

Rhea V. Morgan

**SMALL
ANIMAL
DRUG
HANDBOOK**



SAUNDERS

Contents

SECTION I	
Units, Abbreviations, Equivalents	1
SECTION II	
Formulary	5
SECTION III	
Alphabetical List of Drugs by Brand Name	107
SECTION IV	
Classification of Drugs by Generic Name	115

Small Animal DRUG HANDBOOK

Units, Abbreviations, Equivalents

Units

Weights

oz	ounce
lb	pound
kg	kilograms (10^3 g)
g	gram (1 g)
mg	milligram (10^{-3} g)
μ g	microgram (10^{-6} g)
ng	nanogram (10^{-9} g)
pg	picogram (10^{-12} g)
gr	grain (1 gr = 65 mg)

Fluids

L	liter (10^3 ml)
dl	deciliter (10^2 ml)
ml	milliliter (1 ml or 10^{-3} L)
μ l	microliter (10^{-6} L)
tsp	teaspoon
tbsp	tablespoon

Pressure

mmHg	millimeters of mercury
cm H ₂ O	centimeters of water

Distance, Surface Area

mm	millimeters
cm	centimeters
in.	inches
m ²	meter squared

Time

sec	second
min	minute
hr, h	hour
q	every

day	day
wk	week
mo	month
yr	year
Concentration of Solutions	
mEq/L	milliequivalents per liter
g/dl	grams per deciliter
mg/dl	milligrams per deciliter
pg/dl	picograms per deciliter
mOsm/kg	milliosmoles per kilogram
μU/ml	microunits per milliliter
μg/dl	micrograms per deciliter
μmol/L	micromoles per liter
mmol/L	millimoles per liter
pmol/L	picomoles per liter
mmol/kg	millimoles per kilogram
g/L	grams per liter
U/L	units per liter
IU/L	international units per liter
ppm	parts per million

Modified from Morgan RV: Manual of Small Animal Emergencies. Churchill Livingstone, New York, 1985.

Abbreviations

Routes of Administration

PO	per os, oral
IC	intracardiac
IM	intramuscular
IV	intravenous
SC	subcutaneous
IT	intrathecal
IO	intraosseous
IP	intraperitoneal

Dosage Schedules

QID	four times daily; every 6 hours
TID	three times daily; every 8 hours
BID	twice daily; every 12 hours
SID	once daily; every 24 hours
QOD	once every other day; every 48 hours
q	every

Other Abbreviations Used in the Formulary

ADH	Antidiuretic hormone
AV	Atrioventricular
BUN	Blood urea nitrogen
CNS	Central nervous system
CPR	Cardiopulmonary resuscitation
CRI	Continuous rate infusion
dd	Divided dose
DIC	Disseminated intravascular coagulation
DJD	Degenerative joint disease
D/W	Dextrose in water
EPI	Exocrine pancreatic insufficiency
FeLV	Feline leukemia virus
FIP	Feline infectious peritonitis
FIV	Feline immunodeficiency virus
FSH	Follicle-stimulating hormone
FUS	Feline urologic syndrome
GI	Gastrointestinal
IO	Intraosseously
IT	Intrathecally
KCS	Keratoconjunctivitis sicca
max	Maximum
NSAID	Nonsteroidal anti-inflammatory drug
PCV	Packed cell volume
PRN	As needed
Rx	Treatment
SA	Sinoatrial
SLE	Systemic lupus erythematosus
soln	Solution
tab	Tablet
URI	Upper respiratory infection

Equivalents of
and Fahrenheit

°C	
24	75.2
25	77.0
26	78.8
27	80.6
28	82.4
29	84.2
30	86.0
31	87.8
32	89.6
33	91.4
34	93.2
35	95.0
36	96.8
37	98.6
38	100.4
39	102.2
40	104.0
41	105.8
42	107.6
43	109.4
44	111.2
45	113.0
46	114.8

Formulary

Every effort has been made to provide precise dosages for specific clinical situations; however, individual needs or circumstances may necessitate alterations in both the dosage and the frequency of administration of any of the medications listed on the following pages. Dosages are designated for either “Dog” or “Cat.” If neither designation appears, the dosage is applicable to both the dog and cat. *Note:* Multiple uses for the drug are listed in order under original drug entry.

Key: Drug (Brand Name or abbreviation)

Purpose or Use

Chapters cited

Dosage

Prefix indicates species

No prefix indicates dosage is applicable to both dog and cat.

Note: Multiple uses for drug are listed in order under original drug entry.

ABBREVIATIONS USED IN THE FORMULARY

ADH	Antidiuretic hormone
AV	Atrioventricular
BUN	Blood urea nitrogen
CNS	Central nervous system
CPR	Cardiopulmonary resuscitation
CRI	Continuous rate infusion
dd	Divided dose
DIC	Disseminated intravascular coagulation
DJD	Degenerative joint disease
D/W	Dextrose in water
EPI	Exocrine pancreatic insufficiency
FeLV	Feline leukemia virus

FIP	Feline infectious peritonitis
FIV	Feline immunodeficiency virus
FSH	Follicle-stimulating hormone
FUS	Feline urologic syndrome
GI	Gastrointestinal
IO	Intraosseously
IT	Intrathecally
KCS	Keratoconjunctivitis sicca
max	Maximum
NSAID	Nonsteroidal anti-inflammatory drug
PCV	Packed cell volume
PRN	As needed
Rx	Treatment
SA	Sinoatrial
SLE	Systemic lupus erythematosus
soln	Solution
tab	Tablet
URI	Upper respiratory infection

■ **Acarbose (Precose)**

Diabetes mellitus

Chapter 43

DOG: <25 kg: 25–50 mg PO BID
>25 kg: 25–100 mg PO BID
Use with insulin

■ **Acetazolamide (Diamox)**

Hydrocephalus, neurogenic pruritus

Chapters 23, 82

DOG: 0.1 mg/kg PO TID

Glaucoma

Chapter 98

DOG: 5–10 mg/kg IV × 1–2 doses

■ **Acetohydroxamic acid (Lithostat)**

Struvite urolithiasis

Chapter 49

DOG: 12.5 mg/kg PO BID

■ Acetylcysteine (Mucomyst)**Degenerative myelopathy**

Chapter 24

DOG: 70 mg/kg PO TID × 2 wk, then TID on alternating days

Acetaminophen toxicosis

Chapters 63, 122, 128

CAT: 140–240 mg/kg PO or 140 mg/kg IV, then 70 mg/kg PO QID × 5–7 Rx

■ Acetylpromazine (Acepromazine)**Restraint, sedation**

Chapters 4, 15, 37, 59, 79

DOG: 0.025–0.2 mg/kg IV; max = 2.5 mg or
0.1–0.25 mg/kg IM/SC/PO

CAT: 0.025–0.1 mg/kg IV; max = 1 mg

Arterial thromboembolism

Chapter 10

0.1–0.2 mg/kg SC TID

Scotty cramps

Chapter 23

DOG: 0.1–0.75 mg/kg PO BID

Preanesthetic

Chapter 32

DOG: 0.1–0.2 mg/kg IV/IM; max = 2.5 mg

Vertigo

Chapter 106

DOG: 1 mg/kg PO SID

Amphetamine toxicosis

Chapters 122, 128

0.05–1 mg/kg IV/IM/SC, with caution

■ Acetylsalicylic acid (Aspirin)**Antithrombic, antiprostaglandin effects**

Chapters 10, 18

DOG: 10 mg/kg PO BID

CAT: 6–15 mg/kg PO q 48–72 h

Acetylsalicylic acid (Aspirin) (continued)

Glomerulonephritis

Chapter 47

DOG: 0.5 mg/kg PO SID–BID

Musculoskeletal pain, inflammation

Chapters 24, 78, 79

DOG: 10–25 mg/kg PO BID–TID

CAT: 6 mg/kg PO q 48–72 h

Antipyretic, analgesic, ocular effects

Chapters 70, 71, 84, 96, 97, 101

DOG: 5–10 mg/kg PO SID–BID

CAT: 3–6 mg/kg PO q 48–72 h

■ **Acitretin (Soriatane)**

Keratinization defects, sebaceous adenitis, keratoacanthoma

Chapters 82, 85, 88, 91

DOG: 0.5–1 mg/kg PO SID

■ **Aclarubicin**

Myelodysplastic syndrome

Chapter 65

DOG: 5 mg/m² IV SID × 5 days

■ **Actinomycin D (Cosmegen)**

Chemotherapy

Chapter 70

DOG: 0.5–0.9 mg/m² IV slowly q 3 wk

■ **Activated charcoal (Actidose-Aqua, Requa)**

Gastrointestinal adsorbent

Chapters 122–130

1–2 g/5 ml water: give 10 ml of slurry/kg PO

■ **Aglepristone (Alizine) (not available in USA)**

Mammary fibroadenomatous hyperplasia

Chapter 59

10 mg/kg SC SID × 4–5 days

■ Albendazole

Paragonimus, capillariasis, giardiasis

Chapters 18, 47, 114

25–50 mg/kg PO BID × 7–14 days

■ Albuterol (Ventolin, Proventil)

Bronchodilator

Chapters 16, 17, 132

DOG: 0.02–0.05 mg/kg PO BID–TID

■ Allopurinol (Zyloprim)

Urate urolithiasis

Chapters 47, 49

DOG: 10–15 mg/kg PO BID × 30 days, then 5–7 mg/kg
PO SID

Leishmaniasis

Chapters 84, 114

DOG: 15 mg/kg PO BID, with meglumine antimonate

■ Alprazolam (Xanax)

FUS

Chapter 49

CAT: 0.1–0.2 mg PO SID–BID

Certain behavioral disorders

Chapters 116, 117

DOG: 0.01–1.0 mg PO PRN; max = 4 mg/day

CAT: 2.5–5.0 mg PO SID–BID

■ Altrenagest (Regumate)

Hypoluteoidism

Chapter 60

DOG: 0.088 mg/kg PO SID

■ Aluminum hydroxide (ALternaGEL, Amphojel)

Phosphate binder

Chapters 47, 79, 123

10–30 mg/kg PO BID–TID with meals

■ **Amikacin (Amikin, Amiglyde-V)**

Serious infections, endocarditis, osteomyelitis, sepsis

Chapters 9, 31, 79, 110

DOG: 5–15 mg/kg IM/IV/SC SID–TID or 20–30 mg/kg
IV SID

CAT: 10 mg/kg IM/SC/IV TID

Gastroenteritis

Chapter 32

6–8 mg/kg IV SID

■ **Aminocaproic acid (Amicar)**

Degenerative myelopathy

Chapter 24

DOG: 500 mg PO TID

■ **Aminophylline (Aminophyllin, Somophyllin)**

Bronchodilator

Chapters 9, 17, 18, 132

DOG: 6–11 mg/kg IM/SC/PO TID

CAT: 4–6 mg/kg PO/IM/IV BID

■ **Amitraz (Mitaban)**

Demodicosis, sarcoptic mange

Chapter 87

DOG: 5.3 ml/gal water; dip wet dog and air-dry
q 7–14 days × 3–6 Rx

■ **Amitriptyline HCl (Elavil, Amitriptyline)**

Certain behavioral disorders, FUS

Chapters 49, 116, 117

DOG: 1–2 mg/kg PO BID

CAT: 2.5–5 mg PO SID–BID

Acral lick granuloma, allergic dermatitis

Chapters 86, 89

DOG: 0.5–2 mg/kg PO BID

CAT: 0.625–1.25 mg PO SID

Amlodipine (Norvasc)

Hypertension, vasodilator

Chapters 9, 47

DOG: 0.05–0.25 mg/kg PO SID

CAT: 0.625–1.25 mg/cat PO SID

Ammonium chloride (NH₄Cl)

Urinary acidifier

Chapters 122, 123, 128

DOG: 100–200 mg/kg/day PO dd TID–QID

CAT: 20 mg/kg PO BID

Amoxicillin (Amoxidrops, Amoxitabs)

Routine infections

Chapters 27, 30, 34, 85

10–20 mg/kg PO/SC/IV BID–TID

Amoxitabs

Serious infections

Chapters 33, 51, 60, 84, 101, 111, 112

20–22 mg/kg PO/SC/IV/IM BID–TID

Amoxicillin/clavulanic acid (Clavamox)

Various bacterial infections

Chapters 9, 16, 18, 27, 79, 84, 85, 100, 101, 111, 112

12–22 mg/kg (amoxicillin) PO BID–TID

Amphetamine SO₄ (Adderall)

CNS stimulation during certain toxicoses,
chlorpromazine overdose

Chapters 122, 128

DOG: 1–4 mg/kg SC PRN

Amphotericin B (Fungizone)

Systemic mycoses, protothecosis

Chapters 14, 32, 100, 109

DOG: a) 0.25–0.50 mg/kg in 0.5–1 L 5% D/W IV over
6–8 hr; QOD to total dose of 8–10 mg/kg or BUN
and creatinine levels rise

Amphotericin B (Fungizone) (continued)

b) 0.5–0.8 mg/kg diluted in saline and dextrose SC
2–3 times weekly (cryptococcosis)

CAT: 0.25 mg/kg IV QOD to total dose of 5–8 mg/kg

Amphotericin, liposomal (Avelcet)

Leishmaniasis, systemic mycoses

Chapters 32, 100, 109, 114

DOG: 1–3 mg/kg IV QOD to total dose of 12–24 mg/kg

Ampicillin (Omnipen, Polycillin, Polyflex)

Various infections, leptospirosis

Chapters 9, 24, 27, 31–33, 47, 60, 100–101, 110–112

22 mg/kg PO TID or 11–22 mg/kg IV/SC/IM TID–QID

Amprolium (Corid)

Coccidiosis

DOG: 200 mg in food or water PO SID × 7–10 days

CAT: 60–100 mg in food or water PO SID × 5 days

Antidiuretic hormone

See Desmopressin acetate

Apomorphine

Induction of vomiting

Chapter 122

DOG: 0.04 mg/kg IV or 0.08 mg/kg IM/SC or crush small
amount into conjunctival sac

Ascorbic acid (vitamin C)

Reduction of methemoglobin (acetaminophen
toxicity)

Chapters 122, 124, 128

30 mg/kg PO/SC QID × 7 Rx

Ehlers-Danlos syndrome

Chapter 82

DOG: 500 mg PO BID

■ **Asparaginase (Elspar)**

Lymphosarcoma, lymphocytic leukemia, mastocythemia

Chapters 67, 70

DOG: a) 10,000 IU/m² IM weekly in a protocol

b) 400 IU/kg IM/SC weekly in a protocol

c) 20,000 IU/m² SC in a protocol

CAT: 400 IU/kg IM/SC/IP in a protocol

■ **Atenolol (Tenormin)**

Supraventricular tachycardia

Chapters 6, 7, 9, 10, 41

DOG: a) 0.2–1 mg/kg PO SID–BID

b) 6.25–25 mg/dog PO BID

CAT: 6.25–12.5 mg/cat PO SID–BID

Hypertension

Chapter 47

2 mg/kg PO SID–BID

■ **Atipamezole**

Amitraz toxicity

Chapter 87

DOG: 0.05 mg/kg IM q 30 min PRN

■ **Atracurium besylate (Tracrium)**

Paralytic agent

Chapter 134

DOG: 0.3–0.5 mg/kg IV loading dose, then

4–9 µg/kg/min IV

■ **Atropine SO₄**

Sinus bradycardia, SA block, AV block

Chapters 7, 8, 74

0.01–0.04 mg/kg IM/SC/IV PRN

Atropine response test

Chapter 7

0.04 mg/kg IM

Atropine SO₄ (continued)

Preanesthetic

0.02–0.04 mg/kg SC/IM

Hypersialism

Chapter 28

0.02–0.04 mg/kg SC PRN

Cholinergic toxins

Chapters 122, 124, 129

0.2–0.5 mg/kg; give one fourth of dose IV, the rest SC/IM

■ **Auranofin (Ridaura)**

Autoimmune skin diseases

Chapter 89

DOG: 0.1–0.2 mg/kg PO BID

■ **Aurothioglucose (Solganal)**

Plasmacytic stomatitis and pododermatitis, immune-mediated arthritis

Chapters 27, 78, 85

Test dose of 1–5 mg IM, then 1 mg/kg IM weekly until remission, then biweekly or monthly

Pemphigus complex

Chapter 89

Test dose of 1 mg IM, then 1 mg IM weekly (<10 kg) or 5 mg IM weekly (>10 kg)

■ **Azathioprine (Imuran)**

Pulmonary eosinophilic diseases

Chapter 18

DOG: 2 mg/kg PO SID × 7–10 days, then QOD

Refractory acquired myasthenia gravis

Chapter 25

DOG: 2 mg/kg PO SID–QOD

Lymphocytic/plasmacytic, eosinophilic stomatitis, gastritis or enteritis

Chapters 27, 30, 32

DOG: 1–2.5 mg/kg PO SID–QOD

CAT: 0.2–0.3 mg/kg PO SID–QOD

Chronic active hepatitis, glomerulonephritis

Chapters 34, 47

DOG: 1–2.5 mg/kg PO SID–QOD

Perianal fistula

Chapter 36

DOG: 50 mg PO SID

Immune hemolytic anemia, myelofibrosis

Chapters 63, 65

DOG: 2 mg/kg PO SID $\times$ 7–10 days, then 1 mg/kg PO SID–QOD

Immune thrombocytopenia

Chapter 66

DOG: a) 2 mg/kg PO SID, taper to 0.5–1 mg/kg PO QOD

b) 50 mg/m² PO SID, taper to 25 mg/m² PO QOD

Immune skin diseases, SLE, sterile pyogranulomas, cutaneous histiocytosis

Chapters 74, 75, 85, 89, 91

DOG: 2.2 mg/kg or 50 mg/m² PO SID–QOD

Rheumatoid and immune-mediated arthritis

Chapter 78

DOG: 2 mg/kg PO SID $\times$ 14–21 days, then QOD

Blepharitis, episcleritis, anterior uveitis, ligneous conjunctivitis

Chapters 93, 94, 96, 97

DOG: 2 mg/kg PO SID, then taper

Immune polymyositis, masticatory myositis, chorioretinitis

Chapters 80, 100, 101

DOG: 2 mg/kg PO SID, eventually taper

Azithromycin (Zithromax)

Campylobacter, Helicobacter, cryptosporidiosis

Chapters 32, 114

DOG: 5–10 mg/kg PO SID–BID

CAT: 7–15 mg/kg PO BID $\times$ 5–7 days

Baclofen (Lioresal)

Functional urethral obstruction

Chapter 50

DOG: 1–2 mg PO TID

BAL

See Dimercaprol

Benazepril (Lotensin)

Hypertension

Chapters 9, 47

DOG: 0.25–0.5 mg/kg PO SID–BID

Benzimidazole

Trypanosomiasis

5 mg/kg PO SID × 2 mo

Betamethasone (Celestone)

Pannus, episcleritis

Chapter 96

DOG: 1–2 mg subconjunctivally

Betaxolol 0.5% (Betoptic)

Selective β -blocker for glaucoma

Chapter 98

Apply 1 drop to affected eye twice daily

Bethanechol (Urecholine)

Bladder atony, dysautonomia

Chapters 50, 103

DOG: 2.5–10.0 mg SC TID or 5–25 mg PO BID–TID

CAT: 1.5–5 mg PO SID–TID

Bisacodyl (Dulcolax)

Stool softener

DOG: 10 mg PO SID PRN

CAT: 5 mg PO SID PRN

Bismuth (Pepto-Bismol)

