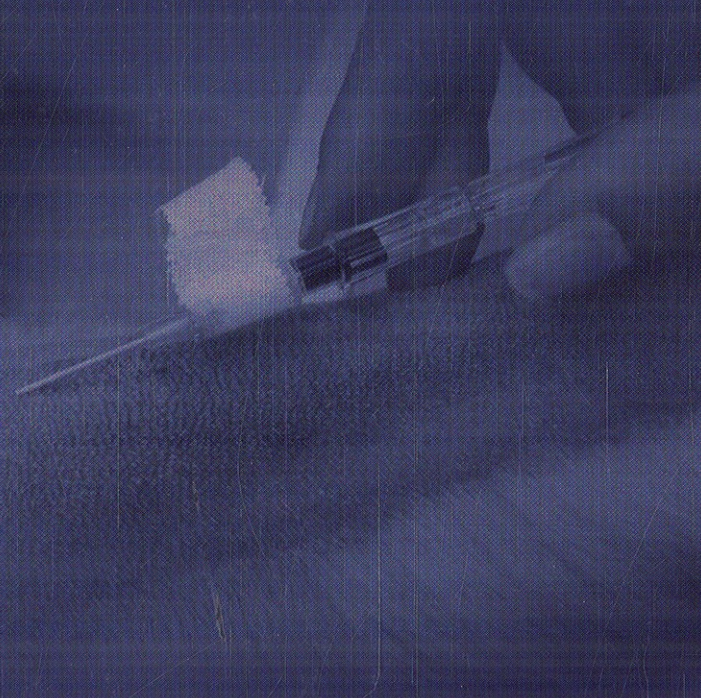
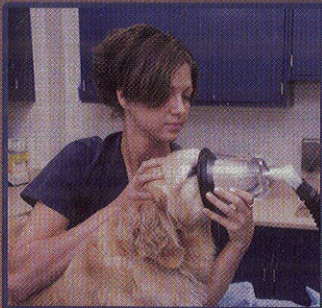


Fourth Edition

# ANESTHESIA and ANALGESIA

for Veterinary Technicians



**John A. Thomas**  
**Phillip Lerche**

ELSEVIER  
MOSBY

<http://evolve.elsevier.com>

- 1. Introduction to Anesthesia 1**
  - 2. Patient Preparation 5**
  - 3. Anesthetic Agents and Adjuncts 50**
  - 4. Anesthetic Equipment 96**
  - 5. Anesthetic Monitoring 138**
  - 6. Special Techniques 183**
  - 7. Analgesia 206**
  - 8. Canine and Feline Anesthesia 233**
  - 9. Equine Anesthesia 265**
  - 10. Ruminant and Swine Anesthesia 283**
  - 11. Rodent and Rabbit Anesthesia 298**  
*Paul Flecknell*
  - 12. Anesthetic Problems and Emergencies 319**  
*K. Wayne Hollingshead*
  - 13. Workplace Safety 351**  
*Diane McKelvey*
- Answer Key 365**
- Glossary 381**
- Index 389**

## Appendixes

- A American College of Veterinary Anesthesiologists Monitoring Guidelines Update, 2009 367**
- B Nitrous Oxide 370**
- C Use of Nonprecision Vaporizers 373**
- D Procedure for Operation of a Closed Rebreathing System 375**
- E Standard Volumes, Weights, Measures, and Equivalents 376**
- F Equipment and Drugs for Use in an Emergency Crash Kit 379**