessary medications.

Oral preparations can often be mixed with a small amount of food. However, injectable options are recommended whenever possible as under dosing with oral medications is common.

sc = subcutaneous, im = intramuscular, po = orally, topically = applied externally

ACTIVE INGREDIENT	TYPE	BSAVA FORMULARY DOSE	DOSE USED AT VALE (HEDGEHOGS)
Amoxycillin LA (150mg/ml)	Antibiotic (injectable)	Small mammals: Ferrets – 10-30mg/kg, Mice – 100-150mg/ml, Birds – 150-175mg/kg	Dose rate: 100mg/kg. Therefore, 0.7mls/kg bodyweight sc every other day.
Amoxicillin Trihydrate / Clavulanic Acid (175mgs/ml)	Antibiotic injectable & oral preparations	Small mammals: Ferrets 12.5-20mg/kg q12h, Rats/mice 100mg/kg q12h, Birds: 125-150mg/kg q12h	Dose rate: 125mg/kg daily (for injectable for at least 7 days. 175mg/ml injectable = 0.7mls/kg daily sc, 50mg tablets = 2 tablets/kg twice daily po, Palatable drops = 2mls/kg twice daily po.
Buprenorphine (0.3mgs/ml)	Analgesic & Sedative	Small mammals: Ferrets 0.01-0.1mg/kg q8-12h, Rats 0.01-0.05mg/kg q6-12h, Mice 0.05-0.1mg/kg q6-12h, Birds: 0.01-0.05mg/kg q8-12h, Reptiles: 0.01-0.02mg/kg q24-48h	Dose rate: 0.03-0.05mgs/kg. Therefore: 0.1-0.15mls/kg every 6 - 12 hours im or sc. CAN BE GIVEN IF CORTICOSTEROID GIVEN
Butorphanol (10mgs/ml inj)	Analgesic	Small mammals: Ferrets 0.25-0.4mg/kg q4-6h, Rats/mice 1-5mg/kg q4h, Birds: 0.3-4mg/kg q6-12h, Reptiles: 0.5-2mg/kg	0.5mgs/kg = 0.05ml/kg 4 times daily im or sc for up to 2 days
Butylscopolamine (20mg/ml)	Anti-spasmodic (injectable)	Dogs: 0.1ml/kg q12h Small mammals: 0.1ml/kg q12h	0.35ml/kg sc daily for 3 days
Carprofen (inj 50mg/ml, tabs 20mg)	Non-steroidal analgesic / anti-inflammatory injectable & oral preparations	Small mammals: Ferrets 1mg/kg p.o., Rodents 2-5mg/kg daily, Birds 1-5mg/kg q12-24h, Reptiles 4mg/kg once then 2mg/kg q24h	Dose rate: 5mg/kg daily for up to 3 days. Therefore: 50mgs/ml inj = 0.1mls/kg daily sc, 20mg tablets = ¼ tablet/kg daily po. DO NOT USE IF CORTICOSTEROID GIVEN
Cephalexin (180mg/ml)	Antibiotic (injectable or tablet)	Dogs, cats: 10-25mg/kg q24h Small mammals: 15-30mg/kg q8-12h Birds: 35-100mg/kg q6-8h Reptiles: 20-40mg/kg q12h	Dose rate: 30mg/kg daily for 7 days. 180mg/ml inj = 0.2ml/kg daily sc 50mg tablets = half tablet/kg daily po 100mg oral syrup = 0.3ml/kg.
Clenbuterol (30mg/ml)	Bronchodilator & mucolytic injectable		0.1ml/kg twice daily sc
Clindamycin	Antibiotic (oral capsule)	Dogs: 11mg clindamycin/kg daily. Toxoplasmosis 25mg/kg	Dose rate: 25mg/kg bodyweight daily for at least 7 days. Therefore: 25mg capsules = 1 capsule daily.
Cyanocobalamin, Hydroxocobalamin (0.25mg/ml)	Vitamin supplement	Small mammals: Rabbits 20-50mg/kg monthly, Birds: 0.25-5mg/kg q7d, Reptiles 0.05mg/kg	1ml/kg daily