GI tract protectant, *Helicobacter*

Chapters 30, 32, 33, 111

DOG: 0.25–2 ml/kg PO TID–QID

■ **Bleomycin (Blenoxane)**

Chemotherapy

DOG: 10 mg/m² IV/SC SID × 4 days, then 10 mg/m² weekly to max dose 200 mg/m²

■ **Bovine hemoglobin**

See Oxyglobin

■ **Bretylium (Bretylium)**

Ventricular fibrillation

Chapter 8

DOG: 5 mg/kg IV; repeat in 5 min

■ **Brinzolamide 1% (Azopt)**

Glaucoma

Chapter 98

1 drop to affected eye BID–TID

■ **Bromocriptine (Bromocriptine mesylate)**

Galactorrhea

Chapters 59, 60

DOG: 20–30 µg/kg PO SID × 2–16 days

■ **Buprenorphine (Buprenex)**

Analgesia

Chapters 31, 70, 132

DOG: 0.005–0.15 mg/kg IV/IM/SC TID–QID

CAT: 5–10 µg/kg IM/IV/SC BID–TID or 3–5 µg/kg IV in normal saline BID

■ **Buspirone (BuSpar)**

Anxiolytic drug

Chapters 86, 116, 117

DOG: 1–2 mg/kg PO SID

CAT: 5–10 mg/cat PO BID–TID

■ **Busulfan (Myleran)**

Chronic granulocytic leukemia

Chapter 65

DOG: 4 mg/m² or 0.1 mg/kg PO SID

■ **Butorphanol tartrate (Torbutrol, Torbugesic)**

Cough suppressant

Chapters 16, 17, 112

DOG: 0.5–1 mg/kg PO BID–QID

Preanesthetic

0.05 mg/kg IV or 0.4 mg/kg SC/IM

Analgesia, sedation, restraint

Chapters 3, 4, 15, 24, 31, 35, 37, 69, 70, 79, 132, 133

DOG: 0.1–0.2 mg/kg IV or 0.2–0.4 mg/kg SC/IM q 2–6 h

CAT: 0.1–0.8 mg/kg IM/SC q 4–6 h

Analgesia

Chapters 49, 101

CAT: 1 mg PO SID–BID

■ **Cabergoline (Galastop, Dostinex)**

Induce estrus

Chapter 60

DOG: 5 µg/kg PO SID × 7–10 days

Decrease milk production, galactorrhea

Chapters 59, 60

DOG: 1.5–5.0 µg/kg PO SID × 2–8 days

■ **Calcitonin (Calcimar)**

Hypercalcemia, cholecalciferol toxicosis

Chapters 71, 122, 123

DOG: 4–6 IU/kg SC/IM q 2–12 h

■ **Calcitriol (Rocaltrol)**

Hypocalcemia

Chapter 42

5–15 ng/kg PO SID

Chronic renal failure

Chapters 47, 79

1–3 ng/kg PO SID

Seborrhea in cocker spaniels

Chapter 88

DOG: 10 ng/kg PO SID

■ **Calcium carbonate (Caltrate, Tums, Calcet)**

Hypocalcemia, eclampsia

Chapters 42, 60

100–150 mg/kg PO dd BID–TID or 1–3 g/day PO

■ **Calcium chloride**

Ventricular asystole from hyperkalemia

Chapter 8

10% soln: 0.2 ml/kg IV

■ **Calcium EDTA (Versenate)**

Lead and zinc poisoning

Chapters 122, 127

100 mg/kg/day × 5 days = total dose; make soln of 1 g versenate/100 ml 5% D/W, divide total quantity milliliters into 20 aliquots, give 1 dose SC QID × 5 days

■ **Calcium gluconate (Calcet, Ca gluconate injection)**

Ventricular asystole, atrial standstill

Chapters 7, 8

10% soln: 0.4–1.0 ml/kg IV PRN

Hypocalcemia, hyperkalemia

Chapters 42, 44, 47, 60

10% soln:

a) 0.5–1 ml/kg IV up to 10 ml in 5% D/W over 20–30 min; may repeat at 6- to 8-hr intervals

b) 20 mg/kg IV infusion in 5% D/W at 22 ml/kg q 8 hr

Tab: 150–250 mg/kg PO BID–TID

Eclampsia, dystocia

Chapter 60

a) 30–100 mg/kg/day PO

b) 0.2–0.4 ml/kg IM/SC

c) 1–10 ml IV to effect

■ **Calcium lactate (Calcet, Calphosan)**

Hypocalcemia

Chapter 42

130–200 mg/kg PO TID

■ **Captan powder 50% (Orthocide)**

Dermatomycoses

Chapter 84

Mix 2 tbsp/gal water, use topically twice weekly; do not rinse after applying

■ **Captopril (Capoten)**

Vasodilator, congestive heart failure

Chapter 9

DOG: 0.5–2 mg/kg PO BID–TID

■ **Carboplatin (Paraplatin)**

Chemotherapy, in a protocol

Chapters 27, 70, 79

LARGE DOG: 250–300 mg/m² IV q 3 wk

SMALL DOG: 10 mg/kg IV q 3 wk

CAT: 150 mg/m² IV q 3 wk

■ **Carprofen (Rimadyl)**

Analgesia

Chapters 70, 101

DOG: 2 mg/kg PO BID

Musculoskeletal pain or inflammation

Chapters 78, 79

DOG: 2.2 mg/kg PO BID

Anterior uveitis

Chapters 96, 97

DOG: 2 mg/kg PO BID

■ **L-Carnitine (Tyson)**

Nutritional supplement, cardiomyopathy

DOG: 100 mg/kg PO BID or 220 mg/kg/day IV

CAT: 50–100 mg/kg/day PO

■ Carteolol 1% (Ocupress)

Nonselective topical β -blocker for glaucoma

Apply 1 drop to affected eye BID

■ Cefadroxil (Cefa Tabs, Duricef)

Serious infections

Chapter 85

20 mg/kg PO BID

■ Cefazolin sodium (Ancef, Kefzol)

Serious infections, endocarditis

Chapters 9, 110

15–30 mg/kg IV/IM TID–QID

Dental surgery

Chapter 27

20–25 mg/kg IV, 1 hr before surgery

Acute abdomen syndrome, osteomyelitis, sepsis

Chapters 35, 37, 79

20 mg/kg IV/IM/SC TID–QID

■ Cefotaxime (Claforan)

Meningitis

Chapter 24

DOG: 20–40 mg/kg IV/IM/SC TID–QID

■ Cefoxitin sodium (Mefoxin)

Resistant or serious infections

Chapters 32, 36, 110, 112

DOG: 15–30 mg/kg SC/IM/IV TID–QID

CAT: 22 mg/kg IV TID–QID

■ Ceftiofur (Naxcel)

Resistant or serious infections

DOG: 2 mg/kg SC SID

■ Cephalexin (Keflex)

Staphylococcus diskospondylitis, stomatitis

Chapters 24, 27

DOG: 22 mg/kg PO/IM/SC TID

Cephalexin (Keflex) (continued)

Borreliosis

Chapter 78

DOG: 22 mg/kg PO TID

Serious infections

Chapters 18, 31, 36, 51, 79, 82, 84, 85, 93, 100, 101

20–30 mg/kg PO/SC/IM/IV BID–TID

Charcoal, activated (Requa, Actidose-Aqua)

Adsorbent during poisonings

Chapters 122–128

Mix 1 g charcoal in 5 ml water, give 10 ml slurry/kg PO

Chlorambucil (Leukeran)

Lymphoplasmacytic stomatitis

Chapter 27

DOG: 1–2 mg/m² PO QOD

CAT: 0.25–0.33 mg/kg PO q 3 days

Inflammatory bowel disease

Chapter 32

CAT: 1.5 mg/m² PO SID–QOD

Chronic lymphocytic leukemia

Chapter 64

DOG: a) 0.2 mg/kg PO SID

b) 15 mg/m² PO SID × 5 days, then q 3 wk

CAT: 2 mg PO QOD

Macroglobulinemia, mast cell tumor

Chapters 70, 75

DOG: 0.2 mg/kg PO SID × 10 days, then 0.1 mg/kg

PO SID, with prednisone

Immune-mediated skin disease

Chapters 85, 89

0.1–0.2 mg/kg PO SID–QOD, with prednisone

FIP

Chapter 110

CAT: 20 mg/m² PO every 2–3 wk

Chloramphenicol (Chloromycetin)

Bacterial rickettsial infections

Chapters 17, 52, 84, 100, 111–113

DOG: 25–50 mg/kg IV/PO TID

CAT: 25 mg/kg PO BID

Chlorazepate dipotassium (Tranxene-SD)

Anxiolytic drug

Chapter 116

DOG: 0.5–2.0 mg PO q 4–6 h PRN

Chlordiazepoxide–clidinium (Librax)

See Clidinium

Chlorothiazide (Diuril)

Partial ADH deficiency

Chapter 40

10–40 mg/kg PO BID

Chlorpheniramine (Chlor-Trimeton, Novahistine)

Urticaria, antihistamine, allergic skin disease

Chapter 89

DOG: 0.5 mg/kg PO BID–TID

CAT: 2–4 mg PO BID

Excessive grooming, self-trauma, eosinophilic granulomas

Chapters 85, 86

DOG: 4–8 mg PO BID; max = 0.5 mg/kg BID

CAT: 2–4 mg PO SID–BID

Chlorpromazine (Thorazine)

Antiemetic

Chapters 30, 32, 35, 37, 110

DOG: a) 0.1–2.2 mg/kg PO SID–QID

b) 0.25–0.5 mg/kg SC/IM SID–QID

c) 0.05–0.1 mg/kg IV TID–QID

CAT: 0.01–0.025 mg/kg IV TID–QID

■ **Chlorpropamide (Diabinese)**

Partial ADH deficiency

Chapter 40

DOG: 125–250 mg/day PO

■ **Cholestyramine (Questran)**

Short bowel syndrome, malabsorption

Chapter 32

DOG: 200–300 mg/kg PO BID

■ **Chorionic gonadotropin, human (HCG, Follutein, Profasi)**

Luteinize a follicular cyst

Chapters 54, 61

DOG: 500–1000 IU IM; repeat in 48 hr

CAT: 250–500 IU IM

Induce ovulation

Chapter 61

DOG: 500–1000 IU SC SID × 2 days, after FSH

CAT: 250 IU IM on days 1 and 2 of estrus

■ **Cimetidine (Tagamet)**

Esophagitis, gastric ulceration

Chapters 29, 37

DOG: 1–4 mg/kg PO/IV/IM TID–QID

Chronic gastritis, GI tract ulceration, EPI, enteric viruses

Chapters 30–32, 35, 110

DOG: 5–10 mg/kg PO/IV/IM TID–QID

CAT: 5 mg/kg PO/IV TID–QID

Chronic renal failure

Chapter 47

DOG: 4 mg/kg PO/IV/SC BID–TID

Effects of mast cell tumors

Chapters 71, 91

DOG: 4–6 mg/kg PO/IV/SC BID–QID

Protectant, with use of NSAIDs

Chapters 78, 128

DOG: 5–10 mg/kg PO TID

Ciprofloxacin (Cipro)**Osteomyelitis**

Chapter 79

DOG: 11 mg/kg PO BID

Cisapride (not available in USA)**Gastric motility disorders, megacolon**

Chapters 30, 33, 37

DOG: 0.1 mg/kg PO BID–TID or 2.5–5.0 mg PO TID

CAT: 0.3–0.5 mg/kg PO BID–TID or 2.5 mg PO BID–TID

Bladder atony

Chapter 50

DOG: 0.5 mg/kg PO TID

CAT: 1.25–5.0 mg/cat PO BID–TID

Cisplatin (Platinol)**Chemotherapy, in a protocol**

Chapters 19, 27, 41, 70, 79

LARGE DOG: 60–70 mg/m² IV with salineSMALL DOG: 50–60 mg/m² IV with saline

Clarithromycin (Biaxin)**Hepatozoonosis**

DOG: 5–10 mg/kg PO BID × 14–21 days

Clemastine (Tavist)**Antihistamine, allergic skin disease**

Chapter 89

DOG: 0.05–0.1 mg/kg PO BID

CAT: 0.67 mg/cat PO BID

Clidinium (Librax)**Irritable colon syndrome**

Chapter 33

DOG: 0.1–0.25 mg/kg PO BID–TID

■ **Clindamycin (Cleocin, Antirobe)**

Bronchiectasis

Chapter 17

DOG: 10–12.5 mg/kg PO BID

Protozoal polymyositis/neuritis

Chapters 25, 80

10 mg/kg PO TID–QID

Stomatitis, dental disease

Chapter 27

10 mg/kg PO BID

Toxoplasmosis, prostatitis, hepatozoonosis

Chapters 32, 52, 100, 114

10–20 mg/kg PO/IM BID × 3–6 wk

Babesiosis

Chapter 63

12.5 mg/kg PO BID

Osteomyelitis

Chapter 79

11 mg/kg PO/IM/IV BID–TID

Bacterial folliculitis, cellulitis

Chapter 84

10 mg/kg PO BID

■ **Clofazimine (Lamprene)**

Feline leprosy

Chapter 111

CAT: 8 mg/kg PO SID × 6 wk

■ **Clomiphene citrate (Clomid, Serophene)**

Antiestrogen agent, male infertility

DOG: 25 mg/kg PO SID

■ **Clomipramine (Anafranil)**

Certain behavioral, dermatologic disorders

Chapters 86, 116, 117

DOG: 1–3 mg/kg PO SID–BID, in a protocol

CAT: 0.5 mg/kg PO SID

■ Clorazepate dipotassium (Tranxene-SD)**Seizures**

Chapter 22

DOG: 2 mg/kg PO BID

CAT: 3.75 mg/cat PO BID

Anxiolytic drug

Chapter 116

DOG: 0.5–2 mg/kg PO q 4–6 h

■ Clotrimazole (Lotrimin, Mycelex)**Candidiasis, fungal rhinitis**

Chapters 14, 84

Apply topically as directed

■ Cloxacillin***Staphylococcus* diskospondylitis**

Chapter 24

10 mg/kg PO QID

■ CobalaminSee Vitamin B₁₂

■ Colchicine (Colchicine, ColBenemid)**Chronic hepatic fibrosis**

Chapter 34

DOG: 0.03 mg/kg PO SID

■ Cortisone acetate (Cortone acetate)**Hypoadrenocorticism**

1 mg/kg/day PO/IM

■ Coumarin (nonanticoagulant form)**Lymphedema**

Chapter 67

DOG: 400 mg/kg/day PO

Cyclophosphamide (Cytosan)

Pulmonary eosinophilic diseases

Chapter 18

DOG: 50 mg/m² PO QOD

Glomerulonephritis, granulomatous urethritis

Chapters 47, 51

DOG: 2.2 mg/kg or 50 mg/m² PO SID × 4 days/wk

Feline mammary cancer

Chapter 59

CAT: 50–100 mg/m² PO, in a protocol with doxorubicin

Immune thrombocytopenia (use with caution)

Chapter 66

DOG: 2 mg/kg or 50 mg/m² PO SID × 4 days/wk × 3–4 wk

Immune hemolytic anemia

Chapter 63

50 mg/m² or 2 mg/kg PO/IV SID × 4 days/wk

Lymphosarcoma, myeloproliferative disorders, multiple myeloma, as part of a protocol

Chapters 67, 70, 75

a) 50 mg/m² PO QOD–SID

b) 250–300 mg/m² PO/IV q 3 wk

Autoimmune skin diseases, SLE

Chapters 74, 89

DOG: 50 mg/m² PO SID × 4 days/wk or QOD

Rheumatoid, immune-mediated arthritis

Chapter 78

DOG: 1.5–2.5 mg/kg PO SID × 4 days/wk

Polymyositis

Chapter 80

1–2 mg/kg PO SID × 4 days/wk

FIP

Chapter 110

CAT: 2 mg/kg PO SID × 4 days/wk, with prednisone

Cyclosporine (Sandimmune, Neoral)

Feline allergic bronchitis

Chapter 17

CAT: 10 mg/kg PO BID

Perianal fistulas

Chapter 36

DOG: 5 mg/kg PO BID

Glomerulonephritis

Chapter 47

DOG: 15 mg/kg PO SID

Immune hemolytic anemia

Chapter 63

DOG: 10 mg/kg PO SID or dd BID

Sebaceous adenitis, unresponsive atopy

Chapters 85, 89

DOG: 5–10 mg/kg PO SID × 5 days, off 2 days, then
2.5–5 mg/kg PO SID × 5 days, then taper

Cyclosporine (Optimmune)

KCS, pigmentary keratitis, pannus, plasmoma of
third eyelid, immune conjunctivitis

Chapters 94–96

DOG: Apply ¼ in. to affected eye BID–TID

Cyproheptadine (Periactin)

Allergic bronchitis

Chapter 17

CAT: 2 mg PO BID

Appetite stimulant

Chapters 70, 71, 109

DOG: 3 mg/kg PO BID–TID

CAT: 1–2 mg/kg PO SID–BID

Cytosine arabinoside (Cytosar)

Lymphosarcoma, myeloproliferative disorders, as
part of a protocol

Chapter 70

100 mg/m²/day IV CRI × 4 days or 300 mg/m² SC BID ×
2 days

Dacarbazine (DTIC–Dome)

Chemotherapy

Chapter 70

DOG: 200 mg/m² IV SID × 5 days; repeat cycle q 3 wk

■ **Danazol (Danocrine)**

Immune hemolytic anemia, thrombocytopenia

Chapters 63, 66

DOG: 2–5 mg/kg PO BID–TID

■ **Dantrolene (Dantrium)**

Functional urethral obstruction

Chapter 50

DOG: 1–5 mg/kg PO BID–TID

CAT: 0.5–2 mg/kg PO TID or 1 mg/kg IV

Malignant hyperthermia

Chapter 80

DOG: 2–5 mg/kg IV once

■ **Dapsone (Avlosulfon)**

Feline mycobacteriosis

Chapter 111

CAT: 1 mg/kg PO TID–QID × 4–6 wk

Familial vasculopathy, cutaneous vasculitis,
subcorneal pustular dermatosis

Chapters 82, 85, 89

DOG: 1 mg/kg PO TID × 14 days, then taper

CAT: 1 mg/kg PO SID; use with caution

■ **Deferoxamine (Desferal)**

Iron toxicity

Chapter 127

40 mg/kg IM QID or 15 mg/kg/hr IV (with caution) ×
1–2 days

■ **Dehydrocholic acid (Decholin)**

Cholangitis, cholelithiasis

DOG: 15 mg/kg PO TID until urine negative for bilirubin

■ **Delmadinone acetate (Tardak) (not available in USA)**

Galactorrhea

Chapter 59

DOG: 1–1.5 mg/kg SC

■ **Demeclocycline (Declomycin)**

Inappropriate ADH secretion

Chapter 71

DOG: 3–6 mg/kg PO SID–BID

■ **L-Deprenyl (Anipryl)**

Hyperadrenocorticism

Chapter 44

DOG: 1 mg/kg PO SID

Cognitive dysfunction

Chapter 116

DOG: 1–2 mg/kg PO SID

■ **Desmopressin acetate (DDAVP)**

Central diabetes insipidus

Chapters 40, 46

DOG: 2–3 drops BID–TID intranasally, conjunctivally

von Willebrand's disease

Chapter 66

DOG: 1 µg/kg SC 90 min prior to surgery

■ **Desoxycorticosterone pivalate (DOCP, Percorten pivalate)**

Hypoadrenocorticism

Chapter 44

DOG: 1–2 mg/kg IM/SC q 25–28 days

CAT: 12.5 mg IM q 21–28 days

■ **Dexamethasone NaPO₄ (Dexate)**

Anti-inflammatory

Chapters 15, 17, 101

0.2–1.0 mg/kg IV/SC/PO SID–BID

Feline allergic bronchitis

Chapter 17

CAT: 0.2–2.2 mg/kg IV/IM

Hydrocephalus

Chapter 23

0.05 mg/kg PO BID, taper to QOD

Dexamethasone NaPO₄ (Dexate) (continued)

