

Drug Formulary

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TABLE VI-1 Drug Formulary

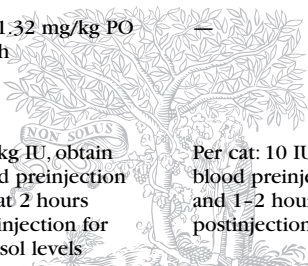
Generic Name (Trade Name)	Indications/ Drug Type	Canine Dose	Feline Dose	Comments	How the Drug Is Supplied
2-PAM	(see <i>pralidoxime</i>)				
4-methylpyrazole, 4-MP	(see <i>fomepizole</i>)				
5-ASA	(see <i>mesalamine</i>)				
5-FU	(see <i>fluorouracil</i>)				
Abelcet	(see <i>amphotericin B, liposomal encapsulated</i>)				
Acarbose (Precose)	Oral hypoglycemic drug used for treating diabetes mellitus; α -glucosidase inhibitor	12.5–25 mg per dog PO for initial dose; if ineffective, may increase to 50–100 mg per dog if no adverse effects	Not recommended	Adverse effects (diarrhea, weight loss) common; 35% of dogs	25, 50, 100 mg T HM
Accolate	(see <i>zafirlukast</i>)				
Accutane	(see <i>isotretinoin</i>)				
Acepromazine (acetylpromazine, PromAce, AtraVet, "ace")	Sedation, preanesthetic, central antiemetic	Premedication or as part of sedative protocol: 0.03–0.15 mg/kg SQ, IM, IV; as oral sedative (e.g., prior to travel): 0.5–1 mg/kg PO	Same	Oversedation causes CNS depression; in old or systemically ill animals, use at fraction of low dose (e.g., one-fourth) or not at all; do not use in animals with seizures or hypotension; breed sensitivities; has no anxiolytic or analgesic properties on its own (travel); hypotensive agent	5, 10, 25 mg T; 10 mg/ml I VM
Acetaminophen (Tylenol, Excedrin, Feverall, Liquiprin, Midol, Pamprin, Panadol, Percogesic, Tempra, Bromo-Seltzer, paracetamol, and most "aspirin-free" preparations)	Antipyretic, analgesic	10–20 mg/kg PO q 12h	Do not use	Toxic to cats (methemoglobinemia); gastric irritation; hepatotoxicity if overdose; analgesic, not anti-inflammatory	Many sizes T OTC
Acetazolamide (Diamox)	Glaucoma, CA inhibitor	2–10 mg/kg PO q 8h	2–10 mg/kg PO q 8h	Hypokalemia, panting, acidosis	125, 250 mg T,C HM
Acetylcysteine (Mucomyst)	1. Acetaminophen toxicosis in cats 2. Decrease bronchial secretion viscosity 3. Collagenase-complicated corneal ulcers	1. Same as for cats 2. Nebulize as 2% solution q 12h 3. One drop 10% solution q 2–4h in eye	First dose 140 mg/kg, then 70 mg/kg PO q 6h for three to seven treatments; may be given as slow bolus IV	Tastes bad, bronchospasm possible, conjunctivitis if prolonged topical use	100, 200 mg/ml, I HM
Acetylsalicylic acid (ASA, aspirin)	Analgesia, antiinflammatory, antipyretic, DIC, antithrombotic via decreased platelet aggregation	10–25 mg/kg PO q 8–24h; 0.5 mg/kg PO q 12h as antithrombotic	Per cat: 40.5–81 mg (10–20 mg/kg) PO q 48–72h; minidose: 5 mg (1mg/kg) PO q 72h	Anorexia—nausea, GI irritation, gastric ulcer—bleeding, platelet dysfunction, anemia, doses higher than minidose are <i>less</i> anticoagulant in dogs	81, 300, 600 mg,T OTC
Acitretin (Soriatane)	Synthetic retinoid for keratinization disorders in specific breeds (e.g., cocker spaniels)	0.5–1.32 mg/kg PO q 24h	—	Teratogenic; excreted in milk; adverse effects similar to etretinate?	10, 25 mg T HM
ACTH gel	Provocative agent for diagnosis of hyperadrenocorticism or hypoadrenocorticism	2 U/kg IU, obtain blood preinjection and at 2 hours postinjection for cortisol levels	Per cat: 10 IU, obtain blood preinjection and 1–2 hours postinjection	Rare allergic reaction, do not give IV	40, 80 IU/ml I HM

