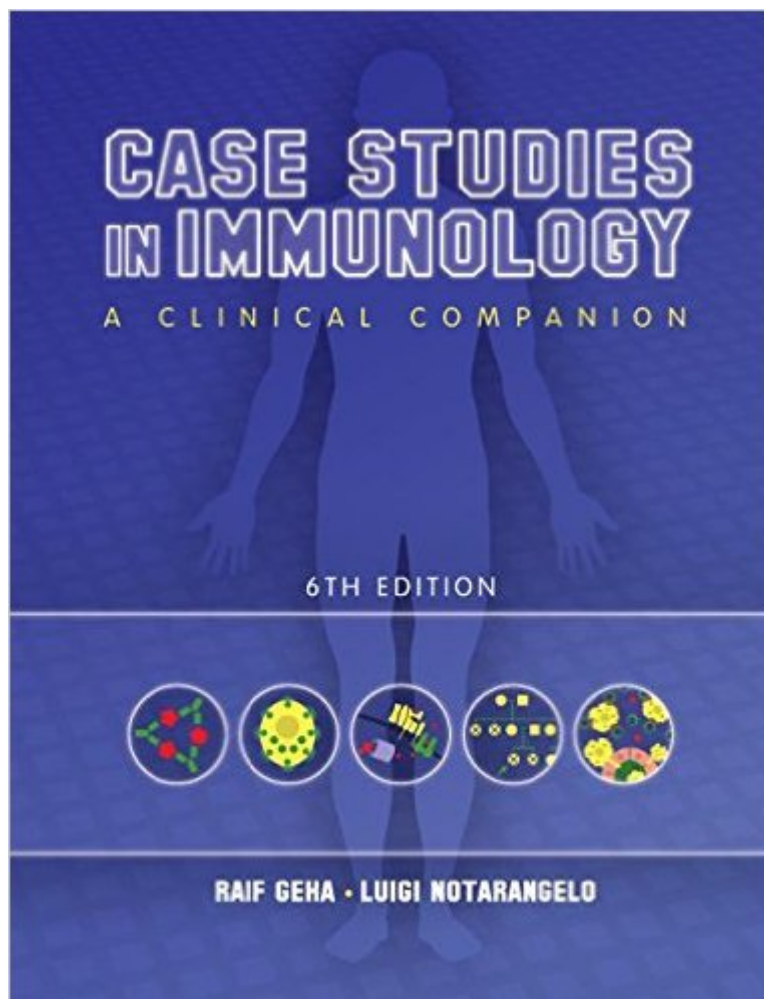


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# Case Studies In Immunology: A Clinical Companion (Geha, Case Studies In Immunology: A Clinical Companion)



## Synopsis

Case Studies in Immunology, Sixth Edition, presents major topics of immunology through a selection of clinical cases that reinforce and extend the basic science. The case histories illustrate essential points about the mechanisms of immunity and describe immunological problems seen in the clinic. This new edition vividly illustrates the importance of an understanding of immunology in diagnosis and therapy. Case Studies in Immunology highlights major common disorders of immunity, including hypersensitivity types I-IV, immune deficiencies, and autoimmune disorders. Each case history is preceded by basic scientific facts essential to understanding the immunology behind the specific disorders. An end-of-case summary, questions, and discussion points conclude each case. Case Studies in Immunology can be used as a stand-alone book, or as a clinical companion alongside Janeway's Immunobiology, Eighth Edition. A marginal icon in Janeway's Immunobiology provides the reader with a link to the relevant Case Study, where the science is applied in a clinical setting. The book includes a total of 53 cases. The Sixth Edition is extensively revised and updated and includes ten new cases: DiGeorge Syndrome Hemophagocytic Lymphohistiocytosis Chediak-Higashi Syndrome Hyper IgE Syndrome Ataxia Telangiectasia Warts, Hypogammaglobulinemia, Infections, and Myelokathexis (WHIM) Syndrome Severe Congenital Neutropenia Recurrent Herpes Simplex Encephalitis Systemic Onset Juvenile Idiopathic Arthritis Crohn's Disease

