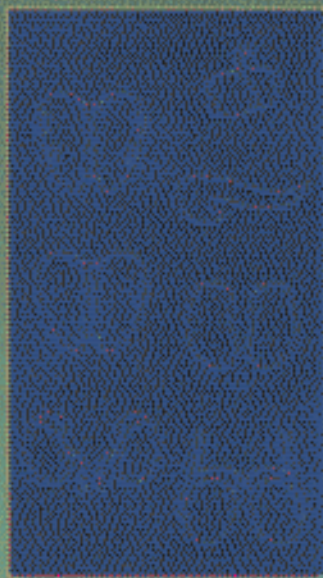


Feldman and Nelson

Canine and Feline

**Endocrinology
and Reproduction**



THIRD EDITION

SAUNDERS

CONTENTS

Section One

THE PITUITARY GLAND1

Chapter 1

Water Metabolism and Diabetes Insipidus2

Chapter 2

Disorders of Growth Hormone45

Section Two

THE THYROID GLAND85

Chapter 3

Hypothyroidism86

Chapter 4

Feline Hyperthyroidism (Thyrotoxicosis)152

Chapter 5

Canine Thyroid Tumors and Hyperthyroidism219

Section Three

THE ADRENAL GLAND251

Chapter 6

Canine Hyperadrenocorticism (Cushing's Syndrome)252

Chapter 7

Hyperadrenocorticism in Cats (Cushing's Syndrome)358

Chapter 8

Hypoadrenocorticism (Addison's Disease)394

Chapter 9

Pheochromocytoma and Multiple Endocrine Neoplasia440

Chapter 10

Glucocorticoid Therapy464

<i>Section Four</i>	
THE ENDOCRINE PANCREAS	485
Chapter 11	
Canine Diabetes Mellitus	486
Chapter 12	
Feline Diabetes Mellitus	539
Chapter 13	
Diabetic Ketoacidosis	580
Chapter 14	
Beta-Cell Neoplasia: Insulinoma	616
Chapter 15	
Gastrinoma, Glucagonoma, and Other APUDomas	645
 <i>Section Five</i>	
PARATHYROID GLAND	659
Chapter 16	
Hypercalcemia and Primary Hyperparathyroidism	660
Chapter 17	
Hypocalcemia and Primary Hypoparathyroidism	716
 <i>Section Six</i>	
RENAL HORMONES AND ATRIAL NATRIURETIC HORMONE	743
Chapter 18	
Renal Hormones and Atrial Natriuretic Hormone	744
 <i>Section Seven</i>	
CANINE FEMALE REPRODUCTION	751
Chapter 19	
Ovarian Cycle and Vaginal Cytology	752
Chapter 20	
Breeding, Pregnancy, and Parturition	775
Chapter 21	
Periparturient Diseases	808
Chapter 22	
Induced Abortion, Pregnancy Prevention and Termination, and Mismatching	835

Chapter 23	
Cystic Endometrial Hyperplasia/Pyometra Complex	852
Chapter 24	
Infertility, Associated Breeding Disorders, and Disorders of Sexual Development	868
Chapter 25	
Vaginal Defects, Vaginitis, and Vaginal Infection	901
Chapter 26	
Brucellosis and Transmissible Venereal Tumor	919
<i>Section Eight</i>	
CANINE MALE REPRODUCTION	929
Chapter 27	
Clinical and Diagnostic Evaluation of the Male Reproductive Tract	930
Chapter 28	
Disorders of the Penis and Prepuce	953
Chapter 29	
Disorders of the Testes and Epididymides	961
Chapter 30	
Prostatitis	977
Chapter 31	
Infertility	987
Chapter 32	
Artificial Insemination, Fresh Extended Semen, and Frozen Semen	1005
<i>Section Nine</i>	
FELINE REPRODUCTION	1015
Chapter 33	
Feline Reproduction	1016