

A Cardiopulmonary Drug Formulary for Every Practice in 2012

Larry P. Tilley, DVM, DACVIM (Internal Medicine)
VetMed Consultants Inc
Santa Fe, NM

Advancing technology has provided clinicians with ever more powerful and effective drugs for treating diseases. As more drugs become available, it becomes progressively more difficult to be aware of the numerous side effects, contraindications, and drug interactions of the many cardiopulmonary drugs available. For a more exhaustive review of individual drugs, the reader should refer to the package insert and references. The reader should also follow the current veterinary literature, as new dosing recommendations may become available as a result of clinical use and scientific research. This advice is especially appropriate for new or infrequently used drugs. A handout of drugs and drug dosages, etc. will possibly be made available at seminar, or you can request a copy.

The following is a classification of some common drugs that are used in treating cardiac disease in the dog and cat:

Antiarrhythmic Class 1	Antithrombotic
Procainamide	Anticoagulant
Quinidine	Heparin
Lidocaine	Dalteparin
Mexiletine	Enoxaparin
Tocainide	
	Platelet inhibitor
Antiarrhythmic Class 2	Acetylsalicylic acid
Selective Beta-blocker	Clopidogrel
Atenolol	
Metoprolol	Cardiac inotropic agent
Esmolol	Dobutamine HCl
Sotalol	Dopamine HCl
Carvedilol	Epinephrine
	Isoproterenol
Antiarrhythmic Class 4	Digoxin
Calcium Entry Blocker	Pimobendan
Diltiazem	
Verapamil	Diuretic
	Furosemide
Anticholinergic	Spironolactone
Atropine sulfate	
	Vasodilator
Nutritional supplement	Benazepril
Carnitine	Enalapril
Omega 3 Fatty Acids	Isosorbide dinitrate
Taurine	Nitroglycerin
Bronchodilators	Vasoconstrictor
Albuterol	Vasopressin
Aminophylline	
Theophylline	Cardiac arrest
Terbutaline	Epinephrine
	Vasopressin
Antihypertensive	
Amlodipine	
Sildenafil (Pulmonary)	

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