

Table of Contents

Chapter 1. Introduction, General Husbandry, and Disease Prevention.

Introduction.

Sources of Information.

Taxonomy, History, and Behavior.

Regulatory Considerations.

Genetically Modified Mice.

Equipment Needs.

Major Concerns in Husbandry.

Factors Predisposing to Disease.

Allergies to Rabbits and Rodents.

Sources of Information.

Chapter 2. Biology and Husbandry.

The Rabbit.

The Guinea Pig.

The Chinchilla.

The Hamster.

The Gerbil.

The Mouse.

The Rat.

Chapter 3. Clinical Procedures.

Sample Collection.

Hematology, Clinical Chemistry, and Urinalysis.

Medical Imaging.

Ophthalmology.

Administration of Drugs and Formulary.

Anesthesia.

Analgesia.

Surgery.

Dental Procedures in Rabbits and Rodents.

Serologic Testing for Colony Health Surveillance.

Other Special Techniques.

Euthanasia.

Chapter 4. Clinical Signs and Differential Diagnoses.

The Rabbit.

The Guinea Pig.

The Chinchilla.

The Hamster.

The Gerbil.

The Mouse.

The Rat.

Chapter 5. Specific Diseases and Conditions.

Acariasis (Mite Infections).

Anorexia and Reduced Food Intake.

Bordetella bronchiseptica Infections.

Buphthalmia in Rabbits.

Cestodiasis (Tapeworm Infestations).

Cilia-Associated Respiratory Bacillus Infections.

Coccidiosis (Hepatic) in Rabbits.

Coccidiosis (Intestinal).

Coronavirus Infections.

Corynebacterium kutscheri Infections.

Cryptosporidiosis.

Dermatophytosis (Ringworm).

Encephalitozoonosis.

Enteropathies.

Epilepsy in Gerbils.

Gastric Stasis in Rabbits.

Hantavirus Infections.

Heat Prostration.

Helicobacter Infections.

Hematuria and Pigmented Urine.

Hypovitaminosis C (Scurvy) in Guinea Pigs.

Lawsonia Infections (Proliferative Ileitis of Hamsters).

Listeriosis.

Lymphocytic Choriomeningitis Virus Infection.

Malocclusion and Dental Disease.

Mastitis.

Mousepox (Ectromelia Virus).

Murine Encephalomyelitis.

Murine Mycoplasmosis.

Murine Norovirus Infections.

Myiasis (Fly Strike)—Primary.

Myiasis (Fly Strike)—Secondary.

Myxomatosis.

Nasal Dermatitis (Sore Nose) in Gerbils.

Neoplasia.

Nephrosis.

Oxyuriasis (Pinworms).

Parvovirus Infections.

Pasteurella multocida Infections.

Pasteurella pneumotropica Infections.

Pediculosis.

Pneumocystosis.

Pododermatitis.

Pregnancy Toxemia.

Rabies Virus Infection.

Ringtail.

Rotavirus Infections.

Salmonellosis.

Sendai Virus Infections.

Spirochaetosis.

Splayleg in Rabbits.

Staphylococcosis.

Streptococcus pneumoniae Infections in Rodents

Streptococcus zooepidemicus Infections in Guinea Pigs.

Transmissible Colonic Hyperplasia in Mice.

Tularemia.

Tyzzer's Disease.

Ulcerative Dermatitis (Moist Dermatitis).

Urolithiasis.

Venereal Spirochetosis (Treponematosis).

Viral Hemorrhagic Disease in Rabbits.

Chapter 6. Case Reports.

The Rabbit.

The Guinea Pig.

The Chinchilla.

The Hamster.

The Gerbil.

The Mouse.

The Rat.

Suggested Solutions.

Rabbits.

Guinea Pigs.

Chinchillas.

Hamsters.

Gerbils.

Mice.

Rats.

Index.