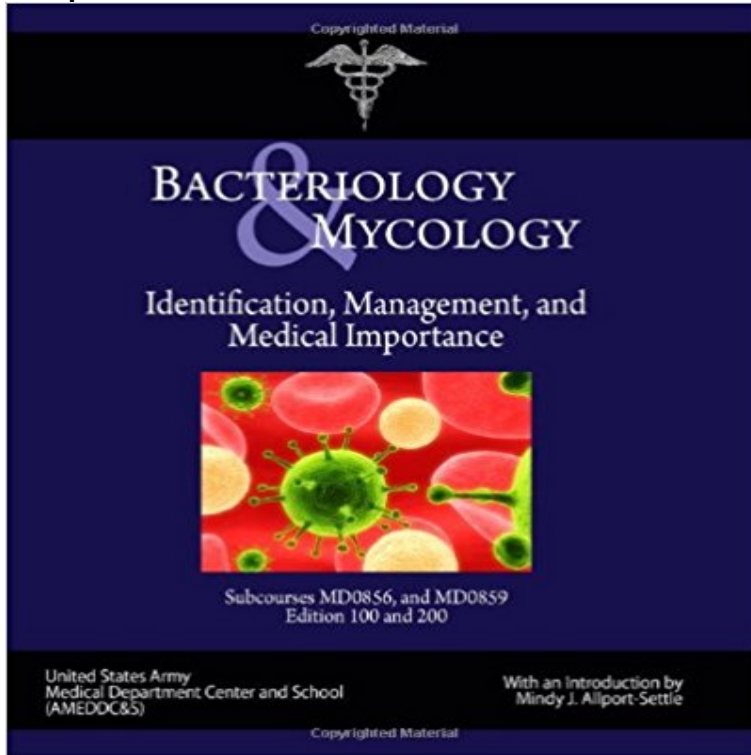


Bacteriology & Mycology: Identification, Management, and Medical Importance



This field training workbook is used as a quick reference manual for supportive care as well as guidance for the total skills competency required of medical personnel. In addition to providing the most concise information for consistent training and efficient learning, this text also provides guidance for diagnostics and self-testing. It is an indispensable tool in preparing for both standardized competencies testing and real-world practice of medical skills. The materials combined in this book provide complete, easily understandable, and well-planned learning tools for both military and civilian students. The nations nursing and medical staff shortage continues to have the potential to negatively impact the quality and safety of patient care both in civilian and military medical treatment facilities. Insufficient Army nursing capacity and in some cases low density specialties can threaten the viability of current and future AMEDD missions. The United States Army is recognized internationally as the standard for complete, efficient and effective adult education. The Army has a tradition of pioneering training systems that then transition into the corporate civilian sector. This manual has been continuously tested and updated to successfully educate every member of the modern United States Army Medical Department (AMEDD). Included Documents and Features: Bacteriology 1. Introduction - Section I. Host-Parasite Relationships - Section II. Aspects of Pathogenicity - Section III. Host Resistance - Section IV. The Bacterial Cell - Section V. Collecting and Processing of Bacteriological Specimens 2. Microscopic Examination and Cultivation of Bacteria - Section I. Microscopic Examination of Bacteria - Section II. Cultivation of Bacteria Media - Section III. Environmental Factors - Section IV. Anaerobic Methods - Section V. Antibacterial Agents, Sterilization, and

Aseptic Technique - Section VI. Isolation of Bacteria 3. Common Tests and Gram-Positive Cocci - Section I. Common Tests - Section II. Gram-Positive Cocci: Staphylococci - Section III. Gram-Positive Cocci: Streptococci - Section IV. Gram-Positive Cocci: Pneumococci 4. Gram-Negative Cocci and Gram-Positive Bacilli - Section I. Introduction - Section II. *Neisseria gonorrhoeae* - Section III. *Neisseria meningitidis* - Section IV. Gram-Positive Bacilli: *Corynebacteria* and Related Species - Section V. Gram-Positive Bacilli: *Bacillus* Species - Section VI. Gram-Positive Bacilli: Clostridia - Section VII. Gram-Positive Bacilli: *Mycobacteria* 5. Enterobacteriaceae - Section I. Introduction - Section II. Pathogenicity of Enterobacteriaceae - Section III. Enteric Media - Section IV. Preliminary Screening of Cultures for Enterobacteriaceae - Section V. Identification of Enteric Organisms 6. Other Pathogenic Gram-Negative Bacilli and Antibiotic Sensitivity Tests - Section I. *Pseudomonas* - Section II. *Brucella* - Section III. *Haemophilus* - Section IV. *Bordetella* - Section V. *Francisella tularensis* - Section VI. Miscellaneous Organisms - Section VII. Antibiotic Sensitivity Tests Mycology 1. Introduction to Medical Mycology 2. Collection and Processing Procedures for Mycological Studies 3. Saprophytic Fungi - Section I. Introduction - Section II. Zygomycetes - Section III. Deuteromycetes 4. Yeasts of Medical Importance 5. Cutaneous Fungi - Section I. Superficial Fungi - Section II. Dermatophytes 6. Subcutaneous Fungi 7. Systemic Mycoses 8. Mycological Procedures - Section I. Specimen Processing - Section II. Organism Identification 9. Media and Reagents - Section I. Media - Section II. Reagent 10. Maintaining Stock Cultures 11. Commercial Kits Exercises and Glossary Supporting Each Section

We've started our countdown to National Handbag Day on October 10, and that means we'll have special features for you every day, right up to the big event! Today, we're here to talk about the intersection of celebrity and accessories, and

more specifically, how the two can become intertwined in public consciousness for years. The kinds of stars who carry a particular bag do a lot to shape the market's perception of it and the designer who created it, which is why so many brands give out free bags to stars now: they're hoping to create positive associations. In the cases you see below, though, things came along a little bit more naturally. You can't rush love, after all. Think of a bag-celeb duo we missed? Let us know in the comments!

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