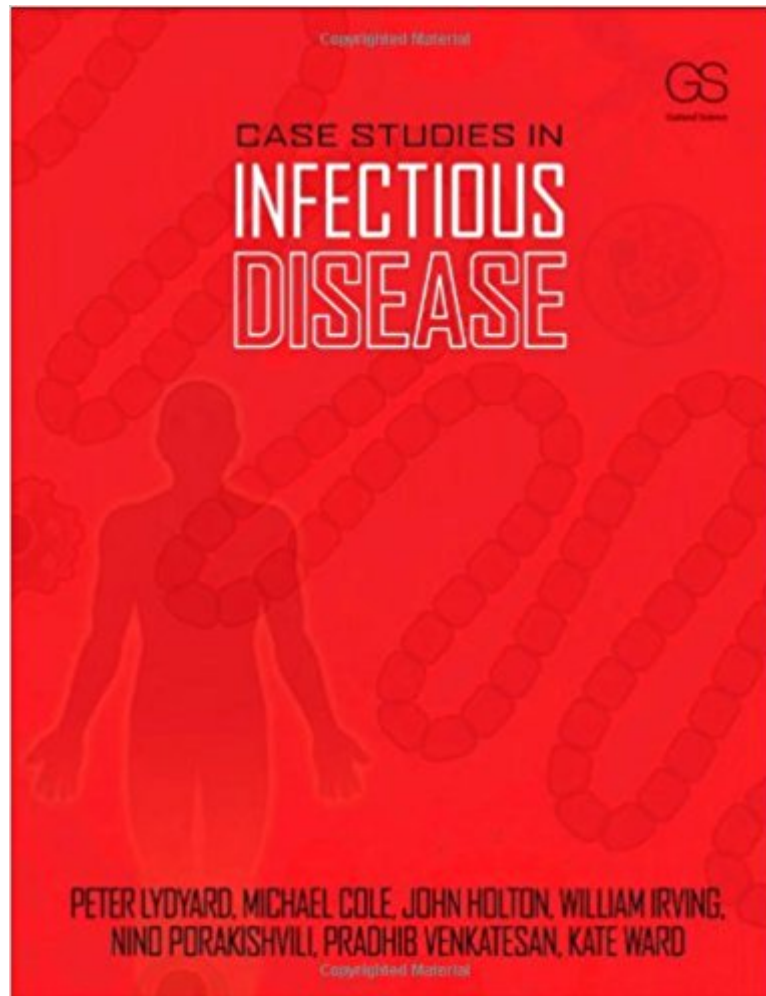




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# Case Studies In Infectious Disease



## Synopsis

Case Studies in Infectious Disease presents forty case studies featuring the most important human infectious diseases worldwide. Written for students of microbiology and medicine this book describes the natural history of infection from point of entry of the pathogen through pathogenesis, followed by clinical presentation, diagnosis and treatment. Five core sets of questions are posed in each case. What is the nature of the infectious agent, how does it gain access to the body, what cells are infected, and how does the organism spread? What are the host defense mechanisms against the agent and how is the disease caused? What are the typical manifestations of the infection and the complications that can occur? How is the infection diagnosed and what is the differential diagnosis? How is the infection managed, and what preventative measures can be taken to avoid infection? This standardized approach provides the reader with a logical basis for understanding these diverse and medically important organisms, fully integrating microbiology and immunology throughout.

## Book Information

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## Customer Reviews

"Scientifically, the chapter is accurate...the figures have been well chosen and they will help the reader to grasp the main points more readily. It was a pleasure reviewing this material..."Dr Juerg Utzinger, Swiss Tropical Institute, Switzerland(referring to Case 32. Schistosoma) "I like the use of questions to deliver teaching to students. They can easily identify with what is being discussed and how it fits in with the overall chapter. It can also quickly direct learning to the

appropriate part of the text and aid revision." Dr Gordon Ramage, Glasgow Caledonian University, UK (referring to Case 1. *Aspergillus fumigatus*) "This is an extremely well-written book that would be a useful primer for microbiology and medical students in understanding the natural history, diagnosis and treatment of many of the world's most important human infectious diseases. It may also be of benefit to the research scientist, clinical laboratory scientist and practising infectious disease physicians." Andrew Taylor-Robinson, Faculty of Biological Sciences, University of Leeds, British Society of Immunology Newsletter

Peter M Lydyard, Emeritus Professor of Immunology Royal Free and University College Medical School, London, UK and Honorary Professor of Immunology School of Biosciences, University of Westminster, London, UK Michael F Cole, Professor of Microbiology & Immunology Georgetown University School of Medicine Washington, DC, USA John Holton, Reader in Clinical Microbiology Windeyer Institute of Medical Sciences University College London, London, UK William L Irving, Professor and Honorary Consultant in Virology University of Nottingham and Nottingham University Hospitals NHS Trust Nottingham, UK Nino Porakishvili, Senior Lecturer School of Biosciences, University of Westminster, London, UK and Honorary Professor, Javakhishvili Tbilisi State University, Tbilisi, Georgia Pradhib Venkatesan, Consultant in Infectious Diseases Nottingham University Hospitals NHS Trust, Nottingham, UK Katherine N Ward, Consultant Virologist and Honorary Senior Lecturer Royal Free and University College Medical School, London, UK and Honorary Consultant Health Protection Agency, UK

this book is GREAT! It is very informative by providing case studies for all of the diseases within the book. The case studies really help you to narrow in on what signs and symptoms the patient may show. This book also shows x-rays and pictures of the disease with the case studies and explains each of them. After the case study the book will give a question and then give an in-depth answer to it. At the end of the disease section there is a short quiz. This book has helped me on so many different infectious diseases in nursing school to really help me apply the theoretical knowledge! It also has me interested in becoming an infectious disease nurse!

Great book, great price! You really can't go wrong! I highly recommend this product - be sure to pick it up! It will help you in any courses you are taking in Microbiology or Infectious Disease!

This book did not satisfy my need of getting a quick necessary information to get on with essential

functions of a primary care physician. It is written for a person who already knows the field very clearly but it would confuse a novice in the field.

This book might be too technical for someone without a background in immunology. It was the recommended textbook for a graduate class I'm taking. It has forty chapters and each chapter is a different infectious disease. Each chapter starts with a small case study and then it explains the disease step by step. It tells you the microorganism, how it damages the body, how the body responds, possible symptoms and complications, treatment and prevention. Nurses will get minimal use out of this book as they do not treat, diagnose, nor test for pathogens. But Medical students and Microbiology students will want to keep this on their shelf. The book also comes with an online glossary available at the publishers website, unfortunately not all the words they claim to be in the glossary are (but most are and with Google you can find the rest). Each chapter also has a summary for those who are too lazy to study and a few end questions to see if you understood the topic.

There were only two sentences devoted to ME (CFS) a common and extremely disabling neuroendocrine immune disease known since the 1980s to be associated with multiple viral and bacterial infections including retrovirus infection and b cell lymphomas.

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