Dexamethasone (2mgs/ml)	Corticosteroid, anti-inflammatory Injectable & oral preparations	Small mammals: Ferrets – 0.5-2mg/kg q24h Birds: 2-6mg/kg q12-24h	Inflammation: 1mg/kg = 0.5ml/kg, Shock: 5mg/kg (2.5ml/kg), Head or spinal trauma: 5mg/kg initially (2.5ml/kg), then 2mg/kg (1ml/kg) sc twice a day.
Diazepam (5mg/ml inj, 5mg tablets)	Anticonvulsant injectable & oral preparations	Small mammals: Ferrets – 2-5mg/kg once, Rats/mice – 2.5-5mg/kg once, Birds – 0.1-1mg/kg once	1-3mg/kg every 6-8 hours acc to degree of sedation required. Therefore, if using: 5mg/ml injection = 0.2 – 0.6mls/kg sc, 5mg tablets = one quarter to one half tablet/kg po.
Emodepside, Praziquantel (85.8mg/ml)	Wormer (tapeworms), flukicide	Small mammals: Ferrets 5-10mg/kg repeated in 10-14 days, Rats/mice 30mg/kg q14d for 3 treatments, Birds: Pigeons 10-20mg/kg p.o. or 7.5mg/kg s.c. Repeat after 7-10 days	Profender Spot-on (cat) = 0.5mls/kg on underbelly skin 3 doses (occ. 4 doses nec.), each 7 days apart.
Enilconazole 100mg/ml	Ringworm treatment. Fungal infections of the skin and nasal aspergillosis.	Small mammals: No information available. Birds: Dilute 1 volume of 10% solution with 10 volumes of water & give 0.5ml/kg/day intratracheally for 7-14 days	Dilute 1:50 with water & spray liberally (avoiding the face) until thoroughly soaked. Allow to dry. Apply every other day for 2 weeks.
Enrofloxacin (25mg/ml or 50mg/ml)	Antibiotic (injectable)	Rabbits: 10mg enrofloxacin/kg Ornamental birds: 20mg enrofloxacin/kg	Dose rate: 40mg/kg daily for 10 days. Therefore: 25mg/ml = 1.6ml/kg 50mg/ml = 0.8ml/kg
Enrofloxacin (2.5% = 25mg/ml)	Antibiotic - oral preparations	Small mammals: 5mg/kg twice daily Birds: 10mg/kg twice daily	Dose rate: 40mg/kg daily for 10 days. Therefore: 25mg/ml (2.5%) = 1.6ml/kg
Frusamide (50mg/ml inj, 20mg tablets)	Diuretic injectable & oral preparations	Small mammals: Ferrets 1-4mg/kg q4-6h initially, Rodents 1-4mg/kg q4-6h, Birds 0.1-6mg q6-24h	Dose rate: 5-10mg/kg twice daily. 50mg/ml injectable = 0.1-0.2ml/kg twice daily sc 20mg tablets = one quarter to half a tablet/kg twice daily po.
Imidacloprid 100mg/ml Moxidectin 25mg/ml	Combined flea and worm treatment. Spot-on. For crenosoma	Small mammals: Rabbits 0.4ml, 0.8ml (use the smaller size in rabbits <4kg. Birds, Reptiles: No information available.	0.3ml/kg once, spot-on on back of hedgehog. One dose usually sufficient. Can be repeated after 10 days if necessary.
Itraconazole (1% = 10mgs/ml)	Antifungal Oral	Small mammals: Ferrets 15mg/kg q24h, Birds: Raptors 20mg/kg q12-24h Reptiles: 23.5mg/kg q24h for 3 days	1.5mls/kg daily po for 7 days, repeat after a 7 day break.
Ivermectin (1% = 10mgs/ml)	Wormer / parasites (not tapeworms) Use if Capillaria eggs found in faecal sample	Small mammals: 0.2-0.5 mg/kg q7-14d, Birds: 0.5-1mg/kg q7-14d, Reptiles: 0.2mg/kg once, repeat in 10-14 days	0.5ml/kg - 3 inj, sc each 1 week apart. Mites: 0.1ml (for juv), 0.2ml (for adult) directly onto skin on back of neck.
Ketoprofen (10mgs/ml)	Analgesic / anti-inflammatory	Small mammals: Ferrets 1mg/kg q24h, Rodents 1-3mg/kg q12-24h, Birds: 1-5mg/kg q8-24h	Dose rate: 4mg/ kg = 0.4mls/kg daily sc for up to 3 days. DO NOT USE IF CORTICOSTEROID GIVEN
Marbofloxacin	Antibiotic	Small mammals: 2-5mg/kg q24h, Birds: 10mg/kg q24h Reptiles: 10mg/kg q48h	Dose rate: 8mgs/kg daily for 7 days. SA 1% = 0.8ml/kg daily sc for 7 days, 2% injectable = 0.4ml/kg daily sc for 7 days.
Mebendazole	Wormer (lungworm)		100mg/kg po daily for 5 days. Repeat after 10 days. Telmin granules = 1g/kg daily po, Telmin 200mg/g paste = 0.5ml/kg daily po.

