

**FELINE REPRODUCTION:
A Manual for Cat Breeders and Veterinarians**

TABLE OF CONTENTS

CHAPTER ONE: THE NORMAL ESTROUS CYCLE

Female Anatomy
Stages of the Estrous Cycle
Copulatory Ovulation
Spontaneous Ovulation
Breeding Management
Record Keeping
Control of Estrus and Reproduction

CHAPTER TWO: NORMAL PREGNANCY

Hormonal Events of Pregnancy
Pregnancy Diagnosis
Prediction of Due Date
Care of the Pregnant Queen
Medications and Pregnancy
Preparing for Delivery
Stages of Labor

CHAPTER THREE: PROBLEMS WITH LABOR AND DELIVERY

Uterine torsion
Uterine Ruptures and Tears
Uterine Prolapse
Dystocia
Cesarean Section

CHAPTER FOUR: POSTPARTUM PROBLEMS

Eclampsia
Mastitis
Metritis
Retained Placentas
Inadequate Milk Production
Intussusception

CHAPTER FIVE: PREGNANCY LOSS

Resorptions and Abortions
Causes of Pregnancy Loss

CHAPTER SIX: INFERTILITY IN THE QUEEN

Vaginal Cytology
Common Causes of Infertility in the Queen
True Primary Anestrus
Persistent Anestrus
Infrequent Estrus
Prolonged Estrus
Infertility with Normal Estrus
Cystic Endometrial Hyperplasia and Endometritis
Pyometra

CHAPTER SEVEN: THE TOM CAT

Male Anatomy
Problems with Mating Behavior
Vasectomy
Diseases and Conditions of the Penis
Diseases and Conditions of the Testicles
Orchitis
Cryptorchidism
Infertility
Semen Collection and Examination

CHAPTER EIGHT: EARLY-AGE SPAY AND NEUTER

Guidelines for Early-Age Alter Surgeries
Anesthesia and Surgery Protocols for Veterinarians

CHAPTER NINE: SELECTING NEW BREEDING STOCK

Reproductive Performance
Infectious Diseases
Genetic Diseases
Blood Types and Neonatal Isoerythrolysis

CHAPTER TEN: KITTEN LOSSES

Normal Litter Size
Stillbirths
Congenital Defects
Pre-weaning Mortality

GLOSSARY

INDEX TO PHOTOGRAPHS

INDEX TO TABLES

INDEX TO FIGURES

SELECTED REFERENCES

Selected Feline Reproduction References
Selected Early-Age Spay and Neuter References
Resource Books for Breeders
Veterinary Textbooks with Feline Reproduction Information

DRUG FORMULARY