

# 소동물 임상내과학

편저자: David Bruyette

수의학 / 수의과내학

소동물 임상내과학은 수의사와 학생 모두의 요구를 충족시키도록 설계된 포괄적이고 실용적인 참고서입니다. 소동물 내과의 모든 측면을 다루는 이 혁신적인 안내서는 임상적으로 관련 있는 자료와 팟캐스트 및 지속적인 온라인 업데이트를 제공합니다. 간결하고 동일하게 형식화된 챕터를 통해 독자는 임상 수의학 실습에 필요한 가장 중요한 정보를 빠르게 찾을 수 있습니다.

학계 및 임상 전문가의 참여로 환자 평가 및 관리, 중환자 예방 치료 및 진단, 치료 고려사항을 포함한 일반적인 의학 주제를 다룹니다. 내분비, 심혈관, 호흡기 및 전염병에서부터 종양학, 피부학, 대사성 정형외과 질환, 위장병학 및 간질환에 이르기까지 일상의 임상 실무와 관련된 주제에 대해 자세히 고찰합니다. 컴패니언 웹사이트에 팟캐스트 및 업데이트된 정보가 포함되어 있으며, 임상 실습 라이브러리에 추가되는 중요한 임상 중심의 텍스트는 다음과 같습니다.

- 소동물 내과학에 대한 완전하고 실용적인 정보 제공
- 실제 임상 환경에서 정상과 비정상을 이해하는데 필요한 배경 생리학 제시
- 다른 내과학 서적에서 다루지 않는 일반적인 의학 주제 포함
- 임상 진료에 직접 적용할 수 있는 정보에 중점을 둠
- 컴패니언 웹사이트를 통한 팟캐스트 및 지속적인 업데이트

소동물 수의사와 수의학과 학생의 필요에 맞춰 만들어진 소동물 임상내과학은 개와 고양이의 내과적 질환에 관한 유용하고 독자가 읽기 쉬운 참고 서적입니다.

## 편저자 정보

미국수의내과전문의 (DACVIM (SAIM)) 수의학 박사인 **David Bruyette**는 미국 캘리포니아 롱 비치에 소재한 Anivive Lifesciences Inc.의 최고 의료 책임자입니다.

도서 주문 및 문의사항은 아래 오케이벳에 연락 부탁드립니다.  
www.okvet.co.kr / okvet@okvet.co.kr / 010-8364-0400

(표기된 정보는 20년 4월 기준으로, 추후 변동될 수 있습니다.)