Meloxicam (5mg/ml, 2mg/ml, 1.5mg/ml)	Analgesic / anti-inflammatory injectable & oral preparations	Small mammals: 0.3-0.6mg/kg q24h, Birds 0.5-1.0mg/kg q12-24h, Reptiles 0.2mg/ml q24h	Dose rate: 0.5mg/kg for up to 3 days. 5mg/ml injection = 0.1ml/kg daily sc for up to 3 days, 2mg/ml injection = 0.25ml/kg sc daily for up to 3 days. 0.5mg/ml oral = 1ml/kg daily for up to 3 days, 1.5mg/ml oral = 0.35ml/kg daily for up to 3 days.
Metoclopramide (inj 5mg/ml)	Antiemetic	Small mammals: 0.5-1mg/kg q6- 12h, Birds 0.3-2.0mg/kg q8-24h, Reptiles: 0.05-1mg/kg q24h	0.3ml/kg sc twice daily
Metronidazole (inj 5mg/ml, suspension 40mg/ml)	Antibacterial / antiprotozoal injectable & oral preparations	Small mammals: Ferrets 15- 20mg/kg q12h, Rats/mice 20mg/kg q24h, Birds: Raptors 50mg/kg q24h for 5 days or 200mg/kg once, Pigeons 40-50mg/kg q24h for 5-7 days or 100mg/kg once	Dose rate: 40mg/kg daily for 5-10 days. 5mg/ml injectable = 8mls/kg daily sc for 5-10 days, 40mg oral solution = 1ml/kg daily for 5-10 days.
Oxytetracycline 100mg/ml inj, 50mg tablets	Antibiotic injectable & oral preparations	Small mammals: Ferrets 20- 25mg/kg q8-12h, Mice 100mg/kg q12h Birds: Raptors 25-50mg/kg q8h, Passerines 100mg/kg q24h, Pigeons 50mg/kg q6h	Dose rate: 50mg/kg twice daily for 7 days. 50mg/ml injectable = 1ml/kg twice daily sc for 7 days, 50mg tablets = 1 tablet/kg twice daily po for 7 days
Ranitidine (inj 25mg/ml, syrup 15mg/ml)	Antacid injectable & oral preparations	Small mammals: Ferrets 3.5mg/kg po q12h, Rabbits 4-6mg/kg q8- 24h	Dose rate: 3.5mg/kg twice daily for at least 14 days. Therefore: 25mg/ml injectable = 0.15ml/kg twice daily sc, 15mg syrup = 0.25ml/kg twice daily po.
Toltrazuril (50mg/ml oral suspension)	Coccidiosis treatment (oral)		Dose rate: 100mg/kg po once, then repeat after 10 days = 2ml/kg po
Trimethoprim / Sulphonamide (inj 240mg/ml)	Antibiotic	Small mammals: Rabbits 30mg/kg q24h, Rats/mice 50-100mg/kg q24h, Birds 8-30mg/kg q12h	0.6mls/kg daily sc daily for 7 days
Tylosin (inj 200mg/ml)	Antibiotic	Small mammals: Ferrets/Rats/Mice 10mg/kg q12h, Birds: 20-40mg/kg q8-12h, Reptiles: 5mg/kg q24h	Dose rate: 20mg/kg daily for 7 days. 200mg injectable = 0.1ml/kg daily sc.