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Titolo	2019 20th International Conference on Thermal, Mechanical and Multi-Physics Simulation and Experiments in Microelectronics and Microsystems : 24-27 March 2019, Hannover, Germany // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	Piscataway, New Jersey : , : Institute of Electrical and Electronics Engineers, , 2019
ISBN	1-5386-8040-8
Descrizione fisica	1 online resource (78 pages)
Disciplina	621.381011
Soggetti	Microelectronics - Simulation methods Systems engineering - Simulation methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9911018945703321
Titolo	Veterinary infection prevention and control // editors, Linda Caveney, Barbara Jones, with Kimberly Ellis
Pubbl/distr/stampa	Chichester, West Sussex ; ; Ames, Iowa, : Wiley-Blackwell, 2012
ISBN	9781119266037 1119266033 9780470961452 0470961457 9780470961445 0470961449
Descrizione fisica	1 online resource (645 p.)
Altri autori (Persone)	CaveneyLinda EllisKimberly JonesBarbara <1981->
Disciplina	636.089/44 636.08944
Soggetti	Communicable diseases in animals - Prevention Nosocomial infections - Prevention Veterinary hospitals - Sanitation Zoonoses - Control
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	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