2-Volume Set | ISBN 9781118497067 | 양장본  
1712 pages | 20년 4월 출간 | US\$249.99

WILEY

## 목차

Dedication  
Preface  
List of Contributors  
About the Companion Website

### VOLUME I

#### 섹션 1 환자 평가와 관리

1 The Concept of One Medicine  
*Lonnie J. King*

2 Statistical Interpretation for Practitioners  
*Phillip H. Kass*

3 Using Data for Clinical Decision Making  
*Phillip H. Kass*

#### 섹션 2 내분비 질환

4 Principles of Endocrinology  
*Robert Kempainen*

5 Neuroendocrinology  
*Maya Lottati*

6 Feline Acromegaly  
*David Bruyette*

7 Pituitary Dependent Hyperadrenocorticism in Dogs and Cats  
*David Bruyette*

8 Polyuria and Polydipsia  
*Jennifer L. Garcia*

9 Canine Hypothyroidism  
*David Bruyette*

10 Feline Hyperthyroidism  
*David Bruyette*

11 Hypoadrenocorticism in Dogs  
*Patty Lathan*

12 Diabetes Mellitus in Dogs and Cats  
*Jacque S. Rand*

13 Hypoglycemia in Patients Without Diabetes Mellitus: Evaluation and Management  
*Rhett Nichols*

14 Canine Autoimmune Polyglandular Syndromes  
*Deborah Greco*

#### 섹션 3 심혈관계 질환

15 Approach to the Patient with Suspected Cardiovascular Disease  
*Ingrid Ljungvall and Jens Haggström*

16 Imaging in Cardiovascular Disease  
*Valérie Chetboul*

17 Electrocardiography  
*Marc S. Kraus and Anna R.M. Gelzer*

18 Pathophysiology of Heart Failure  
*Barret J. Bulmer*

19 Management of Heart Failure  
*Steven Rosenthal and Mark A. Oyama*

20 Ventricular Arrhythmias  
*Amara H. Estrada and Romain Pariaut*

21 Supraventricular Arrhythmias  
*Romain Pariaut and Amara H. Estrada*

22 Systemic Hypertension  
*Rebecca L. Stepien*

23 Pulmonary Hypertension  
*Heidi B. Kellihan*

24 Congenital Heart Disease  
*Brian A. Scansen*

25 Valvular Heart Disease  
*Michele Borgarelli*

26 Canine Myocardial Disease  
*M. Lynne O'Sullivan*

27 Feline Myocardial Disease  
*Virginia Luis Fuentes*

28 Pericardial Disease  
*Ashley B. Saunders and Sonya G. Gordon*

#### 섹션 4 호흡기 질환

29 A Respiratory Pattern-Based Approach to Dyspnea  
*Christopher G. Byers*

30 Feline Bronchial Asthma  
*Christine M. Serafin*

31 Canine Chronic Bronchitis  
*Kevin Kumrow*

32 Pulmonary Thromboembolism  
*Robert Goggs*

33 Surgical Approaches to Thoracic Disease  
*Raegan Wells*

34 Pleural Effusion  
*Ashley Allen and Gareth Buckley*

#### 섹션 5 중환자치료의학

35 Approach to the Patient in the Critical Care Setting  
*Sarah Allen*

36 Fluid Therapy  
*Teresa Rieser*

37 Cardiopulmonary Resuscitation  
*Nathan Peterson*

38 Respiratory Monitoring in Critical Care  
*Mathew Mellema*

39 Acute Respiratory Failure  
*Mathew Mellema*

40 Mechanical Ventilation  
*Kate Hopper and Mathew Mellema*

41 Approach to the Patient with Shock  
*James W. Barr*

42 Cardiogenic Shock  
*Nathan Peterson and James W. Barr*

43 Septic Shock  
*James W. Barr*

44 Disorders of Heat and Cold  
*Sarah Allen*

45 Acute Poisoning  
*Ben O'Kelley*

46 Medical Management of Trauma and Burns  
*Nathan Peterson*

47 Venomous Snake Bites  
*Nathan Peterson*

#### 섹션 6 소화기계 질환

48 Gastrointestinal Imaging  
*Sarah M. Stieger-Vanegas*

49 Gastrointestinal Endoscopy  
*Craig Ruaux*

50 Diseases of the Oral Cavity and Salivary Glands  
*Maria Soltero-Reveira and Alexander Reiter*

51 Gastritis and Gastric Ulceration in Dogs and Cats  
*Katie Tolbert*

52 Disorders of the Esophagus  
*Silvia Funes and Craig Ruaux*

53 Motility Disorders of the Alimentary Tract  
*Reito Neiger and Silke Salvati*

54 Exocrine Pancreatic Insufficiency in Dogs and Cats  
*Panos Xenoulis*

55 Pancreatitis in the Dog  
*Caroline Mansfield*

56 Diagnosis and Management of Pancreatitis in the Cat  
*Craig Ruaux*

57 Rectoanal Diseases - Medical and Surgical Management  
*Craig Ruaux*

58 Dysbiosis and the use of Pre-, Pro- and Synbiotics  
