

# **TABLE OF CONTENTS**

## **Cardiovascular Disease in Small Animal Medicine**

Intro --

Contents --

Preface --

Abbreviations --

### **Section 1 Introduction and normal reference information --**

1 The normal cardiovascular system -- The heart -- The circulation -- References --

2 The cardiovascular examination -- General considerations -- The cardiovascular examination -- References --

3 Overview of cardiac radiography -- General principles -- Evaluation of the heart -- Evaluation of intrathoracic blood vessels -- Evaluation of pulmonary parenchyma -- Evaluation of the pleural space -- References --

4 Overview of electrocardiography -- General principles -- Cardiac rhythm assessment -- Mean electrical axis -- Cardiac chamber enlargement -- Other ECG abnormalities and considerations -- Ambulatory ECG -- References --

5 Overview of echocardiography -- General principles -- The echocardiographic examination -- Two-dimensional echocardiography -- M-mode echocardiography -- Doppler echocardiography -- Transesophageal echocardiography -- Three-dimensional echocardiography -- References --

### **Section 2 Clinical manifestations and management of cardiovascular problems --**

6 Murmurs and abnormal heart sounds -- Overview -- Cardiac murmurs -- Abnormal transient sounds -- Approach to the patient with a murmur or abnormal heart sounds -- References --

7 Cardiomegaly -- Overview -- Pathophysiology -- Approach to the patient with cardiomegaly -- References --

8 Cough -- Overview -- Pathophysiology -- Approach to the coughing patient -- References --

9 Respiratory difficulty -- Overview -- Pathophysiology -- Approach to the patient with respiratory difficulty -- References --

10 Jugular vein distension or pulsations -- Overview -- Pathophysiology -- Approach to the patient with jugular vein distension/pulsations -- References --

11 Abdominal distension -- Overview -- Pathophysiology -- Approach to the patient with abdominal distension -- References.

12 Subcutaneous edema -- Overview -- Pathophysiology -- Approach to the patient with subcutaneous edema -- References --

13 Abnormal heart rate or rhythm -- Overview -- Pathophysiology -- Approach to the patient with abnormal heart rate or rhythm -- References --

14 Syncope or intermittent collapse -- Overview -- Pathophysiology -- Approach to the patient with syncope or intermittent collapse -- References --

15 Thromboembolic disease -- Overview -- Pathophysiology -- Approach to the patient with thromboembolic disease -- Thromboembolic disease prophylaxis -- References --

16 Management of heart failure -- Overview -- Pathophysiology -- Clinical manifestations of congestive heart failure -- Management of acute decompensated congestive heart failure -- Management of chronic heart failure -- References --

17 Management of arrhythmias -- Overview -- Pathophysiology -- General arrhythmia management considerations -- Management of supraventricular tachyarrhythmias -- Management of ventricular tachyarrhythmias -- Management of bradyarrhythmias -- Overview of antiarrhythmic drugs -- Overview of pacing therapy -- References -- Section 3 Cardiovascular diseases --

18 Congenital cardiovascular diseases -- Overview -- Subaortic stenosis -- Pulmonic stenosis -- Patent ductus arteriosus -- Ventricular septal defect -- Atrial septal defect -- Mitral dysplasia -- Tricuspid dysplasia -- Tetralogy of Fallot -- Pulmonary hypertension with shunt reversal -- Vascular ring anomalies -- Cor triatriatum -- Other vascular anomalies -- Endocardial fibroelastosis -- References --

19 Acquired valve diseases -- Degenerative valve disease -- Infective endocarditis -- References --

20 Myocardial diseases of the dog -- Dilated cardiomyopathy -- Arrhythmogenic right ventricular cardiomyopathy -- Secondary myocardial diseases -- Hypertrophic cardiomyopathy -- Infective myocarditis.  
Noninfective myocarditis -- References --

21 Myocardial diseases of the cat -- Hypertrophic cardiomyopathy -- Secondary hypertrophic myocardial disease -- Restrictive cardiomyopathy -- Dilated cardiomyopathy -- Arrhythmogenic right ventricular cardiomyopathy -- Corticosteroid-

associated congestive heart failure -- Myocarditis -- References --

22 Pericardial diseases and cardiac tumors -- Acquired pericardial effusions -- Constrictive pericardial disease -- Congenital pericardial malformations -- Cardiac tumors -- References --

23 Pulmonary hypertension -- Overview -- Pathophysiology -- Clinical features -- References 24 Heartworm disease -- *Dirofilaria immitis* -- *Angiostrongylus vasorum* -- References --

25 Systemic hypertension -- Overview -- Clinical features -- References --

Index.