Spinal cord trauma

Chapter 24

1–2 mg/kg IV

Shock, anaphylaxis, CPR

Chapters 8, 31, 44, 74

1–4 mg/kg IV slowly

Hypercalcemia

Chapters 42, 123

0.1–0.2 mg/kg IV/SC BID or 0.25 mg/kg SC QID

Juvenile cellulitis

Chapter 85

DOG: 0.2 mg/kg PO SID

Immune-mediated skin diseases

Chapter 89

CAT: 0.2–0.4 mg/kg PO SID, then taper

Cerebral edema

Chapters 134, 135

0.25–2 mg/kg IV, then 0.25–1 mg/kg SC TID–QID in tapering doses

Dextran 40 or 70 (Rheomacrodex)

Shock

Chapters 8, 31, 37, 131

DOG: 10–20 ml/kg IV or 2 ml/kg/hr IV infusion

CAT: 5–10 ml/kg IV slowly

Burns, heat prostration

Chapters 133, 134

20 ml/kg/day IV in 5% D/W

Dextrose 50%

Hypoglycemia, insulin overdosage

Chapters 37, 44, 45

1–2 ml/kg PO or 0.25–1 ml/kg IV

Diazepam (Valium)

Restraint, pain relief

Chapters 3, 4, 8

DOG: 0.2–0.6 mg/kg IV

CAT: 0.1–0.2 mg/kg IV

Seizures

Chapters 22, 110

CAT: 2.5 mg PO TID; max = 7.5 mg PO TID

Rectal administration:

DOG: 1–3 mg/kg; max = 2 mg/kg/dose if on phenobarbital

CAT: 0.5 mg/kg

Status epilepticus, certain toxicoses

Chapters 22, 110, 122–130

a) 0.5–1 mg/kg IV in increments of 5–20 mg, to effect

b) **DOG:** 0.2–0.5 mg/kg/hr IV in 0.9% NaCl CRI

c) **CAT:** 0.3 mg/kg/hr IV in 0.9% NaCl CRI

Acquired tremors

Chapter 23

0.25 mg/kg PO TID–QID

Scotty cramps

Chapter 23

0.5 mg/kg PO TID

Preanesthetic

Chapter 31

DOG: 0.25–0.50 mg/kg IV slowly, with ketamine, oxymorphone, hydromorphone

Sedation

Chapters 37, 80, 134

DOG: a) 0.5–2.2 mg/kg PO PRN

b) 0.5 mg/kg IV to effect

CAT: 0.2–0.6 mg/kg IV

Functional urethral obstruction, FUS

Chapters 49, 50

DOG: 2–10 mg PO SID–QID

CAT: 1–2.5 mg PO SID–QID or 0.5 mg/kg IV

Appetite stimulant

Chapter 71

CAT: 0.05–0.15 mg/kg IV SID–QOD or 1 mg PO SID

Urine marking, anxiety, psychogenic alopecia

Chapter 86

DOG: 0.25–1.1 mg/kg PO BID

CAT: 0.2 mg/kg PO BID

Vertigo

Chapter 106

DOG: 0.1–0.2 mg/kg PO SID–BID

Diazepam (Valium) *(continued)*

Certain behavioral disorders

Chapters 116, 117

DOG: 0.5–2.0 mg/kg PO q 4–6 h PRN

CAT: 1–2 mg/cat PO SID–BID

■ **Diazoxide (Proglycem)**

Hypoglycemia

Chapters 45, 71

DOG: 5–13 mg/kg PO BID–TID; max = 40 mg/kg/day

■ **Dichlorphenamide (Daranide)**

Glaucoma

DOG: 2–4 mg/kg PO BID–TID

CAT: 1 mg/kg PO BID–TID

■ **Diclofenac 0.1% (Voltaren)**

Anterior uveitis

Chapter 97

Apply 1 drop to affected eye BID–QID

■ **Dicyclomine (Bentyl)**

Decrease bladder contractility

Chapter 50

DOG: 10 mg PO TID

■ **Diethylcarbamazine (Filaribits)**

Heartworm prophylaxis

Chapter 12

DOG: 6.6 mg/kg PO SID

■ **Diethylstilbestrol (DES, Stilphostrol)**

Hormone-responsive incontinence

Chapter 50

DOG: 0.1–1 mg PO SID × 5 days, then q 5–14 days

Induce estrus

Chapter 60

DOG: 5 mg PO SID × 6–9 days

Digoxin (Lanoxin)

Congestive heart failure, supraventricular tachyarrhythmias

Chapters 7, 9, 10

DOG: 0.005–0.01 mg/kg PO BID or 0.22 mg/m² PO BID

CAT: 0.005–0.008 mg/kg PO QOD–SID or 0.031 mg PO QOD–SID

Digoxin immune Fab (Digibind)

Digoxin toxicity

Chapter 7

DOG: 40 mg IV (over 30 min) per mg digoxin ingested

Dihydratichysterol (DHT Tablets)

Hypocalcemia

Chapter 42

0.02 mg/kg/day PO × 3 days, then 0.01–0.02 mg/kg PO SID–QOD

1,25-Dihydroxyvitamin D₃

See Calcitriol

Diltiazem (Cardizem)

Hypertrophic cardiomyopathy, supraventricular tachyarrhythmias

Chapters 7, 9, 10

DOG: 0.5–1.5 mg/kg PO TID

CAT: 1.5–2.4 mg/kg PO BID–TID

Dimenhydrinate (Dramamine)

Motion sickness

DOG: 25–50 mg PO SID–TID

CAT: 12.5 mg PO SID–TID

Dimercaprol (BAL)

Arsenic toxicosis

Chapters 122, 127

3–5 mg/kg IM QID × 5 days

■ **Dimethyl sulfoxide 40% (DMSO)**

Spinal cord trauma

Chapter 24

DOG: 1 g/kg IV in 5% D/W SID × 3–4 days

■ **Diminazene aceturate (Berenil) (not available in USA)**

Babesiosis, trypanosomiasis

Chapter 63

DOG: 3.5 mg/kg IM once

■ **Diocetyl sulfosuccinate (Colace, Surfak, Docusate)**

Stool softener

Chapter 33

SMALL DOG, CAT: 25 mg PO SID–BID

MEDIUM/LARGE DOG: 50–100 mg PO SID–BID

■ **Diosmin**

Lymphedema

DOG: 3 g/day PO

■ **Diphenhydramine HCl (Benadryl)**

Rhinitis

Chapter 14

DOG: 2–4 mg/kg PO TID

Counteract effects of mast cell tumors

Chapters 71, 91

1 mg/kg IM BID–TID or 2–4 mg/kg PO TID

Anaphylaxis, urticaria, angioneurotic edema

Chapter 74

1–2 mg/kg IM/IV slowly

Antipruritic, allergic skin disease

Chapter 89

DOG: 2 mg/kg PO/IM BID–TID

Nicotinic receptor overload

Chapters 122, 124

DOG: 1–4 mg/kg PO TID

■ **Diphenoxylate HCl (Lomotil)**

Acute colitis, irritable colon syndrome

Chapter 33

DOG: 0.05–0.1 mg/kg PO TID–QID

CAT: 0.063 mg/kg PO TID

Antidiarrheal

DOG: 2.5 mg PO BID–QID

CAT: 0.6–1.2 mg PO BID–TID

■ **Diphenylthiocarbazone (Dithizone)**

Thallium toxicosis

Chapter 122

50–70 mg/kg PO TID

■ **Disodium EDTA**

See EDTA

■ **Dobutamine HCl (Dobutrex)**

Inotropic agent

Chapters 8, 74, 131, 134

DOG: 2–25 µg/kg/min IV infusion

CAT: 1–2 µg/kg/min IV infusion

Pulmonary hypertension

Chapter 18

DOG: 5–7 µg/kg/min IV

■ **Dopamine HCl (Inotropin)**

Inotropic agent

Chapters 8, 31, 131, 134

2–25 µg/kg/min IV infusion

Pulmonary hypertension

Chapter 18

DOG: 5–7 µg/kg/min IV

Renal vasodilator: acute renal failure

Chapters 47, 134

1–10 µg/kg/min IV infusion in 5% D/W

■ **Dorzolamide 2% (Trusopt)**

Glaucoma

Chapter 98

1 drop to affected eye BID–TID

■ **Doxapram (Dopram)**

Respiratory stimulant

5–10 mg/kg IV

■ **Doxepin (Sinequan)**

Acral lick dermatitis

Chapter 86

DOG: 3–5 mg/kg PO BID; max = 150 mg BID

CAT: 0.5–1.0 mg/cat PO SID–BID

■ **Doxorubicin (Adriamycin)**

Chemotherapy

Chapters 41, 59, 67, 70, 79

DOG: a) 25–30 mg/m² IV in 150 ml 5% D/W q 2–9 wk;
max cumulative dose = 180 mg/m²

b) **SMALL DOG:** 1 mg/kg IV slowly

CAT: a) 20–30 mg/m² IV q 3 wk; max cumulative dose =
50 mg/m²

b) 1 mg/kg IV slowly

■ **Doxycycline (Vibramycin, Doryx)**

**Rickettsial infections, leptospirosis, tuberculosis,
borreliosis, hepatozoonosis**

Chapters 16, 17, 27, 47, 63, 66, 78, 100, 111–114

DOG: Acute disease: 5–10 mg/kg PO/IV BID × 10–14 days

Chronic disease: 10 mg/kg PO SID × 7–21 days

CAT: 2.5–5 mg/kg PO BID

Erosive polyarthrititis

Chapter 78

DOG: 10 mg/kg PO BID

■ **Edrophonium Cl (Tensilon, Enlon)**

Tensilon test

Chapter 25

DOG: 0.2–5 mg IV; max = 5 mg

PUPPIES: 0.1–0.5 mg IV

■ **EDTA, disodium 1%**

Calcium keratopathy

Chapters 95, 96

1 drop topically BID–TID

■ **Eicosapentanoic acid**

See Essential fatty acids

■ **Enalapril (Enacard, Vasotec)**

Hypertension, heart failure, valvular insufficiency

Chapters 9, 10, 47

DOG: 0.25–0.5 mg/kg PO SID–BID

CAT: 0.25–0.5 mg/kg PO SID–QOD

■ **Enilconazole (not available in USA)**

Nasal aspergillosis

Chapter 14

Administer 5% solution topically × 2–3 Rx

■ **Enrofloxacin (Baytril)**

Intracranial infections

Chapter 23

CAT: 5 mg/kg PO BID × 14 days

Diskospondylitis, prostatitis, osteomyelitis

Chapters 24, 52, 79

DOG: 5–15 mg/kg PO BID

Sepsis

Chapter 31

DOG: 10–20 mg/kg IV SID

Enrofloxacin (Baytril) (continued)

Resistant infections, mycoplasmal or leptospiral infections

Chapters 16, 24, 32, 47, 84, 100, 110–112

DOG: 2.5–5 mg/kg PO/SC/IV BID

CAT: 1–2.5 mg/kg PO BID

Rickettsial infections

Chapter 113

DOG: 3–5 mg/kg PO/IM BID × 7–14 days

■ **Ephedrine (Mudrane GG, Quadrinal)**

Bronchodilator

DOG: 5–15 mg PO BID–TID

CAT: 2–5 mg PO BID–TID

Urethral sphincter incompetence

Chapter 50

DOG: 1.2 mg/kg PO TID

CAT: 2–4 mg PO TID

■ **Epinephrine (Adrenalin)**

Cardiac arrest

Chapter 8

1:10,000 soln: 0.1 ml/kg IV/IO or 0.2–0.4 ml/kg IT

Anaphylaxis

Chapter 74

1:10,000 soln:

At site: 0.2–0.5 ml SC/IM

IV: 0.5–1 ml; repeat in 30 min

Maximum: 2 ml/dose

■ **Epsiprantel (Cestex)**

Dipylidium, Taenia

Chapters 32, 33

DOG: 5 mg/kg PO

CAT: 2.5 mg/kg PO

■ **Ergocalciferol**

See Vitamin D₂

■ **Erythromycin (E-Mycin, Ilotycin)**

Campylobacter, salmonellosis, mastitis, prostatitis

Chapters 32, 52, 111, 112

DOG: 8–40 mg/kg PO BID–TID

CAT: 10–15 mg/kg PO TID

Gastric motility disorders, megacolon

Chapters 30, 33

DOG: 0.5–1.0 mg/kg PO TID

Bacterial folliculitis

Chapter 84

10–15 mg/kg PO TID

■ **Erythropoietin (Epogen)**

Anemia from renal failure

Chapters 47, 63

50–150 U/kg SC 2–3 times/wk PRN

Myelodysplastic disorders

Chapter 65

DOG: 100 U/kg SC QOD × 10 days

■ **Esmolol (Brevibloc)**

Supraventricular tachycardia

Chapter 7

250–500 µg/kg slowly IV or CRI of 50–200 µg/kg/min IV

■ **Essential fatty acids**

Atopy, fatty acid deficiency

Chapters 89, 90, 120

DOG: Dermcaps: 1 cap/10–20 kg or 1 ml/10 kg PO SID

EFA-2 plus: 2.5 ml/5 kg PO SID

Pet-Tabs/FA granules: 1 tsp/5 kg PO SID

■ **Ethacrynate sodium (Edecrin)**

Diuretic: pulmonary edema

0.2–0.4 mg/kg IV/IM q 4–12 h

■ **Ethambutol (Myambutol)**

Tuberculosis

DOG: 15 mg/kg PO SID

■ **Ethanol 20%**

Ethylene glycol toxicosis

Chapters 122, 127

DOG: 5.5 ml/kg IV q 4 h × 5 Rx, then q 6 h × 4 Rx

CAT: 5 ml/kg IV q 6 h × 5 Rx, then q 8 h × 4 Rx

■ **Etidronate disodium (Didronel)**

Hypercalcemia

Chapters 42, 71

DOG: 10–30 mg/kg/day PO/IV × 1–2 Rx

■ **Etodolac (Etogesic)**

Musculoskeletal pain or inflammation

Chapters 78, 79

DOG: 10–15 mg/kg PO SID

■ **Famotidine (Pepcid)**

Gastric irritation or ulcers, esophagitis, enteric viruses

Chapters 15, 17, 29–34, 37, 47, 91, 110

DOG: 0.5–1 mg/kg PO/SC SID–BID

■ **Felbamate (Felbatol)**

Seizures

Chapter 22

DOG: 20 mg/kg PO TID; max = 3000 mg/day

■ **Fenbendazole (Panacur)**

Oslerus, Capillaria, Aelurostrongylus

Chapters 14, 16, 18, 47

DOG: 50 mg/kg PO SID × 3–30 days

CAT: 25 mg/kg PO BID × 3–10 days

Hookworms, whipworms, roundworms, *Taenia*

Chapters 32, 33

DOG: 50 mg/kg (1 ml/2 kg) PO SID × 3 days; repeat in 3 wk

***Paragonimus*, pancreatic flukes**

Chapters 18, 35

DOG: 50 mg/kg PO SID $\times$ 3–6 days

CAT: 30 mg/kg PO SID $\times$ 3–6 days

***Crenosoma vulpis*, *Giardia canis*, trichomoniasis**

Chapter 114

DOG: 50 mg/kg PO SID $\times$ 3–7 days

■ **Fentanyl transdermal patch (Duragesic)**

Analgesia

Chapters 70, 79

DOG: 3–5 μ g/kg q 3 days

■ **Fentanyl**

Pain control

Chapter 37

DOG: 3 μ g/kg IV, then CRI of 3–6 μ g/kg/hr IV

CAT: 3 μ g/kg IV, then CRI of 1–5 μ g/kg/hr IV

■ **Ferric cyanoferrate (Prussian blue)**

Thallium toxicosis

Chapter 122

100 mg/kg PO TID

■ **Ferrous sulfate (Feosol, Iberet)**

Dietary iron supplement, iron deficiency anemia

Chapter 63

DOG: 100–300 mg PO SID

CAT: 50–100 mg PO SID

■ **Finasteride (Propecia)**

Benign prostatic hyperplasia

Chapter 52

DOG: 5 mg PO SID

■ **Fipronil (Frontline, Topspot)**

Ear mites

Chapter 87

Apply 2 drops in each ear; repeat in 2 wk

Fipronil (Frontline, Topspot) (continued)