*Jan Suchodolski*

59 Diagnosis and Management of Chronic Enteropathies  
*Karin Allenspach*

#### 섹션 7 간, 담낭 및 담관 질환

60 Approach to the Patient with Liver Disease  
*Emma O'Neill*

61 Imaging in Hepatobiliary Disease  
*Esther Barrett*

62 Metabolic, Toxic and Neoplastic Diseases of the Liver  
*Jan Rothuizen*

63 Feline Inflammatory Liver Disease  
*Nicki Reed*

64 Canine Inflammatory Liver Disease  
*Nick Bexfield*

65 Cirrhosis and its Consequences  
*Katherine Scott*

66 Portosystemic Shunts and Microvascular Dysplasia  
*Geraldine Hunt*

67 Diseases of the Gallbladder and Extrahepatic Biliary Ducts  
*Ben Harris*

#### 섹션 8 신경성 질환

68 The Neurologic Examination  
*Alexander DeLahunta*

69 Central Nervous System Trauma  
*Simon R. Platt*

70 Seizures and Movement Disorders  
*Michael Podell*

71 Disorders of the Forebrain  
*Sam N. Long*

72 Vestibular Disease  
*Tammy Stevenson*

73 Meningoencephalitis and Meningomyelitis  
*Christopher L. Mariani*

74 Diseases of the Neuromuscular Junction  
*David Lipsitz*

75 Myopathies  
*Marguerite F. Knipe*

76 Myelopathy  
*Joan R. Coates*

77 Neuro-Ophthalmology  
*Bradford J. Holmberg*

### VOLUME II

#### 섹션 9 전염병

##### 파트 1 진단 고려사항

78 Epidemiology of Infectious Disease  
*Peggy L. Schmidt*

79 Laboratory Diagnosis of Infectious Disease  
*Laia Solano-Gallego and Gad Baneth*

##### 파트 2 전염병 및 질병 매개체 선택

80 Canine Distemper  
*David Bruyette*

81 Canine Herpes Virus  
*Yvonne Dreschler*

82 Canine Viral Enteritis  
*Margaret C. Barr*

83 Viral Papillomatosis  
*Margaret C. Barr*

84 Canine Influenza Virus  
*Ellen Collisson*

85 Feline Parvovirus  
*Margaret C. Barr*



86 Feline Coronavirus <i>Yvonne Dreschler</i>	113 Canine Infectious Respiratory Disease Complex <i>Jonathan Dear</i>	133 Lymphoid Leukemias, Myeloid Neoplasia and Myelodysplastic Syndrome <i>Angela R. Kozicki</i>	158 Principles of Therapy of Skin Diseases <i>Sandra N. Koch</i>
87 Feline Leukemia Virus <i>David Bruyette</i>	<b>파트 3</b> <b>치료 고려사항</b>	134 Lymphomas <i>Kristine Elaine Burgess</i>	159 Atopic Dermatitis <i>Alison Diesel</i>
88 Feline Immunodeficiency Virus (FIV) <i>Tom Phillips</i>	114 Antimicrobial Therapy in Dogs and Cats <i>Katrina R. Viviano</i>	135 Plasma Cell Disorders <i>Orna Kristal</i>	160 Allergic Skin Diseases <i>Patrick Hensel</i>
89 Feline Viral Upper Respiratory Disease <i>Yvonne Dreschler</i>	115 Antifungal Therapy <i>Daniel S. Foy</i>	136 Central Nervous System Tumors in Dogs and Cats <i>David Ruslander</i>	161 Cutaneous Adverse Food Reactions <i>Ralf S. Mueller</i>
90 Rabies in Dogs and Cats <i>Emily Beeler and Karen Ehnert</i>	<b>파트 4</b> <b>특별 주제</b>	137 Cancer of the Nose and Mouth <i>Lauren Askin Quarterman</i>	162 Autoimmune and Immune-mediated Skin Diseases <i>Nicole A. Heinrich</i>
91 West Nile Virus <i>Tracey McNamara</i>	116 Nosocomial and Multi-Drug Resistant Infections <i>Jason W. Stull and Scott Weese</i>	138 Tumors of the Eye and Ocular Adnexa <i>Erin M. Scott and Paul E. Miller</i>	163 Approach to Alopecia <i>Linda A. Frank</i>
92 Ebola Virus <i>Linda Kidd</i>	117 Management of Infectious Disease in Kennels and Multi-Cat Environments: Creating a Culture of Compliance <i>Frank Bossong</i>	139 Cancer of the Heart <i>Nick A. Schroeder and Lisa DiBernardi</i>	164 Sterile Papular and Nodular Skin Diseases <i>Sandra Diaz</i>
93 Ehrlichia and Anaplasma <i>Pedro P. Vissotto de Paiva Diniz</i>	<b>섹션 10</b> <b>신장 및 비뇨 생식기 질환</b>	140 Cancer of the Airway and Lung <i>Joanne L. Intile</i>	165 Parasitic Skin Diseases <i>Elizabeth E. Toops</i>
94 Salmon Poisoning Disease <i>Pedro P. Vissotto de Paiva Diniz</i>	118 Disorders of Sodium and Water Homeostasis <i>Julien Guillaumin and Stephen DiBartola</i>	141 Cancer of the Esophagus and Stomach <i>Avenelle I. Turner</i>	166 Bacterial Pyoderma <i>Jennifer R. Schissler</i>