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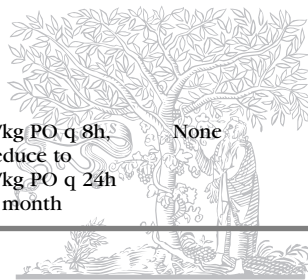
SAMPLE PAGES



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TABLE VI-1 Drug Formulary—(Continued)

Generic Name (Trade Name)	Indications/ Drug Type	Canine Dose	Feline Dose	Comments	How the Drug Is Supplied
ACTH-like solution, aqueous (tetracosactrin, cosyntropin, Cortrosyn)	Provocative agent for diagnosis of hyperadrenocorticism or hypoadreno- corticism; appears superior to ACTH gel but more costly	Standard dose: 250 µg/dog (0.25 mg/dog) once, IV or IM. Low dose: 5 µg/kg (0.005 mg/kg) IV once; with either protocol, obtain blood preinjection and at 1 hour postinjection for cortisol levels	Per cat: 0.125 mg IM or IV total dose; obtain blood preinjection and at 30 and 60 minutes postinjection	Costly; however, low dose and standard dose are equally effective when used IV; also remains effective if diluted, fractionated, and frozen for use at low dose (dogs)	250 µg (0.25 mg) per ampule I HM
Actigall	(see <i>ursodeoxycholic acid</i>)				
Activated charcoal (Requa)	GI adsorbent	1 g/5 ml water: give 10 ml of slurry/ kilogram; best administered via stomach tube	1 g/5 ml water: give 10 ml of slurry/kilo- gram; best administered via stomach tube	Do not induce vomiting; Inhalation pneumonia may occur; Follow with cathartic.	VM HM (various)
Adenosyl methionine, s- Adequan	(see <i>methionine, s-adenosyl</i>) (see <i>glycosamino- glycan—polysulfated</i>)				
Adrenalin	(see <i>epinephrine</i>)				
Adriamycin	(see <i>doxorubicin</i>)				
Adrucil	(see <i>fluorouracil</i>)				
Advantage	(see <i>imidacloprid</i>)				
Advil	(see <i>ibuprofen</i>)				
Aglepristone (Alizine, RU-46534)	Progesterone receptor antagonist	10 mg/kg SQ twice, 24h apart	—	Not licensed or widely used in the United States, abortifacient	300 mg/ml I VM
Albendazole (Valbazen)	<i>Giardia</i> ; other endoparasites	25–50 mg/kg PO q 12h for maximum 5 days	15–25 mg/kg PO q 12h for 5 days	May cause bone marrow suppression at recorded dosages; 4 doses total (2-day course) recommended for giardiasis; upto 10–21 days for <i>Paragonimus</i>	300 mg/g (paste) S VM
Albeta	(see <i>methionine, DL-</i>)				
Albon	(see <i>sulfadimetho- xine</i>)				
Albuterol (Ventolin, Proventil, Volmax, Salbutamol)	Immediate but short- acting β-2 adrenergic agonist bronchodilator	0.02–0.05 mg/kg (20–50 µg/kg) PO q 12h to q 8h Inhalant: one puff PRN, up to q 12h	One puff PRN	Beneficial effect lasts <4 hours; restlessness, muscle tremors; use with caution in patients where sympathetic drive could be harmful (e.g., heart disease, hypertension, hyperthyroidism, seizure disorders)	2, 4, 5 mg T, 2.5 mg/ml S, 6.8, 17 g inhalation canisters (0.1 mg [100 µg] per puff) HM
Aldactazide	(see <i>hydrochlorothia- zide/spironolactone</i>)				
Aldactone	(see <i>spironolactone</i>)				
Aleve	(see <i>naproxen</i>)				
Alkeran	(see <i>melfalan</i>)				
Allopurinol (Zyloprim)	Urate urolithiasis Leishmaniasis	10 mg/kg PO q 8h, then reduce to 10 mg/kg PO q 24h after 1 month	None	q 8h Tx for 30 days then q 24h	100, 300 mg T HM



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