Record Nr. UNINA9911019377303321 Biology, medicine, and surgery of elephants / / [edited by] Murray E. **Titolo** Fowler, Susan K. Mikota Pubbl/distr/stampa Ames, Iowa, : Blackwell Pub., 2006 **ISBN** 9786611317812 9781281317810 1281317810 9780470344484 0470344482 9780470344118 0470344113 Edizione [1st ed.] Descrizione fisica 1 online resource (596 p.) FowlerMurray E Altri autori (Persone) MikotaSusan K Disciplina 636.9/676 Soggetti Asiatic elephant - Diseases African elephant - Diseases Captive wild animals - Diseases - Southeast Asia Captive wild animals - Diseases - Africa Veterinary medicine - Southeast Asia Veterinary medicine - Africa Veterinary surgery - Southeast Asia Veterinary surgery - Africa Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Contents; Appendices; Contributors; Acknowledgments; Introduction; 1. Taxonomy, Classification, History, and Evolution of Elephants; 2. Elephants in Captivity; 3. Laws and Legislation; 4. Behavior and Social Life; 5. Husbandry; 6. Nutrition; 7. Preventive Health Care and Physical Examination; 8. Physical Restraint and Handling; 9. Chemical Restraint and General Anesthesia; Section I: Chemical Restraint; Section II:

General Anesthesia; 10. Surgery and Surgical Conditions; 11. Infectious Diseases; 12. Parasitology; 13. Antemortem Diagnostics; Section I:

General Techniques; Section II: Radiology

14. Postmortem Diagnostics 15. Therapeutics: 16. Neonatal Care and Hand Rearing; 17. Multisystem Disorders; 18. Integument System; 19. Musculoskeletal System; 20. Foot Disorders; 21. Respiratory System; 22. Digestive System; 23. Endocrine and Immune Systems; 24. Cardiovascular System; 25. Hemolymphatic System; 26. Reproductive System; 27. Reproductive and Diagnostic Ultrasonography; 28. Reproductive Endocrinology; 29. Urinary System; 30. Nervous System; 31. Special Senses; 32. Chemical, Tactile, and Taste Sensory Systems; 33. Toxicology; 34. Zoonoses and Human Injury 35. Veterinary Problems of Geographical ConcernIntroduction; Section I Africa; Section II India; Section III Indochina and Bangladesh; Section IV Indonesia; Section V Malaysia; Section VI Myanmar; Section VII Nepal; Section VIII Sri Lanka; 36. Conservation; Appendix 1. Abbreviations Used in This Book; Appendix 2. Measurement Conversion Tables; Appendix 3. Sources for Agents Used in Sedating, Tranquilizing, Immobilizing, and Anesthetizing Elephants; Appendix 4. Toxicology Terms, Abbreviations, and Equivalents; Appendix 5. Elephant Vital Signs and Physiological Parameters Appendix 6. Glossary of Terms Associated with Elephant FeetAppendix 7. Weight Conversion Chart for Asian Elephants; Appendix 8. Conversion Between Conventional and SI Units, Hematology; Appendix 9. Conversion Between Conventional and SI Units, Blood and Fluid Chemistry; Appendix 10. AZA Standards for Elephant Management and Care; Appendix 11. Guidelines for Elephant Management and Care (EMA); Appendix 12. Guidelines for Comprehensive Elephant Health Monitoring Program (AZA/SSP); Appendix 13. Quarantine Guidelines for Elephants (AZA/SSP) Appendix 14. Recommended Elephant Preshipment Guidelines

Sommario/riassunto

Elephants are possibly the most well-known members of the animal kingdom. The enormous size, unusual anatomy, and longevity of elephants have fascinated humans for millenia. Biology, Medicine, and Surgery of Elephants serves as a comprehensive text on elephant medicine and surgery. Based on the expertise of 36 scientists and clinical veterinarians, this volume covers biology, husbandry, veterinary medicine and surgery of the elephant as known today.* Written by the foremost experts in the field* Comprehensively covers both Asian and African elephants* Complete with taxo

(AZA/SSP)Appendix 15. Transport Guidelines for Elephants (AZA/SSP);