

Table of Contents

WELCOME!

- Welcome To The Course (Video)
- About the Instructor, Dr. Mark
- How to Take This Course, Course Notebook, and Disclaimer
- Support From Dr. Mark (Video)

CHAPTER 1. THE ETHICS OF WILDLIFE CAPTURE AND HANDLING

- 1.1 The Ethics of Wildlife Capture and Handling (Video)

CHAPTER 2. FIVE PREPARATION STEPS

- 2.1 Introduction and Step 1. The Big Picture
- 2.2 Step 2. Step by Step Protocol (Video)
- 2.3 Step 3. Equipment List
- 2.4 Step 4. Drugging Field Form (Video)
- 2.5 Step 5. Euthanasia and Other Topics Often Neglected

CHAPTER 3. RECORD KEEPING AND LEGAL RESPONSIBILITIES

- 3.1 Basic Legal Responsibilities
- 3.2 U.S. Legal Responsibilities (Video)
- 3.3 A Core Foundation for Record Keeping

CHAPTER 4. DRUG DELIVERY SYSTEMS

- 4.1 Direct Drug Delivery - Working With Hand Syringes (Video)
- 4.2 Direct Drug Delivery - Pole Syringes (Video)
- 4.3 Principles of Remote Drug Delivery
- 4.4 Anatomy of A Remote Drug Delivery System – Projectors, Darts, and Needles (Video)
- 4.5 Three Remote Drug Delivery Companies (Video)

CHAPTER 5. IMMOBILIZING DRUGS

- 5.1 Drug Dose Calculations Primer
- 5.2 Terminology
- 5.3 Dissociative Anesthetics
- 5.4 Sedatives (Alpha2 agonists) and Tranquilizers
- 5.5 Opioids
- 5.6 Reversals and Accessory Drugs
- 5.7 Drug Combinations

CHAPTER 6. PRINCIPLES OF CHEMICAL IMMOBILIZATION

- 6.1 Anesthesia vs Sedation and Overcoming the Threshold (Video)
- 6.2 The Steps of a Chemical Immobilization (Video)

CHAPTER 7. GENERAL ANIMAL CARE

- 7.1 General Animal Care - Attitudes, Ground Cloth, Headcover, and Body Position (Video)

CHAPTER 8. ANIMAL CARE - PATIENT MONITORING

- 8.1 Physical Exam (Video)
- 8.2 TPRs - Why, How Often, and What Do I Need? (Video)
- 8.3 Temperature
- 8.4 Pulse (Heart Rate) (Video)
- 8.5 Respiration
- 8.6 Color of the Gums and Capillary Refill Time (CRT) and Pulse Oximeters (Video)
- 8.7 How to Record TPRs - The Drugging Field Form (Video)
- 8.8 Putting It All Together and Learning Activity (Video)

CHAPTER 9. ANIMAL PROCESSING PROCEDURES

- 9.1 Introduction to Animal Processing Procedures
- 9.2 Preventative Measures - Drug Vials, Antibiotics, and Pain Management
- 9.3 Marking - Eartagging, Tattooing, Radio-collaring, Microchips (Video)
- 9.4 Blood Collection - Equipment, Best Practices, Tips for Success (Video)
- 9.5 Blood Collection - Collection Sites and Technique (Video)
- 9.6 Tooth Collection - Best Practices (Video)

CHAPTER 10. VETERINARY EMERGENCIES

- 10.1. Hypothermia, Hyperthermia, Low Respirations, Shock (Video)
- 10.2. Bloat and Aspiration Pneumonia (Video)
- 10.3. Seizures, Capture Myopathy, and Injuries (Video)

CHAPTER 11. EUTHANASIA

- Euthanasia

CHAPTER 12. HUMAN SAFETY

- 12.1 Human Safety Protocols for Wildlife Chemical Capture

WRAP UP

- Wrap Up and Getting Your Certificate of Training (Video)