Sarcoptic mange, cheyletiellosis, trombiculiasis

Chapter 87

Apply topically 1–2 Rx, 2–4 wk apart

Flea adulticide

Chapter 87

Apply topically once monthly as directed

■ **Fluconazole (Diflucan)**

Fungal rhinitis, cystitis and stomatitis, systemic mycoses

Chapters 14, 27, 32, 49, 100, 109

DOG: 1.25–2.5 mg/kg PO/IV BID or 2.5–5.0 mg/kg PO SID

CAT: 50 mg PO BID or 2.5–5 mg/kg PO/IV SID

■ **Flucytosine (Ancobon)**

Cryptococcus

Chapters 14, 49, 109

DOG: 25–50 mg/kg PO QID

CAT: 100 mg PO QID

■ **Fludrocortisone (Florinef)**

Hypoadrenocorticism

Chapter 44

0.02 mg/kg/day PO

■ **Flunixin meglumine (Banamine)**

Acral lick dermatitis

Chapter 86

DOG: mix 3 ml in one bottle Synotic, apply topically
BID–TID

Antiprostaglandin effects for ocular disease

DOG: 0.5 mg/kg IV SID–BID × 1–2 Rx

Shock

Chapter 131

DOG: 1 mg/kg IV once

CAT: 0.5 mg/kg IV once

■ **5-Fluorouracil (Efudex)**

Colonic adenocarcinoma, in a protocol

DOG: 150 mg/m² IV once weekly

■ **Fluoxetine (Prozac)**

Certain behavioral, dermatologic disorders

Chapters 86, 116, 117

DOG: 1 mg/kg PO SID

CAT: 0.5 mg/kg PO SID

■ **Fluoxymesterone (Android F, Halotestin)**

Testosterone responsive dermatosis

DOG: 0.5 mg/kg PO QOD × 12 wk; max = 30 mg/day

■ **Flurbiprofen 0.03% (Ocufen)**

Anterior uveitis

Chapter 97

Apply topically BID–QID to affected eye

■ **Folic acid (Feosol Plus)**

Dietary supplement, folate deficiency

Chapters 32, 63

DOG: 1–5 mg/day PO/SC or 4–10 µg/kg/day PO, then weekly

CAT: 2.5 mg/day PO

Supplement to pyrimethamine

1 mg/day PO

■ **Follicle-stimulating hormone (FSH-p; pregnant mare serum, PMS)**

Male hypogonadism

DOG: 25 mg SC once weekly or 1 mg/kg IM QOD

Induction of estrus

DOG: 20 IU/kg SC SID × 10 days, then 500 IU HCG SID × 2 days

CAT: FSH-p = 2 mg IM SID × 5 days

■ **Furazolidone (Furoxone)**

Giardia, coccidia

Chapters 32, 114

4–10 mg/kg PO SID–BID × 5–7 days

■ **Furosemide (Lasix, Salix)**

Diuresis: heart failure

Chapters 8–10

DOG: 2–4 mg/kg IV/IM/SC BID–QID, then taper to 1–2 mg/kg PO SID–BID

CAT: 1–3 mg/kg IV/IM/SC BID–TID, then taper

Diuresis: pulmonary edema

Chapters 18, 132

DOG: 2–4 mg/kg IV/IM/PO q 4–12 h

CAT: 0.5–2 mg/kg IV TID

Hydrocephalus, brain edema

Chapter 23

DOG: 1–2 mg/kg PO BID

Diuresis: ascites from hepatic failure

Chapter 34

0.25–0.5 mg/kg PO/SC SID–BID

Diuresis: hypercalcemia

Chapters 42, 71, 123

1–2 mg/kg IV/IM/SC/PO BID–TID

Hypertension

Chapter 47

1 mg/kg PO SID–BID

Institute diuresis in acute renal failure, certain toxicoses

Chapters 47, 122, 134

2–6 mg/kg IV TID PRN or 0.1–1.0 mg/kg/hr IV

■ **Gabapentin (Neurontin)**

Seizures

Chapter 22

DOG: 10–20 mg/kg PO TID

Gallium nitrate**Hypercalcemia**

Chapter 71

DOG: 2.5 µg/kg IV SID × 5 days

Gamma globulin, human (Iveegam)**Immune hemolytic anemia**

Chapter 63

DOG: 0.5–1.5 g/kg IV over 12 hr

Gentamicin (Gentocin)**Serious bacterial infections, osteomyelitis**

Chapters 9, 24, 31, 79, 110, 111

5–6 mg/kg IV/SC/IM SID

Glipizide (Glucotrol)**Feline diabetes mellitus**

Chapter 43

CAT: 2.5–5 mg PO BID

Glucagon (Glucagon)**Induce gastric hypomotility**

Chapter 4

DOG: 0.1–0.35 mg IV

CAT: 0.1 mg IV

Transient improvement in hypoglycemia

Chapters 45, 71

DOG: a) 0.03 mg/kg IV/IM/SC

b) 50 ng/kg IV once, then CRI of 10–40 ng/kg/min IV

Glucose 40% ophthalmic ointment**Corneal edema, nonhealing erosions**

Chapter 96

Apply 1/8 in. topically 2–6 times daily

Glycerin**Acute glaucoma**

Chapter 98

DOG: 1–2 g/kg PO × 1–2 Rx

■ **Glyceryl guaiacolate (Geocolate)**

Muscle relaxation during certain toxicoses

Chapters 122–129

110 mg/kg IV PRN

■ **Glyceryl monoacetate**

Sodium fluoroacetate toxicosis

Chapter 122

0.55 mg/kg IM hourly to 2–4 mg/kg

■ **Glycopyrrolate (Robinul)**

Sinus bradycardia, heart block

Chapter 7

0.005–0.01 mg/kg IV/IM or 0.01–0.02 mg/kg SC PRN

Hypersialism

Chapter 28

0.01 mg/kg SC PRN

Preanesthetic

0.01–0.02 mg/kg SC/IM

■ **Gonadotropin-releasing hormone (Cystorelin)**

Luteinize an ovarian follicular cyst

Chapters 54, 61

DOG: 50–100 µg IM SID × 1–3 Rx

CAT: 25 µg IM

Stimulate descent of inguinal testis

DOG: 50–100 µg IV/SC weekly for 2 Rx

Poor libido in male dogs

Chapter 60

DOG: 1–2 µg/kg IM 1 hour before breeding

Induce ovulation

Chapters 57, 61

DOG: 50 µg IV or 2.2 µg/kg IM

CAT: 25 µg IM after mating or before artificial insemination

Granulocyte colony-stimulating factor (Neupogen)

Neutropenia

Chapters 64, 73

2.5–10.0 µg/kg/day SC × 3–5 days

Griseofulvin (Fulvicin, Grisactin)

Dermatomycoses

Chapter 84

Microsized: 10–30 mg/kg PO BID × 12 wk

Ultramicrosized: 2.5–5.0 mg/kg PO SID–BID × 12 wk

Growth hormone (Protropin, Bovine GH)

Pituitary dwarfism

Chapter 40

DOG: 0.1 IU/kg SC SID 3 days/wk × 4–6 wk

Adult hyposomatotropism

Chapter 88

DOG: 0.15 IU/kg SC twice weekly for 6 wk

Halothane (Fluothane)

Anesthesia

Induction: 3%

Maintenance: 0.5–1.5%

Heparin

Arterial thromboembolism, thrombophlebitis

Chapters 10, 18

DOG: 200 U/kg IV, then 75–200 U/kg SC TID–QID

CAT: 100 U/kg SC TID

DIC

Chapters 37, 63, 133, 134

75–100 U/kg SC/IV TID–QID or 150–200 U/kg SC QID

Hetastarch (Hespan)

Shock, hypoproteinemia, CPR

Chapters 8, 32, 37, 110, 131, 133, 134, 136

DOG: 10–20 ml/kg/day IV

CAT: 10–15 ml/kg IV

■ **Human gamma globulin**

See Gamma globulin, human

■ **Hydralazine (Apresoline)**

Vasodilator: heart failure

Chapter 9

DOG: 0.5–2 mg/kg PO BID

CAT: 2–5 mg PO BID

Hypertension

Chapter 47

DOG: 0.5 mg/kg PO BID

CAT: 2.5 mg PO BID

Acute arterial thromboembolism

DOG: 0.5–2 mg/kg PO/IM BID

CAT: 2.5 mg PO BID

■ **Hydrochlorothiazide (HydroDiuril)**

Diuretic: pulmonary edema

Chapter 9

2–4 mg/kg PO SID–BID

Nephrogenic diabetes insipidus

Chapter 40

0.5–1.0 mg/kg PO BID

Hypoglycemia

Chapter 71

DOG: 2–4 mg/kg PO BID, with diazoxide

Hypertension

Chapter 47

DOG: 0.5–5 mg/kg PO BID

CAT: 1–2 mg/kg PO BID

■ **Hydrocodone bitartrate (Hycodan)**

Cough suppressant, acral lick dermatitis

Chapters 15–17, 86, 112

DOG: 0.22 mg/kg PO BID–QID

Feline compulsive disorders

Chapter 117

CAT: 1.25–2.5 mg PO SID–BID

Hydrocortisone sodium succinate (Solu-Cortef)

Shock

10 mg/kg IV

Feline asthma

CAT: 1–3 mg/kg IV

Hydrogen peroxide 3%

Emetic

Chapter 122

1.5 ml/kg PO × 1–2 Rx

Hydromorphone (Dilaudid, Hydromorphone)

Preanesthetic, sedation

Chapters 15, 17, 31

DOG: 0.05–0.2 mg/kg IV

Analgesic

Chapters 31, 37, 79

DOG: 0.1–0.2 mg/kg IV

CAT: 0.02–0.1 mg/kg IV

Hydroxyethyl starch

See Hetastarch

Hydroxyurea (Hydrea)

Primary polycythemia, thrombocytosis

Chapters 63, 70

DOG: a) 15 mg/kg PO SID until PCV normalizes

b) 80 mg/kg PO q 3 days

CAT: 25 mg/kg PO 3 times weekly

Eosinophilic leukemia

Chapter 65

CAT: 40 mg/kg/day PO × 7 days, then QOD, then q 3 days

Chronic granulocytic leukemia, basophilic leukemia

Chapter 65

DOG: a) 20–25 mg/kg or 0.5 g/m² PO BID × 4–6 wk, then 50 mg/kg PO twice weekly

b) 50 mg/kg PO SID × 14 days, then QOD, then q 3 days

■ **Hydroxyzine (Atarax)**

Antihistamine, allergic skin disease, urticaria

Chapters 86, 89, 93

DOG: 2.2 mg/kg PO BID–TID

CAT: 2.2 mg/kg PO BID

■ **Hyoscyamine (Levsin)**

Irritable bowel syndrome

Chapter 33

DOG: 0.003–0.006 mg/kg PO BID–TID

■ **Hypertonic saline (7.5%)**

Shock, CPR

Chapters 8, 31

4–5 ml/kg IV slowly; max = 10 ml/kg

Hyponatremia, severe

Chapter 71

5–20 ml/kg IV

■ **Idoxuridine 0.1% (Herplex)**

Ocular herpesvirus infection

Chapters 94, 96, 112

Apply topically 4–8 times daily

■ **Ifosfamide (Ifex)**

Lymphosarcoma

Chapter 70

DOG: 350–375 mg/m² IV, with mesna, q 2–3 wk

■ **Imidacloprid (Advantage)**

Flea adulticide

Chapter 87

Apply topically once monthly, as directed

■ **Imidocarb dipropionate (Imizol)**
(not available in USA)

Babesiosis, ehrlichiosis, cytanzoneosis,
hepatozoonosis

Chapters 63, 113, 114

DOG: 5–7.5 mg/kg IM/SC; repeat in 14 days

CAT: 2–5 mg/kg IM once; repeat in 14 days

■ **Imipenem (Primaxin)**

Septicemia

Chapter 32

DOG: 2–7 mg/kg IV/IM TID

■ **Imipramine (Tofranil)**

Urethral sphincter incompetence

Chapter 50

DOG: 5–15 mg PO BID or 0.5–1 mg/kg PO TID

CAT: 2.5–5 mg PO BID–TID

Acral lick dermatitis

Chapter 86

DOG: 2–4 mg/kg PO SID

■ **Insulin, NPH**

Diabetes mellitus

Chapter 43

0.5 U/kg SC BID

■ **Insulin, PZI**

Diabetes mellitus

Chapter 43

CAT: 0.5 U/kg SC BID

■ **Insulin, regular**

Diabetic ketoacidosis

Chapter 43

DOG: a) 0.2 U/kg IM then 0.1 U/kg IM hourly until
glucose > 250 mg/dl

b) 2.2 U/kg in 250 ml 0.9% NaCl IV as CRI

Insulin, regular (*continued*)

Hyperkalemia with cardiotoxicity

Chapters 44, 47

DOG: 0.05–0.25 U/kg IV with 1–2 g of glucose per unit

■ **Insulin, Ultralente**

Diabetes mellitus

Chapter 43

CAT: 0.5 U/kg SC SID

■ **Interferon, human recombinant (Alferon, Intron, Roferon-A)**

FeLV, FIP

Chapters 110, 112

CAT: 30 U PO SID on alternating weeks

Mycosis fungoides

Chapter 91

1.0–1.5 × 10⁶ U/m² SC 3 times weekly

■ **Iohexol (Omnipaque)**

Myelography

Chapter 4

0.3–0.45 ml/kg

■ **Iopamidol (Isovue-200)**

Myelography

Chapter 4

0.3–0.45 ml/kg

■ **Ipecac syrup**

Induce vomiting

Chapter 122

1–2 ml/kg PO

■ **Iprnidazole**

Giardiasis

DOG: 126 mg/L water PO ad libitum × 7 days

■ **Iron dextran (INFeD injection)**

Iron deficiency anemia

Chapter 63

DOG: 10–20 mg/kg SC

■ **Isoflurane (Forane, AErrane)**

Anesthesia

Induction: 4–5%

Maintenance: 1.5–2.5%

■ **Isoniazid (Rifamate, Rifater)**

Tuberculosis

10–20 mg/kg PO SID

■ **Isoproterenol (Isuprel)**

Bradycardia, heart block

Chapter 7

0.01–0.02 µg/kg/min IV as CRI of 0.2–0.5 mg in 250 ml
5% D/W

Feline asthma

CAT: 0.2 mg in 100 ml 5% D/W IV TID to effect or
0.004–0.006 mg IM q 30 min PRN

■ **Isosorbide dinitrate (Isordil)**

Vasodilator

Chapter 9

DOG: 0.2–1.0 mg/kg PO BID

■ **Isotretinoin (Accutane)**

Sebaceous adenitis or hyperplasia, schnauzer
comedo syndrome, spiculosis

Chapters 82, 85, 88, 91

DOG: 1–3 mg/kg PO SID–BID

CAT: 5–10 mg/day PO

Mycosis fungoides

Chapter 91

DOG: 3–4 mg/kg/day PO

CAT: 10 mg/day PO

■ Itraconazole (Sporanox)

Systemic mycoses, dermatophytosis, protothecosis, fungal stomatitis or otitis

Chapters 14, 27, 32, 84, 88, 100, 105, 106, 109

DOG: 5 mg/kg PO SID–BID × 2–12 mo

CAT: 5–10 mg/kg PO SID–BID

■ Ivermectin (Heartgard)

Heartworm prophylaxis

Chapter 12

DOG: 6–12 µg/kg PO once monthly

CAT: 24 µg/kg PO once monthly

Microfilaricide

Chapter 12

DOG: 50 µg/kg PO, repeat in 10 days

CAT: 24 µg/kg PO

Pneumonyssus, Capillaria, Oslerus, Strongyloides, Aelurostrongylus

Chapters 14, 16, 18, 32, 47

DOG: 0.2–0.3 mg/kg PO/SC; repeat in 3 wk (Do not use this dosage in collies or shelties.)

CAT: 0.2 mg/kg PO once

Intracranial *Cuterebra* infection

Chapter 23

0.4 mg/kg SC SID × 3 days (Not to be used in collies or shelties.)

Spirocercosis

DOG: 0.2 mg/kg PO once (Not to be used in collies or shelties.)

Cheyletiellosis; notoedric, otodectic, and sarcoptic mange; pediculosis

Chapters 87, 93

DOG: 0.2–0.3 mg/kg PO/SC; repeat in 2 wk (Not to be used in collies or shelties.)

CAT: 0.2–0.4 mg/kg SC; repeat in 2 wk (Not approved for use in cats.)

Demodicosis

Chapters 87, 93

DOG: 0.05 mg/kg PO on day 1, then increase by 0.05 mg/kg daily until reaching 0.4–0.6 mg/kg PO SID × 30 days (Do not use in collie-type, English, or Australian sheepdogs.)

Ivermectin 0.01% otic solution (Acarexx)
Ear mites

Chapter 87

Apply 0.5 ml twice, 2 wk apart

Kaolin/pectin (Kaopectate)
GI tract protectant

Chapters 122, 126

1–2 ml/kg PO BID–QID

Ketamine HCl (Ketaject, Ketamine)
Restraint

Chapters 3, 4

CAT: a) 0.2–0.6 mg/kg IV, with diazepam or acetylpromazine
b) 2–4 mg/kg IV

Anesthesia, sedation

DOG: 6–10 mg/kg IV

CAT: 22–33 mg/kg IM or 2.2–4.4 mg/kg IV

Preanesthetic

Chapter 31

DOG: 2.5–5.5 mg/kg IV, with diazepam

Ketoconazole (Nizoral)
Systemic, oral, and cutaneous mycoses; protothecosis; fungal otitis

Chapters 14, 27, 32, 84, 88, 100, 109

DOG: 5–15 mg/kg PO BID

CAT: 10–15 mg/kg PO SID–BID

Hyperadrenocorticism

Chapter 44

DOG: 7.5–15 mg/kg PO BID

Ketoconazole (Nizoral) (continued)

Malassezia otitis

Chapters 105, 106

DOG: 5–10 mg/kg PO SID

Leishmaniasis

10 mg/kg PO TID × 3 wk

■ **Lactulose (Enulose, Cholac)**

Hepatic encephalopathy, stool softener

Chapters 23, 33, 34

0.25–0.5 ml/kg (2–10 ml) PO TID–QID until feces are soft

■ **Latanoprost 0.005% (Xalatan)**

Glaucoma

Chapter 98

1 drop to affected eye SID–BID

■ **Levamisole (Ripercol, Tramisol)**

Oslerus, Capillaria

Chapters 14, 18

DOG: 8–10 mg/kg PO SID × 5–30 days

Recurrent bacterial folliculitis

Chapter 84

DOG: 2.2 mg/kg PO QOD

■ **Levobunolol 0.25%, 0.5% (Betagen)**

Nonselective β -blocker for glaucoma

Apply 1 drop to affected eye SID–BID

■ **Lidocaine**

Ventricular arrhythmias

Chapters 7, 8, 10, 31, 122

DOG: a) 1–4 mg/kg IV bolus up to a total dose of 8 mg/kg in 10 min

b) 25–80 μ g/kg/min IV as CRI

CAT: a) 0.25–0.75 mg/kg IV slow bolus

b) 10–40 μ g/kg/min IV as CRI

■ **Lime sulfur suspension (Lym Dip)**

Sarcoptic and notoedric mange, dermatophytosis, feline demodicosis

Chapters 84, 87

DOG: 1:20 dilution

CAT: 1:40 dilution (4 oz/gal water)

Dip, air-dry; repeat weekly × 6 wk

■ **Lime water**

Alkaline gastric lavage

Chapter 122

5 ml/kg PO

■ **Lincomycin (Lincocin)**

Mastitis

15 mg/kg PO TID × 21 days

Bacterial folliculitis, blepharitis

Chapters 84, 93

20 mg/kg PO BID

■ **Liothyronine, T₃**

See Triiodothyronine

■ **Lisinopril (Prinivil)**

Heart failure

Chapter 9

DOG: 0.5 mg/kg PO SID

■ **Lithium carbonate (Eskalith, Lithobid)**

Cyclic neutropenia, pancytopenia

Chapters 64, 73

DOG: 11 mg/kg PO SID–BID

Drug-induced thrombocytopenia

Chapter 66

DOG: 11 mg/kg PO BID

Refractory, inappropriate ADH secretion

Chapter 71

DOG: 25 mg/kg PO SID

■ **Lomotil (diphenoxylate HCl with atropine)**

Antidiarrheal

DOG: 2.5 mg PO BID–TID

■ **Lomustine (CeeNu)**

Brain tumors, mast cell tumor, lymphoma rescue

Chapter 70

DOG: 50–90 mg/m² PO q 4–6 wk

CAT: 50–60 mg/m² PO q 6 wk

■ **Loperamide (Imodium)**

Antidiarrheal, acute colitis

Chapters 32, 33

DOG: 0.08–0.2 mg/kg PO BID–QID

CAT: 0.04 mg/kg PO SID–BID; use with caution

■ **Lufenuron (Program)**

Dermatophytosis

Chapter 84

50–100 mg/kg PO q 14 days × 2 Rx, then once monthly

Flea growth inhibitor

Chapter 87

DOG: 10 mg/kg PO once monthly

CAT: 30 mg/kg PO once monthly

■ **L-Lysine**

Ocular herpesvirus

Chapters 94, 96, 112

CAT: 250–500 mg PO SID–BID

■ **Lysine-8 vasopressin (Diapid)**

Central diabetes insipidus

Chapter 40

1–2 sprays in each nostril SID–TID

■ **Magnesium hydroxide (Milk of Magnesia)**

Antacid for certain toxicoses

Chapter 127

1–15 ml PO SID–BID

■ **Magnesium sulfate**

Serum magnesium deficit

Chapter 43

1 mEq/kg/day IV

■ **Mannitol 20%**

Cerebral edema, acute renal failure, diuresis

Chapters 8, 23, 24, 47, 122, 134

0.5–1 g/kg IV slowly

Acute glaucoma

Chapter 98

0.5–2 g/kg IV slowly

■ **Meclizine (Bonine)**

Motion sickness, urticaria

Chapters 23, 106

DOG: 1–4 mg/kg PO SID or 0.5 mg/kg PO BID

CAT: 1–2 mg/kg PO SID

■ **Meclofenamic acid (Arquel)**

Degenerative joint disease

Chapter 78

DOG: 1.1 mg/kg PO SID × 4–7 days, then 0.5 mg/kg

■ **Medium-chain triglycerides (MCT Oil, Portagen)**

Chylothorax

1–2 ml/kg/day PO

Primary lymphangiectasis, EPI

Chapter 35

0.5–1 oz/10 kg PO dd TID–QID; max = 1 tbsp per meal
or 1–2.2 ml/kg/day PO with food

■ **Medroxyprogesterone acetate (Depo-Provera, Provera)**

Aggressive masculine behavior

DOG: 10 mg/kg IM/SC PRN

Medroxyprogesterone acetate (Depo-Provera, Provera) (continued)