95 Wolbachia pipientis Infection <i>Pedro P. Vissotto de Paiva Diniz</i>	119 Disorders of Magnesium and Phosphorus <i>Rosanne Jepsen</i>	142 Cancer of the Small and Large Intestine <i>Edwin Brodsky</i>	167 Otitis <i>Sue Paterson</i>
96 Bartonellosis <i>Pedro P. Vissotto de Paiva Diniz</i>	120 Acute Kidney Injury <i>Adam E. Eatroff</i>	143 Exocrine Pancreatic Cancer <i>Avenelle I. Turner</i>	168 Cutaneous Manifestations of Systemic Disease <i>Kinga Gortel</i>
97 Hemotropic Mycoplasma <i>S��verine Tasker</i>	121 Glomerular Disease <i>Shelly L. Vaden</i>	144 Pancreatic Endocrine Tumors <i>Karen Eiler</i>	169 Superficial Necrolytic Dermatitis <i>Mitchell D. Song</i>
98 Non-Hemotropic Mycoplasma, Ureaplasma and L-form Bacteria <i>Joachim Spergser</i>	122 Obstructive Uropathy <i>Edward Cooper and Brian A. Scansen</i>	145 Liver and Biliary Tract Tumors <i>Amanda K. Elpiner</i>	170 Miscellaneous Skin Diseases <i>Lisa V. Reiter and Sheila M. F. Torres</i>
99 Spotted Fever and Typhus Group <i>Rickettsia</i> <i>Linda Kidd</i>	123 Urolithiasis in Small Animals <i>Alice Defarges, Michelle Evason, Marilyn Dunn, and Allyson Berent</i>	146 Tumors of the Urinary Tract <i>Pedro A. Boria</i>	<b>섹션 13</b> <b>뼈 및 관절 질환</b>
100 Lyme Borreliosis <i>Merryl P. Littman</i>	124 Prostatic Diseases <i>Serge Chalhoub</i>	147 Tumors of the Male Reproductive System <i>Trina Hazzah</i>	171 Skeletal Development and Homeostasis <i>Matthew J. Allen and Gert J. Breur</i>
101 Leptospirosis <i>Katharine F. Lunn</i>	125 Management of Chronic Renal Disease <i>Jessica Quimby</i>	148 Gynecologic Cancers <i>Trina Hazzah</i>	172 Metabolic Bone Diseases <i>Keren E. Dittmer</i>
102 Yersiniosis <i>Maria Grazia Pennisi</i>	126 The Role of Dialysis <i>Adam E. Eatroff</i>	149 Mammary Cancer <i>Julie Bulman-Fleming</i>	173 Osteoarthritis in Small Animals <i>Steven A. Martinez</i>
103 Tularemia <i>Linda Kidd</i>	127 Micturition and Associated Disorders <i>Julie K. Byron</i>	150 Tumors of Bone and Joint <i>Stephanie L. Shaver, William T. N. Culp, and Robert B. Rebhun</i>	174 Developmental Orthopedic Diseases <i>Gert J. Breur, N. E. Lambrechts, and H. A. Towle Millard</i>
104 Q Fever <i>Linda Kidd</i>	128 Urinary Tract Infections <i>Nicole Smees</i>	151 Soft Tissue Sarcomas <i>Lauren Askin Quarterman</i>	<b>섹션 14</b> <b>수의학의 사회적 및 윤리적 문제</b>
105 Brucellosis <i>Erin E. Runcan</i>	<b>섹션 11</b> <b>중앙 질환</b>	152 Hemangiosarcoma <i>Christine B. Oakley and John D. Chretien</i>	175 Canine and Feline End of Life Care <i>Robin Downing</i>
106 Tetanus and Botulism <i>Andrea Fischer</i>	129 Approach to the Cancer Patient <i>Lisa DiBernardi</i>	153 Melanoma <i>Philip J. Bergman</i>	<b>섹션 15</b> <b>예방 간호</b>
107 Anthrax <i>Wayne E. Wingfield and Jerry J. Upp</i>	130 Biology of Cancer and Cancer Genetics <i>Mary-Keara Boss</i>	154 Non-melanoma Skin Cancers <i>Barbara E. Kitchell</i>	176 Role of Immunization <i>Melissa Kennedy</i>
108 Actinomyces, Nocardiosis, and Mycobacterial Infections <i>Joanna Whitney and Vanessa R. Barrs</i>	131 Endocrine Manifestations of Cancer: Ectopic Hormone Production <i>Cory Brown</i>	155 Mast Cell Neoplasia <i>Zachary M. Wright</i>	177 Behavior Triage for Internists and the General Practitioner <i>Karen Sueda</i>
109 Fungal Infections <i>Jane E. Sykes</i>	132 Paraneoplastic Syndromes <i>Cory Brown</i>	156 Apheresis in Companion Animals <i>Steve Suter</i>	<b>섹션 16</b> <b>실험실 지원</b>
110 Protozoal and Protozoa-Like Infections <i>Gad Baneth and Laia Solano-Gallego</i>		<b>섹션 12</b> <b>피부 및 귀 질환</b>	Index
111 Coccidia <i>Chris Adolph</i>		157 Approach to the Patient with Dermatologic Disease <i>Lisa V. Reiter</i>	