

TABLE OF CONTENTS – Zoo and Wild Animal Medicine : Current Therapy, Volume 7

- **SECTION 1: GENERAL**

1. Disease Risk Analysis in Wildlife Health Field Studies
2. Contraception
3. Conservation Medicine for Zoo Veterinarians
4. Veterinary Challenges of Mixed Species Exhibits
5. Cowpox in Zoo Animals
6. Disaster Preparation for Captive Wildlife Veterinarians
7. Guidelines for the Management of Zoonotic Diseases
8. Integrated Pest Management
9. Noninvasive Techniques to Assess Health and Ecology of Wildlife Populations
10. Culture and Media Shifts Cast New Light on Animal Care, Pose Challenges and Opportunities for Veterinarians
11. Dangerous Animal Crisis Management
12. Sustainable Practices for Zoological Veterinary Medicine
13. Anthrax in Free-Ranging Wildlife
14. Cyanobacterial Bio-Intoxication in Free-Ranging Wildlife
15. Children's Zoo Medicine
16. AAZV Guidelines for Zoo and Aquarium Veterinary Medical Programs and Veterinary Hospitals
17. Fundamentals of Zoo Animal Surgery
18. Emerging Diseases at the Interface of People, Domestic Animals, and Wildlife
19. Depth of Anesthesia Monitoring by Bispectral Analysis in Zoo Animals

20. Approaching Health Problems at the Wildlife-Domestic Animal Interface

21. Wildlife Disease Ecology: What Can Zoo and Wildlife Veterinarians Learn from this Discipline?

SECTION 2: AQUATIC

22. Medical Management of Rays

23. Basic Water Quality Evaluation for Zoo Veterinarians

24. The Mechanics of Aquarium Water Conditioning

25. Advanced Water Quality Evaluation For Zoo Veterinarians

26. Quarantine of Fish and Aquatic Invertebrates in Public Display Aquaria

SECTION 3: REPTILE AND AMPHIBIAN

27. Behavioral Training of Reptiles for Medical Procedures

28. The Diagnosis and Control of Amphibian Chytridiomycosis

29. Mycobacteriosis in Amphibians

30. Amphibian Viral Diseases

31. Sea Turtle Rehabilitation

32. Reptile and Amphibian Analgesia

33. Virology of Non-Avian Reptiles: An Update

34. Hellbender Medicine

SECTION 4: AVIAN

35. Avian Mycobacterial Disease

36. Feather Follicle Extirpation: Operative Techniques to Prevent Zoo Birds from Flying

37. Squamous Cell Carcinoma in Buceros Hornbills

38. The California Condor (*Gymnogyps Californianus*) Veterinary Program: 1997-2010

39. Avian Circovirus and Polyomavirus Diseases

40. Veterinary Care of Kakapo

- 41. Avian Analgesia
- 42. Pre-Hatch Protocols to Improve Hatchability
- 43. West Nile Virus in Raptors
- 44. Diagnosis of Aspergillosis in Avian Species
- 45. Avian Influenza H5N1 Virus: Epidemiology in Wild Birds, Zoo Outbreaks and Zoo Vaccination Policy
- 46. Non-Steroidal Anti-Inflammatory Drugs in Raptors
- 47. Haemosporidian Parasites: Impacts on Avian Hosts

SECTION 5: MAMMALS

- 48. Rabies Management in Wild Carnivores

SECTION 6: EDENTATES

- 49. Feeding and Nutrition of Anteaters

SECTION 7: MARSUPIALS

- 50. Tasmanian Devil Facial Tumor Disease
- 51. Viral Chorioretinitis of Kangaroos

SECTION 8: PRIMATES

- 52. Degenerative Skeletal Diseases of Primates
- 53. Cardiovascular Disease in Great Apes
- 54. Ebola Hemorrhagic Fever
- 55. Use of Computertomography to Diagnose Sinusitis and Air Sacculitis in Orangutans (*Pongo Pygmaeus*, *Pongo Abellii*)

SECTION 9: CHIROPTERA

- 56. White-Nose Syndrome in Cave Bats of North America

SECTION 10: CARNIVORES

- 57. Updated Vaccination Recommendations for Carnivores
- 58. Medical Management of Maned Wolves (*Chrysocyon Brachyurus*)

59. Primer on Tick-Borne Diseases in Exotic Carnivores

60. Ageing In Large Felids

61. Star-Gazing in Lions

62. Pyometra in Large Felids

SECTION 11: MARINE MAMMALS

63. Longitudinal Monitoring of Immune System Parameters and Associated Applications to Health Management of Captive and Free-Ranging Cetaceans

64. Ocular Disease and Suspected Etiologies in Captive Pinnipeds

SECTION 12: ELEPHANTS

65. Elephant Herpesviruses

66. Female Elephant Reproduction

67. Digital Radiography of the Elephant Foot

68. Laparoscopic Surgery in Elephants and Rhinoceros

69. Elephant Neonatal and Pediatric Medicine

70. Treatment of Elephant Endotheliotropic Herpesvirus (EEHV)

SECTION 13: PERRISSODACTYLA

71. Rhinoceros Theriogenology

72. Asian Wild Horse Reintroduction Program

SECTION 14: ARTIODACTYLIDS

73. Management of Cryptosporidiosis in a Hoofstock Contact Area

74. Bluetongue Lessons from the European Outbreak 2006-2009

75. Alternatives for Gastrointestinal Parasite Control in Exotic Ruminants

76. Thiafentanil Oxalate (A3080) in Non-Domestic Ungulate Species

77. The Use of Butorphanol in Anesthesia Protocols for Zoo and Wild Mammals

78. Importation of Non-Domestic Ruminant Semen for Management of Zoological Populations Using Artificial Insemination

79. Advances in Giraffe Nutrition

80. Hoof Disorders in Non-Domestic Artiodactyls

81. Johne's Disease and Free-Ranging Wildlife

82. Practical Aspects of Ruminant Intensive Care

SECTION 15: CAMELIDS

83. Mycoplasma Haemolamae in New World Camelids.