Urine marking, anxiety, intraspecies aggression

CAT: 10–20 mg/kg SC/IM

■ **Megestrol acetate (Ovaban, Megace)**

Lymphoplasmacytic stomatitis, eosinophilic granuloma

Chapter 27

CAT: 0.25 mg/kg PO QOD × 3 doses, then 1–2 times/wk

Prostatic hyperplasia (not approved for this use)

Chapter 52

DOG: 0.55 mg/kg PO SID × 4 wk

Galactorrhea

Chapter 59

DOG: 2 mg/kg PO SID × 5 days

Refractory eosinophilic keratitis and conjunctivitis

Chapters 94, 96

CAT: 0.5 mg/kg/day PO × 7–14 days; use with caution

■ **Meglumine antimonate**

Leishmaniasis

Chapters 84, 114

DOG: 100–200 mg/kg IV/SC SID–QOD × 3–4 wk

■ **Melarsomine (Immiticide)**

Heartworm adulticide

Chapter 12

DOG: a) 2.5 mg/kg IM SID × 2 days

b) 2.5 mg/kg IM, wait 30 days, then give 2 more doses 24 hr apart

■ **Melatonin**

Canine pattern or flank alopecia

Chapter 83

DOG: 3–6 mg PO BID–TID × 4–6 wk

Alopecia X

Chapter 88

DOG: 3–6 mg PO BID–TID

■ **Methylprednisolone acetate (Depo-Medrol)**

Feline allergic bronchitis

Chapter 17

CAT: 10–20 mg IM q 2–8 wk

Eosinophilic ulcers and linear granulomas, lymphoplasmacytic stomatitis

Chapters 27, 85, 86

CAT: 2–4 mg/kg or 20–40 mg SC/IM q 2–6 wk × 2–6 Rx

Hypoadrenocorticism

Chapter 44

CAT: 10 mg IM q 3–4 wk

Tenosynovitis of biceps tendon

Chapter 80

DOG: 10–40 mg intrasynovially q 2 wk × 2 Rx

Allergic skin disease

Chapter 89

CAT: 20 mg SC/IM

Fibrous histiocytoma

Chapter 91

DOG: 10–40 mg sublesionally

Pannus, episcleritis, anterior uveitis

Chapters 96, 97

DOG: 4–8 mg subconjunctivally

■ **Methylprednisolone sodium succinate (Solu-Medrol)**

Cerebral and spinal trauma, fibrocartilaginous emboli

Chapters 23, 24

30 mg/kg IV, then 15 mg/kg IV 2 and 6 hr later, then 15 mg/kg IV QID × 2 days

■ **4-Methylpyrazole (Antizol-Vet)**

Ethylene glycol toxicosis

Chapters 122, 127

DOG: 20 mg/kg IV, then 15 mg/kg IV at 12 and 24 hr, then 5 mg/kg IV at 36 hr

■ **Methyltestosterone (Estratest, Android)**

Galactorrhea

Chapter 59

DOG: 1–2 mg/kg PO SID × 5–7 days; max = 25 mg/day

Testosterone-responsive dermatosis, alopecia X

Chapter 88

DOG: 0.5–1 mg/kg PO QOD; max = 30 mg/day

■ **Metipranolol 0.3% (OptiPranolol)**

Nonselective β -blocker for glaucoma

Apply 1 drop to affected eye BID

■ **Metoclopramide (Reglan)**

Gastric motility disorders, antiemetic

Chapters 29–35, 37, 110

DOG: 0.2–0.5 mg/kg PO/SC TID–QID or
0.01–0.08 mg/kg/hr IV infusion

CAT: 0.1–0.2 mg/kg PO TID or 0.01 mg/kg/hr IV as CRI

Gastric reflux

Chapters 15, 17, 29, 128

DOG: 0.2–0.4 mg/kg PO TID–QID

Dysautonomia

CAT: 0.3 mg/kg PO TID

■ **Metronidazole (Flagyl)**

Hepatic encephalopathy

Chapter 23

DOG: 7.5 mg/kg PO TID

Meningitis

Chapter 24

DOG: 10–20 mg/kg PO TID

Stomatitis

Chapter 27

15 mg/kg PO BID–TID, then taper to SID

Helicobacter

Chapters 30, 111

DOG: 15 mg/kg PO TID

CAT: 62.5 mg/day PO SID

■ **Mithramycin (Mithracin)**

Hypercalcemia

Chapter 71

0.1–0.2 µg/kg IV SID × 2 Rx

■ **Mitotane (Lysodren)**

Pituitary-dependent hyperadrenocorticism

Chapters 44, 88

DOG: 25–50 mg/kg/day PO SID × 5–10 days, then
q 4–7 days or PRN

Functional adrenocortical tumors

Chapter 70

DOG: 50–75 mg/kg PO dd BID initially, then
50–100 mg/kg/wk PO

■ **Mitoxantrone (Novantrone)**

Chemotherapy, in a protocol

Chapters 41, 70

DOG: 5.5–6 mg/m² IV q 3 wk

CAT: 5–6.5 mg/m² IV q 3 wk

■ **Modafinil (Profigil)**

Narcolepsy

Chapter 22

DOG: 1–5 mg/kg/day PO

■ **Morphine SO₄ (Duramorph)**

Supraventricular premature beats

Chapters 8, 9

DOG: 0.1–0.2 mg/kg IM/IV/SC PRN

Analgesia

Chapters 31, 37, 79, 105, 132, 133, 135

DOG: 0.2–0.5 mg/kg SC/IM q 4–6 h or 0.1 mg/kg IV
BID–QID

CAT: 0.05–0.1 mg/kg SC/IM BID

Spinal trauma

Chapter 24

DOG: 0.5–1.0 mg/kg IM/SC q 4–6 h

■ **Moxidectin (ProHeart-6)**

Heartworm prophylaxis

Chapter 12

DOG: 0.17 mg/kg SC every 6 mo

■ **Naloxone HCl (Narcan)**

Stereotypic behavior

DOG: 20 mg SC

Narcotic antagonist

Chapter 122

0.02–0.04 mg/kg IV

■ **Naltrexone (Trexan)**

Acral lick granuloma

Chapter 86

DOG: 2.2 mg/kg PO SID–BID

CAT: 2.2 mg/kg PO SID

■ **Nandrolone decanoate (Deca-Durabolin)**

Thrombocythemia

Chapter 65

CAT: 15 mg IM once

Anabolic effects, myelofibrosis

Chapters 65, 71

DOG: 1–5 mg/kg/wk IM; max = 200 mg

CAT: 10–20 mg/wk IM

■ **Natamycin 5% (Pimaricin)**

Ocular fungal infections

Chapter 96

Apply topically 3–8 times daily

■ **Neostigmine (Prostigmin)**

Myasthenia gravis

Chapter 25

DOG: 0.05 mg/kg IM TID–QID

■ **Niacinamide (Glutofac)**

Metatarsal fistulation, sterile pyogranulomas

Chapters 82, 85

DOG: 250–500 mg PO BID–TID, with tetracycline

Pemphigus, discoid lupus, episcleritis

Chapters 89, 96

DOG: 250–500 mg PO TID, with tetracycline

■ **Nicotinamide (niacin, nicotinic acid)**

Vacor toxicosis

Chapters 122, 123

50–100 mg IM × 2 wk

■ **Nifurtimox (Lampit) (not available in USA)**

Trypanosomiasis

DOG: 2 mg/kg PO QID × 3 mo

■ **Nitenpyran (Capstar)**

Flea adulticide

Chapter 87

DOG OR CAT: 2–25 lbs: 11.4 mg

DOG: 25–125 lbs: 57.0 mg

■ **Nitroglycerin 2% ointment (Nitro-Bid, Nitrol)**

Dilatative cardiomyopathy, heart failure

Chapter 9

DOG: 0.25–1 in. cutaneously q 4–6 h

CAT: 1/8–1/4 in. cutaneously QID

■ **Nitroprusside (Nipride, Nitropress)**

Vasodilator for acute congestive heart failure

Chapter 9

DOG: 1–10 µg/kg/min IV infusion

■ **Nizatidine (Axid)**

Constipation, megacolon

Chapter 33

CAT: 2.5–5 mg/kg PO SID

Nizatidine (Axid) (continued)

Gastric ulcers

DOG: 5 mg/kg PO SID

■ **Nystatin (Mycolog, Nilstat)**

Candidiasis

Apply topically BID–TID × 1–2 wk

■ **Octreotide acetate (Sandostatin)**

Glucagonoma, gastrinoma

Chapter 43

DOG: 10–40 µg/kg SC BID–TID

■ **Omeprazole (Prilosec)**

Reflux esophagitis, GI ulceration

Chapters 29, 30, 32, 37

DOG: 0.5–1.0 mg/kg PO SID, max = 20 mg

■ **Ondansetron (Zofran ODT)**

Antiemetic

Chapters 32, 37

DOG: 0.1–0.2 mg/kg SC TID

■ ***o,p'*-DDD**

See Mitotane

■ **Ormetoprim/sulfa (Primor)**

See Sulfadimethoxine/ormetoprim

■ **Oxacillin (Bactocill, Prostaphilin)**

Staphylococcus infections

Chapters 79, 84

20 mg/kg PO/IV/IM TID–QID

■ **Oxazepam (Serax)**

Appetite stimulant

Chapter 109

CAT: 2–3 mg PO SID–BID

■ **Oxytocin (Pitocin, Syntocinon)**

Uterine prolapse

Chapter 56

DOG: 5–10 U IM/SC once

Stimulate milk letdown

Chapter 59

DOG: a) Spray intranasally in the bitch 5–10 min before nursing

b) 2–20 IU SC/IM

CAT: 1–10 IU SC/IM

Uterine inertia

Chapters 60, 61

DOG: a) 2–10 U IM or IV infusion; may repeat in 30–60 min

b) 10 U in 5% D/W IV over 30 min

CAT: 1–3 U IM/SC; may repeat in 20–30 min

■ **Pamidronate (Aredia)**

Hypercalcemia

Chapter 42

DOG: 1.3 mg/kg in 0.9% NaCl IV over 2–4 hr

■ **Pancreatic enzymes (Viokase, Pancreazyme)**

Pancreatic exocrine insufficiency

Chapter 35

DOG: 1–2 tsp/20 kg with each meal until normal, then taper

CAT: 0.5 tsp/5 kg with food until normal, then taper

■ **Pancuronium bromide (Pavulon)**

Paralytic agent

Chapter 134

DOG: 0.04–0.1 mg/kg IV initially, then
0.06–0.1 mg/kg/hr IV

■ **Paromomycin (Humatin)**

Cryptosporidiosis, trichomoniasis

Chapters 32, 114

DOG: 125–165 mg/kg PO BID × 5 days

■ **Paroxetine (Paxil)**

Certain behavioral disorders

Chapter 117

CAT: 0.5 mg/kg PO SID–BID

■ **D-Penicillamine (Cuprimine)**

Copper hepatopathy

Chapter 34

DOG: 10–15 mg/kg/day PO

Cystine urolithiasis

Chapter 49

DOG: 15 mg/kg PO BID with food

Lead and zinc poisoning

Chapters 122, 127

DOG: 35–50 mg/kg/day PO dd QID × 7 days; wait 7 days, then repeat

■ **Penicillin, aqueous (K or Na)**

Meningitis, bacterial endocarditis

Chapters 9, 24

20,000–50,000 U/kg IV q 4–6 h

Actinomycosis, tetanus

Chapters 111, 126

a) 22,000 U/kg IV QID or 1,000,000 U intralesionally

b) 40 mg/kg PO TID

■ **Penicillin, procaine (Wycillin)**

Leptospirosis, actinomycosis

Chapter 47

20,000–50,000 U/kg IM/SC BID

■ **Pentamidine (phenamidine) isethionate (Pentam)**

Babesiosis

DOG: 15 mg/kg SC SID × 2 days

■ **Pentobarbital (Nembutal)**

Status epilepticus, strychnine and other toxicities

Chapters 22, 122, 123, 126

2–15 mg/kg IV or 5 mg/kg/hr IV to effect

Sedation

Chapter 134

0.2–1 mg/kg/hr IV

Anesthesia

10–30 mg/kg IV to effect

■ **Pentoxifylline (Trental)**

Dermatomyositis, contact dermatitis

Chapters 82, 89

DOG: 10 mg/kg PO BID–TID, with food

Cutaneous vasculitis

Chapter 89

DOG: 10–15 mg/kg PO QOD

Pneumocystis carinii

DOG: 4 mg/kg IM/SC × 2 wk

■ **Phenobarbital**

Antitussive

DOG: 2 mg/kg PO at bedtime

Seizures

Chapters 22, 23, 110

DOG: 1–2.5 mg/kg PO BID initially; some require up to 20 mg/kg/day

CAT: 2.5 mg/kg PO SID

Status epilepticus

Chapters 22, 122

a) 2–4 mg/kg IV repeated to effect; max = 20 mg/kg or ≤100 mg/min IV until serum level = 25 µg/ml (dogs) or 15 µg/ml (cats)

b) 2–10 mg/kg IM

Sedation

DOG: 1–2 mg/kg PO BID–TID

CAT: 1 mg/kg PO BID

Acral lick dermatitis, psychogenic alopecia

Chapter 86

2–6 mg/kg PO BID

■ **Phenoxybenzamine HCl (Dibenzylamine)**

Acute hypertension from pheochromocytoma

Chapter 44

DOG: 0.2–1.5 mg/kg PO BID

Functional urethral obstruction

Chapter 50

DOG: 0.25 mg/kg PO BID

CAT: 1.25–7.5 mg PO SID–BID

■ **Phenylbutazone (Butazolidin)**

Anti-inflammatory, arthritis

Chapter 78

8–10 mg/kg PO TID × 48 hr, then taper to lowest effective dose; max = 800 mg/day

■ **Phenylephrine (Neo-Synephrine)**

Vasopressor

Chapters 122, 128

DOG: 0.15 mg/kg IV

■ **Phenylpropanolamine HCl**

Urethral sphincter incompetence

Chapters 50, 116

DOG: 12.5–50 mg PO BID–TID or 1.5 mg/kg PO BID–TID

CAT: 1.5–2.2 mg/kg PO BID–TID

■ **Phenytoin (Dilantin)**

Ventricular arrhythmias

Chapter 122

DOG: 2–4 mg/kg IV in increments; max = 10 mg/kg

■ **Physostigmine (Antilirium)**

Muscarinic mushroom intoxication

Chapter 129

DOG: 0.02 mg/kg IM

Von Willebrand's disease, clotting factor deficiencies

Chapters 66, 69

6–20 mg/kg IV

Burns

Chapter 133

0.5 ml/kg × % body surface area burned

DIC

Chapters 69, 134

5–10 ml/kg IV

■ **Plicamycin**

See Mithramycin

■ **Polysulfated glycosaminoglycans (Adequan)**

DJD

Chapter 78

DOG: 5 mg/kg IM once weekly × 6–8 wk

■ **Potassium bromide**

Seizures

Chapters 22, 23

DOG: 20–40 mg/kg PO SID or divided BID with food

CAT: 30 mg/kg PO SID

■ **Potassium chloride, injectable**

Serum potassium deficit

Chapters 31, 32, 43

a) 2–10 mEq/kg/day added to IV fluids

b) 20–40 mEq added to each liter IV fluids

Hypokalemic polymyopathy

Chapter 80

0.4 mEq/kg/hr as 40–80 mEq KCl per liter IV fluids

■ **Potassium citrate (Citrolith)**

Chronic renal failure

Chapter 47

30 mg/kg PO BID

Potassium citrate (Citrolith) (continued)

Urine alkalization

Chapter 49

40–75 mg/kg PO BID

■ **Potassium gluconate (Tumil-K)**

Hypokalemia, hypokalemic polymyopathy

Chapters 47, 80, 120

CAT: 2–6 mEq PO SID–BID

■ **Potassium iodide (SSKI Solution)**

Sporotrichosis

Chapter 84

DOG: 40 mg/kg PO BID–TID

CAT: 10–20 mg/kg PO SID–TID

■ **Potassium permanganate (1:2000)**

Strychnine and nicotine toxicosis

Chapters 122, 123, 128, 129

5 ml/kg in gastric lavage

■ **Potassium phosphate**

Serum phosphate deficit

Chapter 43

0.03 mmol/kg/hr IV

■ **Pralidoxime Cl (2PAM, Protopam)**

Organophosphate toxicosis

Chapters 122, 124

20 mg/kg IV BID

■ **Praziquantel (Droncit, Drontal Plus)**

Tapeworms: *Taenia*, *Dipylidium*

Chapter 32

DOG: 0.5 tab/2.5 kg PO; max = 5 tab

CAT: 1.8 kg: 0.5 tab PO

2.3–5 kg: 1 tab PO

>5 kg: 1.5 tab PO

Pancreatic flukes

Chapter 35

CAT: 40 mg/kg PO SID × 3 days

Nanophyetus salminicola

Chapter 113

DOG: 10–30 mg/kg PO/SC once

Prazosin (Minipress)

Systemic hypertension

Chapter 47

DOG: 1 mg/10–15 kg PO SID–TID

Decrease urethral resistance

Chapter 50

DOG: 1 mg PO SID–BID

CAT: 0.25–0.5 mg PO SID–BID or 0.03 mg/kg IV

Prednisolone, prednisone (Deltasone)

Allergic bronchitis, asthma, heartworm disease

Chapters 12, 17

0.5–2 mg/kg IM/PO BID

Chronic bronchitis, tracheitis, laryngitis

Chapters 15–17

DOG: 0.1–0.2 mg/kg PO BID

Pulmonary eosinophilic infiltrates

Chapter 18

0.5–2 mg/kg PO BID

Acquired tremors

Chapter 23

DOG: 1–2 mg/kg PO BID

Hydrocephalus, syringomyelia

Chapter 23, 24

DOG: 0.25–0.5 mg/kg PO BID–QOD

Cerebral edema from brain or spinal tumors

Chapters 23, 24

0.5–1 mg/kg PO SID–BID, taper to QOD

Idiopathic/eosinophilic meningitis, granulomatous meningoencephalitis

Chapter 23

DOG: 1–2 mg/kg IM/PO BID, then taper

Prednisolone, prednisone (Deltasone) (continued)

Meningitis–arteritis

Chapter 24

DOG: 4 mg/kg/day PO $\times$ 7–14 days, then taper to
0.5 mg/kg PO QOD $\times$ 6 mo

Intervertebral disk disease, spondylopathy, cauda equina syndrome

Chapter 24

DOG: 0.5 mg/kg PO SID

Acquired myasthenia gravis

Chapter 25

DOG: 0.25 mg/kg PO initially; slowly increase to
2 mg/kg/day PO until remission, then taper to QOD

