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Nota di contenuto	Cover; Title Page; Copyright; Contributors; Foreword; Acknowledgments; Introduction; 1: What Is Infection Control and Biosecurity?; DEFINITIONS OF DISEASE CONTROL TERMINOLOGY; EPIDEMIOLOGIC LEVELS OF DISEASE CONTROL ACTIVITIES; TARGETED ELEMENTS FOR DISEASE PREVENTION; EVALUATION OF RISK, FEASIBILITY, COST, AND EFFECTIVENESS; PREVENTION INTERVENTIONS; INFECTION CONTROL: STANDARD OPERATING PROCEDURES; WRITING THE INFECTION CONTROL PLAN; EDUCATION, TRAINING, AND ENFORCEMENT; CONCLUSION; REFERENCES; 2: Microbiology Review; THE SCIENCE OF MICROBIOLOGY SPECIMEN SELECTION, COLLECTION, AND TRANSPORTLABORATORY DIAGNOSTICS; BACTERIA; FUNGI; VIRUS; PROTOZOA; PRIONS; CONCLUSION; REFERENCES; 3: "Links in the Chain" of Disease Transmission; INTRODUCTION; DEFINITIONS OF KEY TERMS; COMMON LINKS IN THE CHAIN OF DISEASE TRANSMISSION; SPREAD WITHIN

POPULATIONS; CONCLUSION; REFERENCES; 4: Zoonotic Diseases; ANTHRAX; BRUCELLOSIS; CAMPYLOBACTER; CRYPTOSPORIDIUM; GIARDIA; LEPTOSPIROSIS; METHICILLIN-RESISTANT STAPHYLOCOCCUS; RABIES; SALMONELLA; TOXOPLASMOSIS; CONCLUSION; REFERENCES; 5: Disease Prevention Strategies; INTRODUCTION CONTROLLING THE INFECTIOUS AGENTCONTROLLING THE ROUTE OF TRANSMISSION; PROTECTING THE PATIENT; CONCLUSION; REFERENCES; 6: Guidelines for Effective Cleaning and Disinfection; DEFINITION OF COMMON TERMS; HOW TO READ A DISINFECTANT LABEL; FACTORS THAT CAN ALTER THE EFFECTIVENESS OF CHEMICAL DISINFECTANTS; SPAULDING CLASSIFICATION SYSTEM; CLASSIFICATION OF CHEMICAL DISINFECTANT ACTIVITY; ADDITIONAL CONCERNS WHEN USING DISINFECTANTS; CRITERIA FOR ESTABLISHING A DISINFECTION PROTOCOL; APPLICATION OF DISINFECTANTS; Creating a Disinfection Protocol; CONCLUSION; REFERENCES; 7: Chemical Disinfectants ACIDSALKALIS; ALCOHOL; ALDEHYDES; BIGUANIDES; HALOGENS; QUATERNARY AMMONIUM COMPOUNDS; PHENOLS; OXIDIZING AGENTS; CONCLUSION; REFERENCES; 8: "Best Practice" Procedures Prior to Sterilization of Medical Equipment; CLEANING AREA DESIGN AND LOCATION; WATER AND CLEANING AGENTS USED IN THE CLEANING PROCESS; CLEANING METHODS; CLEANING PROTOCOLS; INSPECTION OF SURGICAL INSTRUMENTS; CONCLUSION; REFERENCES; 9: Packaging, Preparation for Sterilization, and Sterile Storage of Medical Equipment; PERSONNEL FACTORS; SELECTION OF PACKAGING MATERIALS; PACKAGE CONFIGURATION AND PREPARATION; LABELING PACKAGE CLOSURELOADING THE STERILIZER; UNLOADING THE STERILIZER; STERILE STORAGE; CONCLUSION; REFERENCES; 10: High-Temperature Sterilization; STRUCTURE AND MAKEUP OF A STEAM STERILIZER; BASIC TYPES OF STEAM STERILIZERS; STEAM STERILIZATION PARAMETERS; LOAD CONFIGURATION PRIOR TO STEAM STERILIZATION; WHEN WET PACKS OCCUR; STERILITY ASSURANCE; CONCLUSION; REFERENCES; 11: Low-Temperature Sterilization; BASIC REQUIREMENTS FOR ALL LOW-TEMPERATURE SYSTEMS; ETHYLENE OXIDE; HYDROGEN PEROXIDE GAS PLASMA; OZONE; LIQUID PERACETIC ACID; CONCLUSION; REFERENCES

12: Processing of Complex Medical Equipment and Specialty Processing

Sommario/riassunto

Veterinary Infection Prevention and Control is a practical guide to infection surveillance and control in the veterinary setting. Outlining the steps for designing and implementing an infection control plan, the book offers information on both nosocomial infections and zoonotic diseases to aid the veterinary team in ensuring that veterinary practices and hospitals are safe for both the animal patients and their human caregivers. Veterinary Infection Prevention and Control provides guidelines to creating standard operating procedures for effective and efficient infection control i
