Emergency Management of Infectious Diseases

Second Edition
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Second Edition

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Every effort has been made in preparing this book to provide accurate and up-to-date information which is in accord with accepted standards and practice at the time of publication. Although case histories are drawn from actual cases, every effort has been made to disguise the identities of the individuals involved. Nevertheless, the authors, editors and publishers can make no warranties that the information contained herein is totally free from error, not least because clinical standards are constantly changing through research and regulation. The authors, editors and publishers therefore disclaim all liability for direct or consequential damages resulting from the use of material contained in this book. Readers are strongly advised to pay careful attention to information provided by the manufacturer of any drugs or equipment that they plan to use.
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Preface

The diagnosis and treatment of infectious disease represents a large and very important part of emergency medicine practice. Challenges faced by acute care practitioners on a daily basis range from the definitive treatment and discharge of a patient with a simple abscess, to recognition of a rare infection in a traveler, to resuscitation and stabilization of a patient with septic shock.

In this second edition of *Emergency Management of Infectious Diseases*, we have endeavored to produce a practical, clinically oriented, systems-based overview of the most important infectious diseases encountered in emergency practice. Our textbook covers the gamut of common viral, bacterial, fungal, and parasitic infections. For each disease, we briefly discuss microbiology, pathophysiology, and epidemiology, but the emphasis is on emergent diagnosis and treatment. The narrative is supplemented with photographs and tables highlighting key diagnostic findings and current antimicrobial recommendations, including dosing.

Acute care practitioners also act as sentinels for outbreaks of communicable and emerging infections, and are likely to be the first to encounter victims of biological weapons. In this edition, we include chapters on recent emerging infections such as Ebola and Zika, as well as rare but deadly infectious agents that can be weaponized, such as anthrax and smallpox.

We hope that our textbook can be of use to every type of practitioner that cares for patients with infectious diseases, including emergency physicians, primary care physicians and specialists, nurse practitioners, physician assistants, residents, and medical students.

We thank the many nationally and internationally respected clinicians, educators, and researchers who contributed, and hope that this second edition of *Emergency Management of Infectious Diseases* will prove an invaluable reference for practitioners confronting the spectrum of infectious disease.

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