## Book Information

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## Customer Reviews

The book is full of high yield tables and figures. I think is useful for the USMLE but only after reading another source like Medical Microbiology and Immunology Examination and Board Review or from Kaplan. It also has many interesting questions at the end of each case. Is a very well organized text; don't think that you're going to see only cases and questions, NOT it begins each case with the basic concepts in that topic, then the case, and detail explanations of the disease, and some questions. If you don't have the time to read the complete text, I think that you can do very well just with the tables and Figures(full color), it contains some MRIs, CT, x-rays, and electron microscopies. Most of the cases are about the most high yield diseases (immunologic diseases) found in the USMLE and some are about diseases that you may have never heard but that may be tested as gene knock-outs or mutations cases. Is useful for USMLE Step 1,2 and 3 since it gives you basic concepts, pathogenesis and explanations about treatment.

My use of this book is probably a little different from most of the other reviewers here. My medical school immunology course used a different book (Lippincott's Immunology, which is passable); a year later, while studying for my USMLE step 1, I didn't want to waste time re-reading the basics in a textbook (i.e. I didn't need to read a 20-page chapter about the difference between innate and adaptive immunity). I also wasn't satisfied with the level of detail in my review books, which were fine for physiology but very weak in describing genetic immunodeficiency syndromes. That's the benefit of this book-- the basics are there, but are integrated into cases alongside more "advanced" concepts. If you already have a good grasp on basic immunology (adaptive vs. innate, B vs. T, CD4 vs. CD8, Th1 vs. Th2), this is a much easier way to learn the complexities of immunodeficiency syndromes or autoimmune diseases (most of the cases in this book are one or the other). As such, I would definitely recommend using this book for a boards review of immunology (if you can spare a day or two from your review schedule to read it-- it's about 300 pages). It covers ALL the relevant immunology-- I can't imagine being surprised by an immuno question on test day if you know what's in here. That said, I would NOT recommend this book as a starting point for learning immunology (and based on some of the other reviews here, that is unfortunately how it has occasionally been used). This was never meant to be a stand-alone immunology text, and I honestly can't imagine why it would be assigned as the text for an undergraduate introductory course. There are several good introductory immunology books out there-- the one I used is Sompayrac's "How the Immune System Works," but you have lots of choices. Once you have the basics, though, this book is excellent for making the jump to clinical immunology.

Great book for beginning or intermediate immunology students. It was definitely helpful during my college (300 level) course. Case studies were interesting and illustrated broad points of immunology.

I purchased the initial edition some years back when that one originally came out, and purchased this new one recently to brush up on immunodeficiencies and they added some new cases/updated old ones based on recent literature. This is a fantastic book, period. Great diagrams and pictures, with case presentations and very well written text. A great book to learn about immunology/immunodeficiencies.

I pretty much have to write a review on this since it got me through medical school immunology. In a course that was poorly organised, this book went above and beyond in teaching me the basic concepts (the intricacies of the complement system can be difficult for a beginner!) and the really important molecular biochemistry essential to understanding how the immune system works. While there may be more details than you might need in terms of undergraduate medical education classroom exams, I bet that if you do an immunology rotation or something of the sort, you'll shine. This book is solid and I'm holding on to it through med school. The reason being, it explains a ton of immunological disorders and the types of infections and co-morbidities you're likely to encounter in a patient with them. Also, I liked the little post-it note graphics on the pages with high-yield information. This book also goes through treatments your patient should get, and even down to the dosages which is super useful. I also liked how in each case you would get lab values/results and a breakdown of what each Ig was and what it should be normally, so you have guided learning. This book also has practice questions that help you get the material down rather well. I studied this along with Abbas, but definitely spent more time with Geha & Rosen. Good luck!

The case studies were helpful as I was studying Immunology. This was a required text book for one of my classes, and although the case studies went into more depth than I needed, it was always helpful for the test. I really liked that there were answers in the back of the book, it helped me to know if I was on the right track with the answers I came up with.

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