Relapsing or chronic inflammatory demyelinating neuropathy

Chapter 25

1–2 mg/kg PO BID

Eosinophilic ulcers, lymphoplasmacytic gingivitis

Chapters 27, 85

DOG: 1–2.2 mg/kg PO SID $\times$ 7 days, then taper dose to
QOD

CAT: 1–4 mg/kg PO BID

Plasmacytic/lymphocytic gastritis, enteritis

Chapters 30, 32

DOG: 1–2 mg/kg PO BID, taper dose weekly

CAT: 2–4 mg/kg/day PO, then taper

Eosinophilic gastritis, enteritis, colitis

Chapters 32, 33

1–3 mg/kg PO SID–BID, taper to QOD

Lymphocytic cholangitis, chronic active hepatitis, copper hepatopathy

Chapter 34

1 mg/kg PO BID, then taper

Perianal fistulas

Chapter 36

DOG: 2 mg/kg PO SID $\times$ 14 days, then taper

Hypercalcemia

Chapters 42, 71, 123

a) 1–3 mg/kg PO/SC SID–BID

b) 40 mg/m² PO BID

Hypoadrenocorticism, hypopituitarism

Chapters 40, 44

0.2–0.4 mg/kg PO SID–QOD

Hypoglycemia

Chapters 45, 71

0.25–2 mg/kg PO SID–BID

Urethritis, persistent hematuria

Chapters 49, 51

1 mg/kg PO SID–BID × 14 days, then taper

Immune hemolytic anemia, myelodysplastic syndrome

Chapters 63, 65

1–2 mg/kg/day PO dd BID

Mast cell tumors, mastocytosis

Chapters 70, 71, 91

DOG: 30–40 mg/m² PO SID × 4 wk, then QOD, or
1–2 mg/kg PO SID–BID

CAT: 40 mg/m² PO SID × 1 wk, then 20 mg/m² PO QOD

Immune thrombocytopenia

Chapter 66

2–3 mg/kg/day PO/IM dd BID, taper to 0.5–1 mg/kg PO
q 2–3 d

Lymphosarcoma, myeloproliferative disorders, eosinophilic leukemia

Chapters 64, 67, 70

a) 1–2 mg/kg PO SID, in a protocol

b) 30–40 mg/m² PO SID × 2–4 wk, then QOD, in a protocol

Angioneurotic edema, urticaria

Chapter 74

1–2 mg/kg PO/IM SID–BID

Immune skin diseases, SLE

Chapters 74, 89, 93

1–2 mg/kg PO BID until remission, then taper

Cutaneous histiocytosis, fibrous histiocytoma

Chapters 75, 91

DOG: 1–2 mg/kg PO BID

Multiple myeloma, macroglobulinemia

Chapter 75

0.5 mg/kg PO SID, in a protocol

Prednisolone, prednisone (Deltasone) (continued)

SLE or rheumatoid arthritis

Chapter 78

1–2 mg/kg PO SID–BID, taper to ≤ 1 mg/kg PO QOD

Panosteitis, hypertrophic osteopathy

Chapter 79

DOG: 0.25–0.5 mg/kg PO SID

Immune polymyositis, masticatory myositis, dermatomyositis

Chapters 80, 82, 101

1–2 mg/kg PO/IM SID–BID $\times$ 3–4 wk, then taper

Canine atopy, contact allergy, flea allergy, acanthosis nigricans, vasculitis

Chapters 82, 84, 89

DOG: 0.5 mg/kg PO BID $\times$ 5–10 days, then taper

CAT: 1–2 mg/kg PO SID $\times$ 5–10 days, then taper

Sterile pyogranulomas, panniculitis

Chapter 85

DOG: 2–4 mg/kg/day PO

CAT: 4 mg/kg PO SID

Juvenile cellulitis, sebaceous adenitis

Chapter 85

DOG: 2.2 mg/kg PO SID

Food allergy, parasite hypersensitivity

Chapter 89

0.5 mg/kg PO SID–BID, taper weekly

Blepharitis, episcleritis, uveitis, chorioretinitis, ligneous conjunctivitis, optic neuritis

Chapters 93, 94, 96, 97, 100

0.5–2 mg/kg PO BID, then taper

Otitis externa, media

Chapters 105, 106

0.5–2.2 mg/kg/day PO, taper over 7–21 days

FIP

Chapter 110

CAT: 2–4 mg/kg PO SID–BID, with cyclophosphamide

■ **Progesterone in oil**

Hypoluteoidism

Chapter 60

DOG: 2 mg/kg IM q 3 days

■ **Proligestone (Delvosteron) (not available in USA)**

Galactorrhea

Chapter 59

DOG: 20–30 mg/kg SC

■ **Promethazine (Phenergan)**

Antihistamine, urticaria

0.2–0.4 mg/kg PO TID–QID

■ **Propantheline bromide (Propantheline)**

Sinus bradycardia

Chapter 7

0.25–0.5 mg/kg PO BID–TID

Irritable colon syndrome

Chapter 33

DOG: 0.25 mg/kg PO BID–TID

Decrease bladder contractility

Chapter 50

DOG: 7.5–15 mg PO BID–TID

CAT: 5–7.5 mg PO QOD–TID

■ **Propofol (Rapinovet, Diprivan)**

Status epilepticus

Chapter 22

DOG: 4–8 mg/kg IV to effect or 8–12 µg/kg/hr IV as CRI

Seizures associated with liver disease

Chapter 34

DOG: 1 mg/kg IV bolus, then 0.1–0.25 mg/kg/min IV as CRI

Anesthesia

CAT: Induction: 7 mg/kg IV

Maintenance: 0.51 mg/kg/min IV

DOG: Induction: 2.5–3 mg/kg IV, with premedication

■ **Propranolol (Inderal)**

Ventricular arrhythmias

Chapters 7, 9

DOG: 0.01–0.10 mg/kg IV over 10 min or 0.2–1 mg/kg PO

BID–TID; max = 1 mg/kg/day PO

Tachyarrhythmias from endocrinopathies, certain toxicoses

Chapters 7, 41, 44, 129

DOG: 0.15–1.0 mg/kg PO TID or 0.01–0.1 mg/kg IV over 5–10 min

CAT: 2.5–5 mg PO BID–TID

Acquired tremors

Chapter 23

DOG: 1 mg/kg PO TID

Hypertrophic cardiomyopathy

CAT: ≤4.5 kg: 2.5 mg PO BID–TID

CAT: ≥5 kg: 5 mg PO BID–TID

Hypertension

Chapters 44, 47

DOG: 2.5–80 mg or 0.15 mg/kg PO BID–TID

CAT: 2.5–10 mg PO BID–TID

Hypoglycemia

Chapter 71

DOG: 10–40 mg PO TID

Certain behavioral disorders

Chapter 116

DOG: 5–10 mg PO BID–TID

■ **Prostaglandin F_{2α} (Lutalyse)**

Pyometritis, open

Chapters 56, 60, 61

DOG: 0.1–0.25 mg/kg SC SID–BID × 5–7 days

CAT: 0.1–0.25 mg/kg SC SID–TID

■ **Protamine sulfate (Protamine)**

Antagonist to heparin

Chapter 18

DOG: 1 mg per 100 U heparin to be inactivated

■ **Pseudoephedrine (Actifed, Sudafed)**

Rhinitis

Chapter 14

DOG: 15–50 mg PO BID–TID; max = 4 mg/kg

CAT: 2–4 mg/kg PO BID–TID

Retrograde ejaculation

Chapter 60

DOG: 4–5 mg/kg PO, 1 and 3 hr before breeding

■ **Psyllium (Metamucil, Alarmucil)**

Bulk laxative

DOG: 2–4 tsp PO PRN in food

CAT: 1–2 tsp PO SID–BID in food

■ **Pyrantel pamoate (Nemex, Strongid-T)**

Roundworms, hookworms

Chapter 32

5–10 mg/kg (1 ml/5–10 lbs) PO; repeat in 3 wk

■ **Pyridostigmine bromide (Mestinon)**

Myasthenia gravis

Chapter 25

DOG: 0.2–2 mg/kg PO BID–TID

■ **Pyridoxine HCl (vitamin B₆)**

Crimidine and ethylene glycol toxicosis

Chapters 123, 127

DOG: 20 mg/kg IV

■ Pyrimethamine (Daraprim)**Toxoplasmosis, neosporosis, hepatozoonosis**

Chapters 25, 80, 100, 114

DOG: 0.25–0.5 mg/kg PO SID–BID × 2–4 wk, with
sulfonamides

■ Pyriproxifen (Indorex)**Flea growth inhibitor**

Chapter 87

Apply topically once monthly, as directed

■ Quinacrine (Atabrine)*Giardia*

9–11 mg/kg PO SID × 6–12 days

**■ Quinidine, Q. gluconate (Quinaglute),
Q. polygalacturonate (Cardioquin), Q. sulfate
(Quinidex)****Ventricular arrhythmias**

Chapter 7

6–20 mg/kg IM/PO TID–QID

■ Ranitidine HCl (Zantac)**Esophagitis, gastric reflux, megacolon**

Chapters 29, 33

DOG: 2 mg/kg PO BID–TID**CAT:** 1–2 mg/kg PO BID**Chronic gastritis, GI tract ulceration, EPI, enteric
viruses**

Chapters 15, 17, 30–32, 35, 37, 71, 110, 128

DOG: 0.5–2.0 mg/kg IV/SC/PO BID–TID**CAT:** 0.5 mg/kg IV BID or 2.5 mg/kg PO BID**Hypergastrinemia from chronic renal failure**

Chapter 47

DOG: 1–2 mg/kg PO BID or 0.5 mg/kg IV/SC BID**Effects of mast cell tumors**

Chapter 91

0.5–2 mg/kg IV/PO BID

■ **Rifampin (Rifamate, Rifadin)**

Tuberculosis

Chapter 111

DOG: 10–20 mg/kg PO BID–TID

CAT: 5 mg PO SID

■ **Rutin**

Lymphedema, chylothorax

Chapters 19, 67

DOG: 50 mg/kg PO TID

■ **Safflower oil**

Mycosis fungoides

Chapter 91

DOG: 3 ml/kg PO mixed with food twice weekly

■ **SAMe (Denosyl)**

Chronic hepatitis

Chapter 34

DOG: 18 mg/kg PO SID

■ **Selamectin (Revolution)**

Heartworm prophylaxis

Chapter 12

6 mg/kg PO once monthly

Sarcoptic, notoedric, and otodectic mange

Chapters 87, 93

6–12 mg/kg topically q 2–4 wk × 1–3 Rx

Ear mites

Chapter 87

1–2 applications, 4 weeks apart

Flea adulticide

Chapter 87

Apply topically once monthly, as directed

■ **Selegiline**

See L-Deprenyl

■ **Sertraline (Zoloft)**

Certain behavioral disorders

Chapters 116, 117

DOG: 1 mg/kg PO SID

CAT: 0.5 mg/kg PO SID–BID

■ **Sodium bicarbonate**

CPR, atrial standstill

Chapters 7, 8

0.5–1 mEq/kg IV q 5–10 min

Severe acidemia

Chapter 31

1–2 mEq/kg IV

Hyperkalemia in acute renal failure

Chapter 47

0.5–2 mEq/kg IV over 20–30 min

Chronic renal failure

Chapter 47

15 mg/kg PO TID

Urine alkalization

Chapter 49

10–90 gr/day PO

Certain toxicoses

Chapters 122–129

50 mg/kg PO BID–TID

■ **Sodium chloride (salt tablets)**

Hypoadrenocorticism

1–5 g/day PO

■ **Sodium chloride 5% ophthalmic ointment (Muro 128)**

Corneal edema, nonhealing erosions

Chapter 96

Apply 1/8 in. topically 2–6 times daily

■ **Sodium chloride 7.5%**

See Hypertonic saline

■ **Sodium iodide, 20% solution**

Sporotrichosis

CAT: 0.5 ml/5 kg/day PO

■ **Sodium phosphate (K-Phos)**

Hypercalcemia

Dilute 1–3 g with water (1:1); give 10–20 ml PO

SID–TID until stools are soft

■ **Sodium stibogluconate (Pentostam)**

Leishmaniasis

Chapter 114

DOG: 30–50 mg/kg SC SID × 3–4 wk

■ **Sodium sulfate (GoLYTELY)**

Cathartic

Chapter 122

1 g/kg PO

■ **Sodium thiopental (Pentothal)**

Anesthesia

3–15 mg/kg IV to effect

■ **Somatostatin**

See Octreotide acetate

■ **Sorbitol 70% (Actidose with Sorbitol)**

Cathartic

Chapter 122

1–3 ml/kg PO

■ **Sotalol (Betapace)**

Atrial, ventricular tachycardia

Chapter 7

1–2 mg/kg PO BID

■ **Spironolactone (Aldactone)**

Diuretic: heart failure, hypertension

Chapters 9, 47

DOG: 1–2 mg/kg PO SID–BID

Primary hyperaldosteronism, noncirrhotic portal hypertension

Chapter 34

DOG: 1–2 mg/kg PO BID

CAT: 12.5 mg PO SID

■ **Stanozolol (Winstrol)**

Anabolic agent

Chapter 71

DOG: 1–4 mg PO BID

CAT: 1–2 mg PO BID

■ **Stilbestrol**

Hormone-responsive incontinence

Chapter 50

DOG: 0.04–0.06 mg PO SID × 1 wk, then taper to 0.01 mg/day

■ **Streptomycin (Streptomycin)**

Leptospirosis, endocarditis, tuberculosis

Chapters 18, 47

DOG: 10 mg/kg IM BID–QID

Brucellosis

Chapter 60

DOG: 20 mg/kg IM SID × 14 days

■ **Succimer (Chemet)**

Lead and arsenic poisoning

Chapters 122, 127

DOG: 10 mg/kg PO TID × 10 days

■ **Sucralfate (Carafate)**

Esophagitis, GI tract ulceration

Chapters 29, 30, 32, 37, 44, 78, 128

DOG: a) 0.5–1 g/25 kg PO BID–QID

b) 0.5–1 g crushed and mixed with 10 ml water;
give 5–10 ml slurry PO TID

CAT: 250–500 mg PO BID–TID

■ **Sulfadiazine (Sulfadiazine)**

See also Trimethoprim/sulfadiazine

Toxoplasmosis

Chapters 25, 100

30–50 mg/kg PO BID × 14 days, with pyrimethamine

■ **Sulfadimethoxine (Bactrovet, Albon)**

Coccidiosis

Chapters 32, 114

50 mg/kg PO SID once, then 25 mg/kg PO SID × 5–20 days

■ **Sulfadimethoxine/Ormetoprim (Primor)**

Bacterial folliculitis

Chapter 84

DOG: 27.5 mg/kg PO SID × 14 days

Coccidiosis

Chapter 114

DOG: 55 mg/kg PO SID × 7–23 days

■ **Sulfasalazine (Azulfidine)**

Chronic colitis

Chapter 33

DOG: 10–20 mg/kg PO TID; max = 3 g/day

CAT: 10 mg/kg PO SID–BID; use with caution

Cutaneous vasculitis, subcorneal pustular dermatosis

Chapters 85, 89

DOG: 10–20 mg/kg PO TID until remission, then taper

■ **Suprofen 1% (Profenal)**

Anterior uveitis

Chapter 97

Apply 1 drop to affected eye BID–QID

■ **Tamoxifen (Nolvadex)**

Mammary neoplasia

DOG: 0.42 mg/kg/day PO

■ **Taurine**

Dilatative cardiomyopathy

Chapters 10, 120

DOG: 500 mg PO BID–TID

CAT: 250–500 mg PO BID

Central retinal degeneration

Chapters 100, 120

CAT: 250–500 mg PO SID–BID

■ **Terbutaline (Brethine)**

Bronchodilator

Chapters 16, 17, 132

DOG: a) 0.625–2.5 mg PO BID–TID

b) 0.03 mg/kg PO TID

c) 0.01 mg/kg IM/SC TID–QID

CAT: a) 0.625 mg PO BID

b) 0.01 mg/kg IM/SC

■ **Terfenadine (Seldane)**

Antihistamine, allergic skin disease

DOG: 2.5–5 mg/kg PO BID

■ **Testosterone cypionate (Virilon)**

Hormone-responsive incontinence

Chapter 50

DOG: 200 mg IM monthly

■ **Testosterone, methyl**

See Methyltestosterone

■ **Testosterone propionate (in oil)**

Hormone-responsive incontinence

Chapter 50

DOG: 2 mg/kg SC/IM 3 times/wk

CAT: 5–10 mg IM PRN

Decrease milk production in pseudocyesis

Chapter 60

DOG: 0.5–1.0 mg/kg IM

Feline symmetrical alopecia

Chapter 83

CAT: 12.5 mg IM, with estrogen

Hormonal hypersensitivity

Chapter 89

DOG: 1 mg/kg IM once

■ **Tetanus antitoxin (equine)**

Tetanus treatment

Chapters 111, 126, 133

DOG: Give 0.2 ml SC as a test dose, watch for anaphylaxis
× 30 min; then give 30,000–100,000 U (100–1000
U/kg) IM/IV/SC once

■ **Tetracycline HCl (Achromycin V, Panmycin)**

Acute tracheobronchitis

Chapter 16

DOG: 15–20 mg/kg PO TID

CAT: 10 mg/kg PO TID

GI bacterial overgrowth, stomatitis

Chapters 27, 32

DOG: 10–22 mg/kg PO BID–TID

Brucellosis, chronic leptospirosis, borreliosis

Chapters 47, 60, 78

DOG: 10–20 mg/kg PO TID × 28 days

Rickettsial diseases

Chapters 63, 66, 100, 113

DOG: 20–22 mg/kg PO TID × 14–21 days

CAT: 15 mg/kg PO TID × 21 days

**Metatarsal fistulation, sterile pyogranulomas,
immune skin diseases**

Chapters 82, 85, 89

DOG: 250–500 mg PO BID, with niacinamide

Episcleritis

Chapter 96

DOG: 250–500 mg PO TID, with niacinamide

Tetramisole

***Oslerus* infestation**

DOG: 2 mg/kg SC × 2–4 Rx

Theophylline (Theolair, Aerolate)

Bronchodilator

Chapters 12, 16, 17, 18, 132

DOG: 1–2 mg/kg IV or 5 mg/kg PO TID–QID

CAT: 1–2 mg/kg IV or 4 mg/kg PO TID

Sustained release form:

DOG: 10–20 mg/kg PO BID

Theodur:

DOG: 10–20 mg/kg PO BID

CAT: 25 mg/kg PO SID at night

Slo-bid:

DOG: 25 mg/kg PO BID

CAT: 25 mg/kg PO SID at night

Thiabendazole (Mintezol)

Nasal aspergillosis

Chapter 14

DOG: 10 mg/kg PO BID

***Oslerus* infestation**

Chapter 16

DOG: 70 mg/kg PO BID × 2 days, then 35 mg/kg PO BID × 20 days

Thiacetarsamide (Caparsolate)

Heartworm adulticide

Chapter 12

DOG: 2.2 mg/kg IV BID × 2 days

■ **Tiletamine/zolazepam (Telazol)**

Short-duration anesthesia

DOG: 6–13 mg/kg IM

CAT: 9–12 mg/kg IM

■ **Timolol maleate 0.25%, 0.5% (Timoptic)**

Nonselective β -blocker for glaucoma

Chapter 98

Apply 1 drop to affected eye BID

■ **Tinidazole**

Giardiasis

DOG: 44 mg/kg PO SID $\times$ 3 days

■ **Tissue plasminogen activator, alteplase (Activase)**

Anterior chamber fibrinolytic

Chapter 97

0.1 ml of 250- μ g/ml solution intracamerally

■ **Tobramycin (Nebcin)**

Resistant *Pseudomonas* infections

DOG: 1 mg/kg SC/IM/IV TID

■ **Tocopherol**

See Vitamin A

■ **Tretinoin (Retin-A)**

Canine and feline acne, nasal hyperkeratosis

Chapter 88

Apply topically SID–QOD

■ **Triamcinolone (Vetalog)**

Feline plasmacytic pharyngitis, pododermatitis

Chapter 89

CAT: 2–4 mg PO SID–QOD or 0.4–0.6 mg/kg PO SID, then taper

Triamcinolone (Vetalog) (continued)

