TABLE OF CONTENTS

Handbook of Wildlife Chemical Immobilization 5th Edition

Legalities of Drug Use Records Ordering and Storage Labeling Expiration Dates Human Consumption of Drugged Animals

Drugs Used for Animal Capture

Drug Characteristics
Calculating Drug Doses

Drug Combinations

Neuromuscular Blocking Drugs

Tranquilizers/Sedatives

Phenothiazine Agonists

Butyrophenone Agonists

Benzodiazepine Agonists

Alpha-2 Adrenoceptor Agonists

Long-acting Tranquilizers

Immobilants

Cyclohexanes

Opioids

Alfaxalone

Propofol

Inhalation Anesthetics

Antagonists

Opioid

Alpha-2 adrenoceptor

Benzodiazepine

Adjuvants

Equipment Used for Animal Capture

Syringes and Needles

Pole Syringes

Remote Drug Delivery Systems

Blow Pipes

Dart Guns

Darts

Range Finders

Laser Sights

Dot Sights

Monitoring Equipment
Oxygen
Equipment and Supply Checklist
List of Manufacturers

Animal Capture: Putting It All Together

Capture-related Stress and Mortality
Rules of Animal Capture
Considerations Prior to Animal Immobilization
Preparation
Approach
Administration Sites
Immobilization Signs
Incomplete Immobilization
Handling the Immobilized Animal
Transport of the Immobilized Animal
Recovery from Immobilization

Animal Medical Treatment

Recovery of Lost Darts Urban Wildlife Capture

Euthanasia

Respiratory Depression/Arrest
Hyperthermia
Hypothermia/Frostbite
Shock
Bloat
Vomiting/Aspiration
Capture Myopathy
Seizures/Convulsions
Wounds
Cardiac Arrest
Dehydration
Analgesics
Veterinary First Aid Kit Checklist

Human Medical Treatment

Preventative Measures
Rules for Accidental Exposure
Specific Emergency Treatments
Opioids
Cyclohexanes
Neuromuscular Blocking Agents
Tranquilizers/Sedatives
Human First Aid Checklist

Drug Doses

BAM Quick Reference Chart

References

Glossary

Index.