

# TABLE OF CONTENTS

## Section I: Critical Care

1. Crystalloid Fluid Therapy
  2. Colloid Fluid Therapy
  3. Catecholamines in the Critical Care Patient
  4. Shock
  5. Cardiopulmonary Resuscitation
  6. Drug Incompatibilities and Drug-Drug Interactions in the ICU Patient
  7. Nutrition in Critical Care
  8. Stabilization of the Patient with Respiratory Distress
  9. Acute Respiratory Distress Syndrome
  10. Oxygen Therapy
  11. Ventilator Therapy for the Critical Patient
  12. Analgesia of the Critical Patient
  13. Anesthesia for the Critical Care Patient
  14. Hyperthermia and Heat-Induced Illness
  15. Thromboelastography
  16. Critical Illness-Related Corticosteroid Insufficiency
  17. Evaluation of Canine Orthopedic Trauma
  18. Emergency Management of Open Fractures
  19. Emergency Wound Management and Vacuum Assisted Wound Closure
- Web Chapter 1. Acid-Base Disorders
- Web Chapter 2. Drainage Techniques for the Septic Abdomen
- Web Chapter 3. Gastric Dilation-Volvulus

Web Chapter 4. Pacing in the ICU Setting

## **Section II: Toxicologic Diseases**

20. ASPCA Animal Poison Center Toxin Exposures for Pets

21. Toxin Exposures in Small Animals

22. Urban Legends of Toxicology: Fact and Fiction

23. Drugs Used to Treat Toxicoses

24. Intravenous Lipid Emulsion Therapy

25. Human Drugs of Abuse and CNS Stimulants

26. Antidepressants and anxiolytics

27. Over-the-Counter Drug Toxicosis

28. Top 10 Toxic and Non-Toxic Household Plants

29. Herbal Hazards

30. Lawn and Garden Product Safety

31. Rodenticide Toxicoses

32. Insecticide Toxicoses

33. Pesticides: New Vertebrate Toxic Agents for Pest Species

34. Parasiticide Toxicoses: Avermectins

35. Human Foods with Pet Toxicoses: Alcohol to Xylitol

36. Automotive Toxins

37. Lead Toxicoses in Small Animals

38. Aflatoxicosis in Dogs

Web Chapter 5. Nephrotoxicants

Web Chapter 6. Reporting Adverse Events to the Food and Drug Administration –  
Center for Veterinary Medicine

Web Chapter 7. Respiratory Toxicants of Interest to Pet Owners

Web Chapter 8. Small Animal Poisoning: Additional Considerations Related to Legal Claims

Web Chapter 9. Sources of Help for Toxicoses

Web Chapter 10. Treatment of Animal Toxicoses: Regulatory Points to Consider

### **Section III: Endocrine and Metabolic Diseases**

39. Bilaterally Symmetrical Alopecia in Dogs

40. Imaging in Diagnosis of Endocrine Disorders

41. CIRCI: Evidence For and Against

42. Canine Hypothyroidism

43. Feline Hyperthyroidism and Renal Function

44. Canine Diabetes Mellitus

45. Diabetic Monitoring

46. Diet and Diabetes

47. Insulin Resistance

48. Feline Diabetes Mellitus

49. Feline Hypersomatotropism and Acromegaly

50. Occult Hyperadrenocorticism: Is It Real?

51. Canine Hyperadrenocorticism Therapy

52. Ectopic Acth Syndrome and Food-Dependent Hypercortisolism In Dogs

53. Canine Hypoadrenocorticism

54. Feline Hyperaldosteronism

55. Idiopathic Feline Hypercalcemia

56. Approach to Hypomagnesemia and Hypokalemia

57. Obesity

58. Approach to Hyperlipidemia

Web Chapter 11. Canine Hypercalcemia and Primary Hyperparathyroidism

Web Chapter 12. Clinical Use of the Vasopressin Analogue Desmopressin for the Diagnosis and Treatment of Diabetes Insipidus

Web Chapter 13. Complicated Diabetes Mellitus

Web Chapter 14. Complications and Concurrent Conditions Associated with Hypothyroidism in Dogs

Web Chapter 15. Diagnosis and Management of Large Pituitary Tumors in Dogs with Pituitary-Dependent Hyperadrenocorticism

Web Chapter 16. Differential Diagnosis of Hyperkalemia and Hyponatremia in Dogs and Cats

Web Chapter 17. Hyperadrenocorticism in Ferrets

Web Chapter 18. Interpretation of Endocrine Diagnostic Tests

Web Chapter 19. Medical Treatment of Feline Hyperthyroidism

Web Chapter 20. Nutritional Management of Feline Hyperthyroidism

Web Chapter 21. Radioiodine for Feline Hyperthyroidism

Web Chapter 22. Treatment of Hypoparathyroidism

Web Chapter 23. Treatment of Insulinoma in the Dog, Cat and Ferret

Web Chapter 24. Treatment of Non-Insulin Dependent Diabetes Mellitus in Cats Using Oral Hypoglycemic Agents

## **Section IV: Oncology and Hematology**

59. Immunosuppressive Agents

60. Management of Immune Mediated Hemolytic Anemia in Dogs

61. Thrombocytopenia

62. von Willebrand's Disease and Other Hereditary Coagulopathies

63. Disseminated Intravascular Coagulation: Diagnosis and Management

64. Hypercoagulable States

65. Lymphocytosis

66. Quality Control for the In-Clinic Laboratory

67. Transfusion Medicine: Best Practices

68. Bone Marrow Dyscrasias
  69. Anticancer Drugs: New Drugs
  70. Tumor Biopsy and Specimen Submission
  71. Chemotherapy Handling and Safety
  72. Treatment of Adverse Effects from Cancer Therapy
  73. Cancer Immunotherapy
  74. Advances in Radiation Therapy for Nasal Tumors
  75. Malignant Effusions
  76. Interventional Oncology
  77. Nutritional Support of the Cancer Patient
  78. Metronomic Chemotherapy
  79. Drug Update: Toceranib
  80. Drug Update: Masitinib
  81. Oral Tumors
  82. Perineal Tumors
  83. Urinary Bladder Cancer
  84. Mammary Cancer
  85. Rescue Therapy for Canine Lymphoma
  86. Plasma Cell Neoplasms
  87. Osteosarcoma
  88. Hemangiosarcoma
  89. Thyroid Tumors
- Web Chapter 25. Anticancer Drugs: New Drugs
- Web Chapter 26. Blood Typing and Crossmatching
- Web Chapter 27. Canine Soft-Tissue Sarcomas

Web Chapter 28. Collection of Specimens for Cytology

Web Chapter 29. Nasal Tumors

Web Chapter 30. Nonregenerative Anemias

Web Chapter 31. Pulmonary Neoplasia

Web Chapter 32. Surgical Oncology Principles

## **Section V: Dermatologic Diseases**

90. Diagnostic Criteria for Canine Atopic Dermatitis.