Anti-inflammatory effects

DOG: 0.05 mg/kg PO BID–TID

Pemphigus complex

Chapter 89

CAT: 0.4–0.8 mg/kg/day PO

■ **Triamcinolone suspension (Kenalog)**

Mast cell tumor

Chapter 91

2–4 mg intralesionally

Pannus, eosinophilic keratitis, episcleritis, uveitis

Chapters 96, 97

DOG: 4–8 mg subconjunctivally

CAT: 4 mg subconjunctivally

■ **Trientine (Syprine)**

Copper hepatopathy

Chapter 34

DOG: 10–15 mg/kg PO SID–BID

■ **Trifluridine 1% ophthalmic solution (Viroptic)**

Ocular herpesvirus infection

Chapters 94, 96

Apply topically 4–8 times daily

■ **Triiodothyronine, T₃ (Cytobin)**

Feline symmetrical alopecia

Chapter 83

CAT: 20 µg PO BID

■ **Trimeprazine (Temaril)**

Antihistamine, allergic skin disease, urticaria

Chapter 89

DOG: 0.5–2 mg/kg PO BID

■ **Trimethoprim/sulfadiazine (Tribrissen)**

Routine infections

Chapters 18, 32, 100

15 mg/kg PO/SC BID

Meningitis

Chapter 24

15–20 mg/kg PO/IM BID

Prostatitis, urethritis, URI

Chapters 51, 52, 112

15–30 mg/kg PO BID

Protozoal polyradiculoneuritis

Chapter 25

30 mg/kg PO BID with pyrimethamine

Toxoplasmosis, coccidiosis, nocardiosis, neosporosis, hepatozoonosis

Chapters 80, 111, 114

15–30 mg/kg PO/SC BID

Bacterial folliculitis

Chapters 84, 85

15–30 mg/kg PO BID

***Pneumocystis carinii*, coccidiosis, cyclosporiasis**

Chapter 114

DOG: 15 mg/kg PO BID

Tylosin (Tylan)

GI bacterial overgrowth, chronic colitis

Chapters 32, 33

DOG: 10–40 mg/kg PO BID in food

CAT: 5–10 mg/kg PO BID in food

Feline URI

CAT: 25 mg PO TID

Cryptosporidiosis

Chapter 114

11 mg/kg PO BID × 28 days

Ursodeoxycholate (Actigall)

Chronic hepatitis

Chapter 34

10–15 mg/kg PO SID

Vanadium

Diabetes mellitus

Chapter 43

CAT: 45 mg PO SID, with insulin

Immune thrombocytopenia

Chapter 66

DOG: 0.02 mg/kg IV or 0.25–0.3 mg/m² IV

Vitamin A (Aquasol A)

Dietary supplement

Chapters 32, 35

DOG: 100–500 IU PO/IM SID × 10–30 days

CAT: 30–100 IU PO SID

Vitamin A-responsive dermatosis

Chapter 90

DOG: 10,000 IU PO SID indefinitely

Vitamin B₁

See Thiamine

Vitamin B₁₂ (Cyanocobalamin)

Dietary supplement

DOG: 100–200 µg/day PO/SC

CAT: 50–100 µg/day PO/SC

Inherited vitamin B₁₂ malabsorption, EPI

Chapters 32, 35, 63, 64

DOG: a) 0.25–1 mg SC/IM weekly for 1 mo, then q 3 mo

b) 0.5–1 mg IM SID × 7 days, then q 3–6 mo

CAT: 0.1–0.2 mg SC weekly for 1 mo

Vitamin C

See Ascorbic acid

Vitamin D₂, ergocalciferol (Calciferol)

Hypocalcemia

Chapter 42

1000–2000 U/kg PO SID, taper to once weekly

Vitamin E (E-Gems, Pure-E)

Scotty cramps

Chapter 23

DOG: 125 IU/kg/day PO

Vitamin E (E-Gems, Pure-E) *(continued)*

Degenerative myelopathy

Chapter 24

DOG: 2000 IU/day PO with aminocaproic acid

Vitamin E-deficient myositis, dermatomyositis

Chapters 80, 82

DOG: 200–400 IU PO SID–BID

Acanthosis nigricans, metatarsal fistulation

Chapter 82

DOG: 200 IU PO BID indefinitely

Discoid lupus, panniculitis, other immune skin diseases

Chapters 85, 89

DOG: 200–800 IU PO, topically BID

Pansteatitis

Chapter 120

CAT: 10–20 IU/kg PO BID

Vitamin K₁ (AquaMEPHYTON, Mephyton)

Hepatic cirrhosis

Chapter 34

CAT: 0.5 mg/kg SC BID

Warfarin toxicosis, vitamin K deficiency

Chapters 32, 35, 66, 120, 122, 123

DOG: 0.5–1.5 mg/kg SC/PO BID–TID × 7–14 days, then
1 mg/kg/day PO × 4–6 wk

CAT: a) 5 mg PO SID or 10 mg PO twice weekly

b) 5–20 mg SC BID for coagulopathy

Warfarin (Coumadin)

Prevent thromboembolism

Chapters 10, 18, 47

DOG: 0.1 mg/kg PO SID

CAT: 0.1–0.2 mg/kg PO SID

Maintain prothrombin time 2–2.5 times normal

Xylazine (Rompun)

Sedation, muscle relaxant for certain toxicoses

Chapter 124

1.1 mg/kg IM/IV

Emetic

Chapter 122

CAT: 1.1 mg/kg IM

■ **Yohimbine (Yobine)**

Amitraz toxicity

Chapter 87

DOG: 0.1 mg/kg IV

Reverse effects of xylazine and certain toxicoses

Chapters 122, 124

0.1–0.2 mg/kg IV

■ **Zinc acetate**

Copper hepatotoxicosis

Chapter 34

DOG: 50–200 mg PO SID

■ **Zinc methionine**

Zinc deficiency

Chapters 90, 120

DOG: 2–3 mg/kg elemental zinc PO SID

■ **Zinc sulfate (Zinc-220, Vi-Zac)**

Zinc deficiency

Chapters 90, 120

DOG: 2–3 mg/kg elemental zinc PO SID; crush and mix with food

■ **Zonisamide (Zonegran)**

Seizures

Chapter 22

DOG: 2–4 mg/kg PO BID

Alphabetical List of Drugs by Brand Name

In the following list of drugs, the generic name is in parentheses.

- | | |
|---|---|
| Acarexx (ivermectin otic solution) | Alkeran (melphalan) |
| Accutane (isotretinoin) | ALternaGEL (aluminum hydroxide) |
| Acepromazine (acetylpromazine) | Amicar (aminocaproic acid) |
| Achromycin (tetracycline) | Amiglyde-V (amikacin) |
| Actidose-Aqua (charcoal, activated) | Amikin (amikacin) |
| Actidose with Sorbitol (sorbitol) | Aminophyllin (aminophylline) |
| Actifed (pseudoephedrine) | Amitriptyline (amitriptyline) |
| Actigall (ursodeoxycholate) | Amoxidrops/tabs (amoxicillin) |
| Activase (tissue plasminogen activator) | Amphojel (aluminum hydroxide) |
| Adderall (amphetamine SO ₄) | Anadrol-50 (oxymetholone) |
| Adequan (polysulfated glycosaminoglycans) | Anafranil (clomipramine) |
| Adrenalin (epinephrine) | Ancef (cefazolin sodium) |
| Adriamycin (doxorubicin) | Ancobon (flucytosine) |
| Advantage (imidacloprid) | Android (methyltestosterone) |
| Aerolate (theophylline) | Android F (fluoxymesterone) |
| AErrane (isoflurane) | Anipryl (L-deprenyl) |
| Alarmucil (psyllium) | Antilirium (physostigmine) |
| Albon (sulfadimethoxine) | Antirobe (clindamycin) |
| Aldactazide (hydrochlorothiazide–spironolactone) | Antizol-Vet (4-methylpyrazole) |
| Aldactone (spironolactone) | Apresoline (hydralazine) |
| Alferon (human recombinant interferon) | AquaMEPHYTON (phytonadione, vitamin K ₁) |
| Alizine (aglepristone) | Aquasol A (vitamin A) |
| | Aredia (pamidronate) |
| | Arquel (meclofenamic acid) |
| | Aspirin (acetylsalicylic acid) |
| | Atabrine (quinacrine) |
| | Atarax (hydroxyzine) |

- Avelcet** (amphotericin, liposomal)
Avlosulfon (dapsone)
Axid (nizatidine)
Azium (dexamethasone)
Azopt (brinzolamide 1%)
Azulfidine (sulfasalazine)
Bactocill (oxacillin)
Bactrim (trimethoprim–sulfamethoxazole)
Bactrovet (sulfadimethoxine)
BAL in oil (dimercaprol)
Banamine (flunixin meglumine)
Baytril (enrofloxacin)
Benadryl (diphenhydramine)
Bentyl (dicyclomine)
Berenil (diminazene aceturate)
Betagen (levobunolol 0.5%)
Betapace (sotalol)
Betoptic (betaxolol 0.5%)
Biaxin (clarithromycin)
BioTal (thiamylal sodium)
Blenoxane (bleomycin)
Bonine (meclizine)
Brethine (terbutaline)
Bretylium (bretylium)
Brevibloc (esmolol)
Bromocriptine (bromocriptine mesylate)
Buprenex (buprenorphine)
BuSpar (buspirone)
Butazolidin (phenylbutazone)
Calan (verapamil)
Calcet (calcium carbonate, gluconate)
Calciferol (vitamin D₂)
Calcimar (calcitonin)
Calphosan (calcium lactate)
Caparsolate (thiacetarsamide)
Capoten (captopril)
Capstar (nitenpyran)
Carafate (sucralfate)
Cardioquin (quinidine polygalacturonate)
Cardizem (diltiazem)
CeeNu (lomustine)
Cefa Tabs (cefadroxil)
Celestone (betamethasone)
Cestex (epsiprantel)
Chemet (succimer)
Cheque (mibolerone)
Chloromycetin (chloramphenicol)
Chlor-Trimeton (chlorpheniramine)
Cholac (lactulose)
Cipro (ciprofloxacin)
Citrolith (potassium citrate)
Claforan (cefotaxime)
Clavamox (amoxicillin–clavulanic acid)
Cleocin (clindamycin)
Clomid (clomiphene citrate)
Colace (dioctyl sulfosuccinate)
ColBenemid (colchicine)
Colchicine (colchicine)
Compazine (prochlorperazine)
Conofite (miconazole)
Corid (amprolium)
Cortone acetate (cortisone acetate)
Cosmegen (actinomycin D)
Coumadin (warfarin)
Cuprimine (D-penicillamine)
Cyanocobalamin (vitamin B₁₂)
Cystorelin (gonadotropin-releasing hormone)
Cytobin (triiodothyronine, T₃)
Cytosar (cytosine arabinoside)
Cytotec (misoprostol)
Cytosan (cyclophosphamide)
Danocrine (danazol)
Dantrium (dantrolene)
Daranide (dichlorphenamide)
Daraprim (pyrimethamine)
DDAVP (desmopressin acetate)
Deca-Durabolin (nandrolone decanoate)

- Decholin** (dehydrocholic acid)
Declomycin (demeclocycline)
Deltasone (prednisone)
Delvosteron (proligestone)
Demerol (meperidine)
Denosyl (SAME)
Depo-Medrol
 (methylprednisolone acetate)
Depo-Provera
 (medroxyprogesterone acetate)
Derm Cap (essential fatty acids)
DES (diethylstilbestrol)
Desferal (deferrioxamine)
Dexate (dexamethasone NaPO₄)
DHT Tabs (dihydrotachysterol)
Diabinese (chlorpropamide)
Diamox (acetazolamide)
Diapid (lysine-8 vasopressin)
Dibenzylamine
 (phenoxybenzamine)
Didronel (etidronate disodium)
Diflucan (fluconazole)
Digibind (digoxin immune Fab)
Dilantin (phenytoin)
Dilaudid (hydromorphone)
Diprivan (propofol)
Dithizone
 (diphenylthiocarbazone)
Ditropan (oxybutynin)
Diuril (chlorothiazide)
DMSO (dimethyl sulfoxide, 40%)
Dobutrex (dobutamine)
DOCP (desoxycorticosterone pivalate)
Docusate (dioctyl sulfosuccinate)
Donnatal (phenobarbital)
Dopram (doxapram)
- Doryx** (doxycycline)
Dostinex (cabergoline)
Dramamine (dimenhydrinate)
Droncit (praziquantel)
Drontal Plus (praziquantel)
DTIC-Dome (dacarbazine)
Dulcolax (bisacodyl)
Duragesic (fentanyl transdermal patch)
Duramorph (morphine)
Duricef (cefadroxil)
Econopred (prednisolone acetate 1%)
Edecrin (ethacrynate sodium)
EFAVet-20 (essential fatty acids)
Efudex (5-fluorouracil)
E-Gems (vitamin E)
Elavil (amitriptyline)
Elspar (asparaginase)
E-Mycin (erythromycin)
Enacard (enalapril)
Enlon (edrophonium chloride)
Enulose (lactulose)
Epogen (erythropoietin)
Eserine (physostigmine 0.25%)
Eskalith (lithium carbonate)
Estratest (methyltestosterone)
Etogesic (etodolac)
Felbatol (felbamate)
Feldene (piroxicam)
Fentanyl citrate injection
 (fentanyl)
Feosol Plus (folic acid)
Fiberall (psyllium)
Filaramide (thiacetarsamide)
Filaribits (diethylcarbamazine)
Flagyl (metronidazole)
Florinef (fludrocortisone)
Fluothane (halothane)
Follutein (human chorionic gonadotropin)
Forane (isoflurane)
Frontline Plus (fipronil-methoprene)

FSH-p (follicle-stimulating hormone)	Intron (human recombinant interferon)
Fulvicin (griseofulvin)	Isoptin (verapamil)
Fungizone (amphotericin B)	Isordil (isosorbide dinitrate)
Furoxone (furazolidone)	Isovue-200 (iopamidol)
Galastop (cabergoline)	Isuprel (isoproterenol)
Gentocin (gentamicin)	Iveegam (human gamma globulin)
Geocolate (glyceryl guaiacolate)	Kaopectate (kaolin/pectin)
Glauber's salts (sodium sulfate)	Keflex (cephalexin)
Glucagon (glucagon)	Kefzol (cefazolin sodium)
Glucotrol (glipizide)	Kenalog (triamcinolone)
Glutofac (niacinamide)	Ketaject (ketamine)
GoLYTELY (sodium sulfate)	K-Phos (sodium phosphate)
Grisactin (griseofulvin)	Lampit (nifurtimox)
Halotestin (fluoxymesterone)	Lamprene (clofazimine)
Heartgard-Plus (ivermectin)	Lanoxin (digoxin)
Heparin (heparin)	Lasix (furosemide)
Herplex (idoxuridine)	Leukeran (chlorambucil)
Hespan (hetastarch)	Levothroid (levothyroxine, T ₄)
Humatin (paromomycin)	Levsin (hyoscyamine)
Hycodan (hydrocodone bitartrate)	Librax (chlordiazepoxide-clidinium)
Hydrea (hydroxyurea)	Lidocaine (lidocaine)
HydroDiuril (hydrochlorothiazide)	Lincocin (lincomycin)
Hydromorphone (hydromorphone)	Lioresal (baclofen)
Iberet (ferrous sulfate-folic acid)	Lithobid (lithium carbonate)
Ifex (ifosfamide)	Lithostat (acetohydroxamic acid)
Ilotycin (erythromycin)	Lomotil (diphenoxylate w/ atropine)
Imizol (imidocarb dipropionate)	Lotensin (benazepril)
Immiticide (melarsomine)	Lotrimin (clotrimazole)
Imodium (loperamide)	Lutalyse (prostaglandin F _{2α})
Imuran (azathioprine)	LymDip (lime sulfur)
Inderal (propranolol)	Lysodren (o,p-DDD)
Indorex (pyriproxifen)	Macrodex (dextran 70)
INFeD injection (iron dextran)	MCT Oil (medium-chain triglycerides)
Inotropin (dopamine)	Mefoxin (cefoxitin sodium)
Interceptor (milbemycin oxime)	Megace (megestrol acetate)
	Mephyton (vitamin K ₁)
	Mestinon (pyridostigmine bromide)

Metamucil (psyllium)
Methotrexate (methotrexate)
Methylprednisolone
 (methylprednisolone)
Mexitil (mexiletine)
Milk of Magnesia
 (magnesium hydroxide)
Minipress (prazosin)
Minocin (minocycline)
Mintezol (thiabendazole)
Mitaban (amitrax)
Mithracin (mithramycin)
Mitotane (*o,p*-DDD)
Monistat IV (miconazole)
Mucomyst (acetylcysteine)
Mudrane GG (ephedrine)
Muro 128 (sodium
 chloride 5%)
Myambutol (ethambutol)
Mycelex (clotrimazole)
Mycolog (nystatin)
Mylanta Calci-tabs (calcium
 carbonate)
Myleran (busulfan)
Narcan (naloxone)
Naxcel (ceftiofur)
Nebcin (tobramycin)
Nembutal (pentobarbital)
Nemex (pyrantel pamoate)
Neoral (cyclosporine)
Neo-Synephrine
 (phenylephrine)
Neptazane (methazolamide)
Neupogen (granulocyte
 colony-stimulating factor)
Neurontin (gabapentin)
Niacin (nicotinamide)
Nilstat (nystatin)
Nipride (nitroprusside)
Nitro-Bid (nitroglycerin 2%
 ointment)
Nitrol (nitroglycerin 2%
 ointment)
Nitropress (nitroprusside)

Nizoral (ketoconazole)
Nolvadex (tamoxifen)
Norcuron (vecuronium
 bromide)
Norpace (disopyramide PO₄)
Norvasc (amlodipine)
Novahistine
 (chlorpheniramine)
Novantrone (mitoxantrone)
Numorphan (oxymorphone)
Ocufen (flurbiprofen 0.03%)
Ocupress (carteolol 1%)
Omnipaque (iohexol)
Omnipen (ampicillin)
Oncovin (vincristine)
Optimmune (cyclosporine
 0.2%)
OptiPranolol (metipranolol
 0.3%)
Orthocide (captan powder,
 50%)
Ovaban (megestrol acetate)
Oxyglo₂bin (oxyglobin)
2PAM (pralidoxime chloride)
Panacur (fenbendazole)
Pancreazyme (pancreatic
 enzymes)
Panmycin (tetracycline)
Paraplatin (carboplatin)
Pavulon (pancuronium
 bromide)
Paxil (paroxetine)
Pentam (pentamidine
 isethionate)
Pentostam (antimony,
 sodium stibogluconate)
Pentothal (sodium
 thiopental)
Pepcid (famotidine)
Pepto-Bismol (bismuth)
Percorten pivalate
 (desoxycorticosterone
 pivalate)
Periactin (cyproheptadine)

Quick access to vital drug information!

This user-friendly handbook provides comprehensive, up-to-date coverage of drugs used in small animal medicine. The convenient spiral binding and take-along size make this an ideal resource for use in the classroom, in the clinic, or in the field.

Key features:

- Presents **need-to-know information** on approximately **500 generic drugs** in an easy-to-use, quick-reference format.
- Includes a handy guide to **long treatment abbreviations and units**.
- Provides a comprehensive **drug formulary**—organized by generic drug name—that includes the **drug use and dosage**.
- Contains an alphabetical listing of drugs by **brand name and classification of drugs by generic name** for easy cross-referencing.

You'll turn to this resource often for authoritative information on the safe and proper use of drugs in small animal medicine.

Get your copy today!

