

Key Features:

- The latest information on complementary and alternative strategies for pain management offers the guidance to help you incorporate non-pharmacologic treatments into their pain management programs.
- Numerous boxes and tables summarize pharmacologic protocols and clinical applications, with dosages, indications, contraindications and side effects to provide you with the comprehensive drug information needed to find the most effective and appropriate treatment.
- User-friendly format helps you quickly and easily find essential information.
- Case studies illustrating realistic clinical scenarios help you learn how to assess and manage pain in the clinical setting.

New to this edition:

- **NEW! Eight new chapters include the latest information on:**
 - the human-animal bond
 - local and regional techniques
 - preventive and multimodal analgesia
 - energy modalities
 - acupuncture
 - physical examination with emphasis on isolating and locating pain
 - therapeutic goals
 - pain in laboratory animals
- **NEW! Completely updated drug information**, with new agents, doseforms and routes provides the most current pain management therapies for use in the clinical setting.
- **NEW! Expanded sections on the cat and exotics** address the growing popularity of these pets by providing additional species-specific information.

Περιεχόμενα:

1. The Human-Animal Bond and Pain
2. Nociception and Pain Mechanisms
3. Pain: Physiologic Consequences and Stress
4. Pain Nomenclature
5. Pain Behaviors and Pain Assessment Scales
6. Quality of Life Assessment
7. Drug Classes and Drugs Used for Pain Therapy: An Overview
8. NSAIDs
9. Opioids
10. Alpha-2s
11. Local Anesthetics
12. Local and Regional Anesthetic Techniques
13. Corticosteroids
14. Other “Drugs” and Injectable Modalities

- 15. Drug Delivery Methods**
- 16. Preventative” and “Multimodal” Analgesia; “Masking” and Pitfalls: Theory and Consequences**
- 17. Energy Modalities: Therapeutic Laser and Pulsed Electromagnetic Field Therapy**
- 18. Acupuncture**
- 19. Physical Rehabilitation and Exercise**
- 20. Physical Examination with Emphasis on Isolating and Detecting Pain**
- 21. Therapeutic Goals**
- 22. Acute Pain Cases**
- 23. Chronic Pain Cases**
- 24. Cat Specific Considerations**
- 25. Rabbit and Small Mammal Specific Considerations**
- 26. Bird Specific Considerations**
- 27. Reptile Specific Considerations**
- 28. Regulations in Pain and Distress in Laboratory Animals**