SAUNDERS

An Imprint of Elsevier Science

www.elsevierhealth.com

Recommended
Shelving Classification

Veterinary Medicine

ISBN 0-7216-0124-3



Phenergan (promethazine)	Purinethol (6-mercaptopurine)
Phenobarbital injection (phenobarbital)	Quadrinal (theophylline– ephedrine)
Pimaricin (natamycin 5%)	Questran (cholestyramine)
Pitocin (oxytocin)	Quinidex (quinidine SO ₄)
Pitressin (vasopressin)	Quinidine (quinidine SO ₄)
Platinol (cisplatin)	Rapinovel (propofol)
PMS (follicle-stimulating hormone)	Reglan (metoclopramide)
Polycillin (ampicillin)	Regumate (altrenagest)
Polyflex (ampicillin)	Requa (charcoal, activated)
Portagen (medium-chain triglycerides)	Retin-A (tretinoin)
Precose (acarbose)	Revolution (selamectin)
Prilosec (omeprazole)	Rheomacrodex (dextran 40)
Primaquine (primaquine PO ₄)	Ridaura (auranofin)
Primaxin (imipenem)	Rifadin (rifampin)
Primor (sulfadimethoxine/ ormetoprim)	Rifamate (rifampin)
Principen (ampicillin)	Rimadyl (carprofen)
Prinivil (lisinopril)	Ripercol (levamisole)
Procan SR (procainamide)	Ritalin (methylphenidate)
Profasi (human chorionic gonadotropin)	Robaxin (methocarbamol)
Profenal (suprofen 1%)	Robinul (glycopyrrolate)
Profigil (modafinil)	Rocaltrol (vitamin D ₃)
Proglycem (diazoxide)	Roferon-A (interferon)
Program (lufenuron)	Rompun (xylazine)
ProHeart-6 (moxidectin)	Salix (furosemide)
Pronestyl (procainamide)	Sandimmune (cyclosporine)
Propantheline (propantheline)	Sandostatin (octreotide acetate)
Propecia (finasteride)	Seldane (terfenadine)
Prostaphilin (oxacillin)	Serax (oxazepam)
Prostigmin (neostigmine)	Serophene (clomiphene citrate)
Protamine (protamine)	Sinequan (doxepin)
Protopam (pralidoxime)	Slo-bid (theophylline)
Protropin (growth hormone)	Solganal (aurothioglucose)
Proventil (albuterol)	Soloxine (levothyroxine)
Provera (medroxyprogesterone acetate)	Solu-Cortef (hydrocortisone sodium succinate)
Prozac (fluoxetine)	Solu-Delta-Cortef (prednisolone sodium succinate)
Prussian blue (ferric cyanoferrate)	Solu-Medrol (methylprednisolone sodium succinate)
Pure-E (vitamin E)	

Small Animal DRUG HANDBOOK

This One

personal digital assistant (PDA). The PDA CD-ROM can be obtained from bookstores and retail outlets, as well as from Elsevier Health Sciences' website at www.elsevierhealth.com. The PDA version can also be downloaded from the website. The PDA version of this booklet is compatible with PalmOS, Windows CE, and Pocket PC devices.

We hope that this format of presenting drugs by specific usage and dosage regimen will provide clinical veterinarians with a precise, accurate, and practical tool — one that will prove highly useful on a daily basis.

Rhea V. Morgan DVM

Diplomate ACVIM, ACVO

Senior Editor, *Handbook of Small Animal Practice*

October 2002

SAUNDERS

An Imprint of Elsevier Science

11830 Westline Industrial Drive
St. Louis, Missouri 63146

SMALL ANIMAL DRUG HANDBOOK

ISBN 0-7216-0124-3

Copyright © 2003, Elsevier Science (USA).

All rights reserved.

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or any information storage and retrieval system, without permission in writing from the publisher. Permissions may be sought directly from Elsevier's Health Sciences Rights Department in Philadelphia, PA, USA: phone: (+1) 215 238 7869, fax: (+1) 215 238 2239, e-mail: healthpermissions@elsevier.com. You may also complete your request on-line via the Elsevier Science homepage (<http://www.elsevier.com>), by selecting 'Customer Support' and then 'Obtaining Permissions'.

NOTICE

Veterinary Medicine is an ever-changing field. Standard safety precautions must be followed, but as new research and clinical experience broaden our knowledge, changes in treatment and drug therapy may become necessary or appropriate. Readers are advised to check the most current product information provided by the manufacturer of each drug to be administered to verify the recommended dose, the method and duration of administration, and contraindications. It is the responsibility of the licensed prescriber, relying on experience and knowledge of the patient, to determine dosages and the best treatment for each individual patient. Neither the publisher nor the author assumes any liability for any injury and/or damage to persons or property arising from this publication.

International Standard Book Number 0-7216-0124-3

Acquisitions Editor: Ray Kersey

Developmental Editor: Denise LeMelledo

Project Manager: Joy Moore

Designer: Julia Dummitt

Printed in United States of America

Last digit is the print number: 9 8 7 6 5 4 3 2 1

- Somophyllin** (aminophylline)
Soriatane (acitretin)
Sporanox (itraconazole)
SSKI Solution (potassium iodide)
Stilphostrol (diethylstilbestrol)
Streptomycin (streptomycin)
Strongid-T (pyrantel pamoate)
Sudafed (pseudoephedrine)
Sulfadiazine (sulfadiazine)
Sulfodip (lime sulfur suspension)
Surfak (dioctyl sulfosuccinate)
Surital (thiamylal sodium)
Synthroid (levothyroxine, T₄)
Syntocinon (oxytocin)
Syprine (tetramine)
Tagamet (cimetidine)
Tapazole (methimazole)
Tardak (delmadinone acetate)
Tavist (clemastine)
Telazol (tiletamine/zolazepam)
Temaril (trimeprazine)
Tenormin (atenolol)
Tensilon (edrophonium chloride)
Terramycin (oxytetracycline)
Theo-Dur (theophylline)
Theolair (theophylline)
Thiola (2-mercaptopropionyl glycine)
Thorazine (chlorpromazine)
Timentin (ticarcillin-clavulanate)
Timoptic (timolol maleate 0.5%)
Tofranil (imipramine)
Torbugesic (butorphanol tartrate)
Torbutrol (butorphanol tartrate)
Tracrium (atracurium besylate)
Tramisol (levamisole)
Tranxene-SD (chlorazepate dipotassium)
Trental (pentoxifylline)
Trexan (naltrexone)
Tribrissen (trimethoprim/sulfadiazine)
Trusopt (dorzolamide, 2%)
Tumil-K (potassium gluconate)
Tums (calcium carbonate)
Twin-K (potassium gluconate)
Tylan (tylosin)
Tyson (L-carnitine)
Urecholine (bethanechol)
Urobiotic-250 (oxytetracycline)
Valium (diazepam)
Vancocin (vancomycin)
Vasotec (enalapril)
Vasoxyl (methoxamine)
Veetids (penicillin V)
Velban (vinblastine)
Ventolin (albuterol)
Versed (midazolam)
Versenate (calcium EDTA)
Vetalog (triamcinolone)
Vibramycin (doxycycline)
Viokase (pancreatic enzymes)
Vira-A (vidarabine)
Virilon (testosterone cypionate)
Viroptic (trifluridine 1%)
Vitamin C (ascorbic acid)
Vi-Zac (zinc sulfate)
Voltaren (diclofenac 0.1%)
Winstrol (stanozolol)
Wycillin (procaine penicillin)
Xalatan (latanoprost 0.005%)



Small Animal DRUG HANDBOOK

RHEA V. MORGAN, DVM

Diplomate

American College of Veterinary Internal Medicine and

American College of Veterinary Ophthalmologists

Smoky Mountain Veterinary Services

Walland, Tennessee

Изображение, защищенное авторским правом

An Imprint of Elsevier Science

Материал, защищенный авторским правом



Preface

Welcome to the *Small Animal Drug Handbook*. This formulary has been compiled from the 4th Edition of the *Handbook of Small Animal Practice (HSAP)*, which was published in September 2002. The material presented here represents just a small portion of the extensive body of work prepared for this latest edition of the *HSAP*.

This booklet is composed of four different sections. Section I provides lists of the common units used for weights, fluids, and pressures, and the commonly used abbreviations for routes of administration and dosage schedules. It also contains descriptions of the abbreviations used within the formulary. Section II is the actual drug formulary. Drugs are listed in alphabetical order by generic name. Under each drug, one or more uses of the drug are listed, and these are followed by the dosages recommended for that particular condition. The chapter number(s) from the *HSAP* where the drug is cited are also provided so that the text pertaining to the drug and disease process can readily be reviewed. At the beginning of Section II there is a key that explains the format of the entries and prefixes used in the formulary. Section III is an alphabetical list of the drugs by brand name. Section IV provides a classification of the drugs by their type or activity, and the drugs are listed by generic name.

Section II of this drug handbook corresponds to Appendix IV of the 4th Edition of the *HSAP*. To make this material more mobile and usable in clinical practice, not only have we created this small pocket-sized booklet, but we are also making the material available in an electronic format for use on a

Xanax (alprazolam)
Yobine (yohimbine)
Zantac (ranitidine)
Zinc-220 (zinc sulfate)
Zithromax (azithromycin)

Zofran ODT (ondansetron)
Zoloft (sertraline)
Zonegran (zonisamide)
Zyloprim (allopurinol)

Diphenhydramine
Diphenylthiocarbazone
Ethanol 20%
Ferric cyanoferrate
Glyceryl guaiacolate
Glyceryl monoacetate
Hydrogen peroxide
Ipecac
Lime water
Magnesium hydroxide
Methocarbamol
4-Methylpyrazole
Nicotinamide
D-Penicillamine
Physostigmine
Potassium permanganate
Pralidoxime chloride
Protamine sulfate
Pyridoxine
Sodium bicarbonate
Sodium sulfate
Sodium thiosulfate 20%
Succimer
Tetanus antitoxin
Thiamine
Xylazine
Yohimbine

ANTIFUNGAL AGENTS

Amphotericin B
Captan powder 50%
Clotrimazole
Enilconazole
Fluconazole
Flucytosine
Griseofulvin
Itraconazole
Ketoconazole
Miconazole
Natamycin
Nystatin
Potassium iodide
Rifampin

Sodium iodide
Thiabendazole

**ANTI-INFLAMMATORY
DRUGS**

Acetylsalicylic acid
Betamethasone
Carprofen
Chlorpheniramine
Clemastine
Colchicine
Cortisone acetate
Cyproheptadine
Dexamethasone
Diphenhydramine
Etodolac
Flunixin meglumine
Hydrocortisone sodium
succinate
Hydroxyzine
Meclofenamic acid
Methylprednisolone
Methylprednisolone acetate
Methylprednisolone sodium
succinate
Niacinamide
Phenylbutazone
Piroxicam
Polysulfated glycosaminoglycans
Prednisolone
Prednisolone sodium
phosphate
Prednisolone sodium
succinate
Promethazine
Terfenadine
Triamcinolone
Trimeprazine

**ANTIPARASITIC/
ANTIPROTOZOAL DRUGS**

Albendazole
Amitraz

Amprolium
 Benzimidazole
 Clindamycin
 Diethylcarbarnazine
 Diminazene aceturate
 Epsiprantel
 Fenbendazole
 Fipronil
 Furazolidone
 Imidacloprid
 Imidocarb dipropionate
 Ipronidazole
 Ivermectin
 Levamisole
 Lime sulfur suspension
 Lufenuron
 Meglumine antimonate
 Melarsomine
 Methoprene
 Metronidazole
 Milbemycin oxime
 Moxidectin
 Nifurtimox
 Nitenpyran
 Paromomycin
 Pentamidine isethionate
 Praziquantel
 Primaquine PO₄
 Pyrantel pamoate
 Pyrimethamine
 Pyriproxifen
 Quinacrine
 Selamectin
 Sodium stibogluconate
 Sulfadiazine
 Sulfadimethoxine
 Tetramisole
 Thiabendazole
 Thiacetarsamide
 Tinidazole

BEHAVIOR MODIFIERS

Alprazolam
 Amitriptyline

Buspirone
 Chlorazepate dipotassium
 Clomipramine
 Diazepam
 Fluoxetine
 Hydrocodone bitartrate
 Medroxyprogesterone acetate
 Methylphenidate
 Naloxone
 Naltrexone
 Paroxetine
 Sertraline

CARDIOVASCULAR DRUGS

Acetylpromazine
 Amlodipine
 Atenolol
 Atropine SO₄
 Benazepril
 Bretylium
 Calcium chloride
 Calcium gluconate
 Captopril
 Chlorothiazide
 Digoxin
 Diltiazem
 Dobutamine
 Dopamine
 Enalapril
 Epinephrine
 Ethacrynate sodium
 Furosemide
 Glycopyrrolate
 Heparin
 Hydralazine
 Hydrochlorothiazide
 Isoproterenol
 Isosorbide dinitrate
 Lidocaine
 Lisinopril
 Methoxamine
 Mexiletine
 Morphine SO₄
 Nitroglycerin 2%

Nitroprusside
Phenoxybenzamine
Phenylephrine
Phenytoin
Prazosin
Procainamide
Propantheline
Propranolol
Quinidine
Sodium bicarbonate
Sotalol
Spironolactone
Taurine
Terbutaline
Verapamil
Warfarin

DERMATOLOGIC DRUGS

Acitretin
Amitraz
Amitriptyline
Auranofin
Aurothioglucose
Calcitriol
Captan powder 50%
Chlorpheniramine
Clemastine
Clofazimine
Clomipramine
Clotrimazole
Dapsone
Diphenhydramine
Doxepin
Essential fatty acids
Fluoxetine
Fluoxymesterone
Griseofulvin
Hydroxyzine
Imipramine
Isotretinoin
Melatonin
Methylprednisolone acetate
Miconazole

Naltrexone
Niacinamide
Nystatin
Pentoxifylline
Phenobarbital
Potassium iodide
Prednisolone
Promethazine
Sodium iodide
Terfenadine
Tretinoin
Trimeprazine
Vitamin A
Vitamin E

ENDOCRINE/REPRODUCTIVE DRUGS

Acarbose
Aglepristone
Altrenagest
Antidiuretic hormone
Bromocriptine
Cabergoline
Calcitonin
Calcitriol
Calcium gluconate
Chlorothiazide
Chlorpropamide
Chorionic gonadotropin (human)
Clomiphene citrate
Cortisone acetate
Danazol
Delmadinone acetate
Demeclocycline
L-Deprenyl
Desmopressin acetate
Desoxycorticosterone pivalate
Dexamethasone
Diazoxide
Diethylstilbestrol
Erythropoietin
Etidronate

Finasteride
 Fludrocortisone
 Fluoxymesterone
 Follicle-stimulating hormone
 Gallium nitrate
 Glipizide
 Glucagon
 Gonadotropin-releasing hormone
 Growth hormone
 Hydrochlorothiazide
 Insulin, NPH
 Insulin, PZI
 Insulin, regular
 Insulin, ultralente
 Ketoconazole
 Liothyronine (T_3)
 Lysine-8 vasopressin
 Megestrol acetate
 Methimazole
 Methylprednisolone acetate
 Methyltestosterone
 Mibolerone
 Mithramycin
 Mitotane
 Octreotide acetate
 Oxytocin
 Pamidronate
 Pitressin tannate
 Prednisolone
 Progesterone
 Proligestone
 Prostaglandin $F_{2\alpha}$
 Pseudoephedrine
 Spironolactone
 Stanozolol
 Stilbestrol
 Tamoxifen
 Testosterone cypionate
 Testosterone, methyl
 Testosterone propionate
 Thymosin fraction 5
 L-Thyroxine (T_4)

Triiodothyronine (T_3)
 Vanadium

GASTROINTESTINAL DRUGS

Ascorbic acid
 Atropine SO_4
 Bisacodyl
 Bismuth
 Chlordiazepoxide—
 clidinium
 Chlorpromazine
 Cholestyramine
 Cimetidine
 Cisapride
 Clidinium
 Colchicine
 Dehydrocholic acid
 Diazepam
 Dimenhydrinate
 Dioctyl sulfosuccinate
 Diphenoxylate
 Famotidine
 Flunixin meglumine
 Glycopyrrolate
 Hyoscyamine
 Kaolin/pectin
 Lactulose
 Lomotil
 Loperamide
 Magnesium hydroxide
 Meclizine
 Medium-chain triglycerides
 Methylprednisolone
 Metoclopramide
 Metronidazole
 Misoprostol
 Nizatidine
 Omeprazole
 Ondansetron
 Oxazepam
 Pancreatic enzymes
 D-Penicillamine
 Prednisolone

Prochlorperazine
Propantheline
Psyllium
Ranitidine
SAlMe
Sucralfate
Sulfasalazine
Triamcinolone
Trientine
Ursodeoxycholate
Zinc acetate

**IMMUNOSUPPRESSIVE/
CYTOTOXIC/
CHEMOTHERAPEUTIC
AGENTS**

Aclarubicin
Actinomycin D
Asparaginase
Auranofin
Aurothioglucose
Azathioprine
Bleomycin
Busulfan
Carboplatin
Chlorambucil
Cisplatin
Cyclophosphamide
Cyclosporine
Cytosine arabinoside
Dacarbazine
Dexamethasone
Doxorubicin
5-Fluorouracil
Hydroxyurea
Ifosfamide
Lomustine
Melphalan
6-Mercaptopurine
Methotrexate
Methylprednisolone acetate
Mitoxantrone
Piroxicam

Prednisolone
Triamcinolone
Vinblastine
Vincristine

NEUROLOGIC DRUGS

Acetazolamide
Bethanechol
Clorazepate
L-Deprenyl
Dexamethasone
Diazepam
Dimethyl sulfoxide, 40%
Edrophonium chloride
Felbamate
Gabapentin
Imipramine
Iohexol
Iopamidol
Mannitol
Methocarbamol
Methylphenidate
Methylprednisolone sodium
succinate
Modafinil
Neostigmine
Pentobarbital
Phenobarbital
Potassium bromide
Prednisolone
Pyridostigmine bromide
Yohimbine
Zonisamide

OCULAR DRUGS

Acetazolamide
Betamethasone
Betaxolol 0.5%
Brinzolamide 1%
Carteolol 1%
Cyclosporine 0.2–2%
Dichlorphenamide
Diclofenac 0.1%

Paralytic Agents:

Atracurium besylate
Pancuronium bromide
Vecuronium bromide

URINARY TRACT DRUGS

Acetohydroxamic acid
Allopurinol
Aluminum hydroxide
Ammonium chloride
Ascorbic acid
Baclofen
Bethanechol
Calcitriol
Chlorothiazide
Cisapride
Dantrolene
Diazepam
Dicyclomine
Diethylstilbestrol
Dobutamine
Dopamine
Ephedrine
Erythropoietin
Ethacrynate sodium
Furosemide
Imipramine
Mannitol
Megestrol acetate
2-Mercaptopropionyl
glycine
Nandrolone decanoate
Oxybutynin
D-Penicillamine
Phenoxybenzamine
Phenylpropanolamine
Potassium citrate
Prednisolone
Propantheline
Sodium bicarbonate
Stanozolol

**VITAMINS/MINERALS/
SUPPLEMENTS**

Ascorbic acid (vitamin C)
Calcitriol
Calcium carbonate
Calcium gluconate
Calcium lactate
L-Carnitine
Dihydrotachysterol
1,25-Dihydroxyvitamin D₃
Ergocalciferol (vitamin D₂)
Essential fatty acids
Ferrous sulfate
Folic acid
Iron dextran
L-Lysine
Magnesium sulfate
Medium-chain triglycerides
Pancreatic enzymes
Phytomenadione (vitamin K₁)
Potassium chloride
Potassium gluconate
Potassium phosphate
Safflower oil
Sodium bicarbonate
Sodium chloride
Sodium phosphate
Taurine
Thiamine (vitamin B₁)
Vanadium
Vitamin A (tocopherol)
Vitamin B₁₂
(cyanocobalamin)
Vitamin E
Zinc methionine
Zinc sulfate

MISCELLANEOUS DRUGS

Aminocaproic acid
Coumarin
Cyproheptadine

NOTES

NOTES

NOTES

NOTES