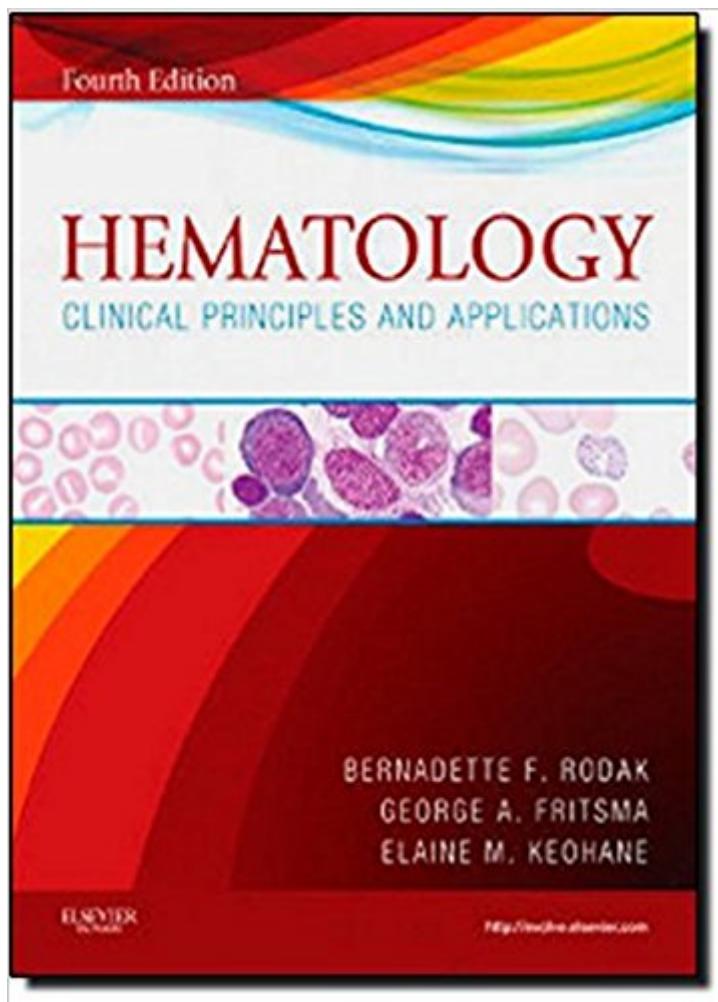


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# Hematology: Clinical Principles And Applications, 4e



## Synopsis

Featuring hundreds of full-color photomicrographs, *Hematology: Clinical Principles and Applications* prepares you for a job in the clinical lab by exploring the essential aspects of hematology. It shows how to accurately identify cells, simplifies hemostasis and thrombosis concepts, and covers normal hematopoiesis through diseases of erythroid, myeloid, lymphoid, and megakaryocytic origins. This book also makes it easy to understand complementary testing areas such as flow cytometry, cytogenetics, and molecular diagnostics. Well-known authors Bernadette Rodak, George Fritsma, and Elaine Keohane cover everything from working in a hematology lab to the parts and functions of the cell to laboratory testing of blood cells and body fluid cells. Full-color illustrations make it easier to visualize complex concepts and show what you'll encounter in the lab. Learning objectives begin each chapter, and review questions appear at the end. Instructions for lab procedures include sources of possible errors along with comments. Case studies provide opportunities to apply hematology concepts to real-life scenarios. Hematology instruments are described, compared, and contrasted. Coverage of hemostasis and thrombosis includes the development and function of platelets, the newest theories of normal coagulation, and clear discussions of platelet abnormalities and disorders of coagulation. A bulleted summary of important content appears at the end of every chapter. A glossary of key terms makes it easy to find and learn definitions. Hematology/hemostasis reference ranges are listed on the inside front and back covers for quick reference. Respected editors Bernadette Rodak, George Fritsma, and Elaine Keohane are well known in the hematology/clinical laboratory science world. Student resources on the companion Evolve website include the glossary, weblinks, and content updates. New content is added on basic cell biology and etiology of leukocyte neoplasias. Updated Molecular Diagnostics chapter keeps you current on techniques being used in the lab. Simplified hemostasis material ensures that you can understand this complex and important subject. Coverage of morphologic alteration of monocytes/macrophages is condensed into a table, as the disorders in this grouping are more of a biochemical nature with minimal hematologic evidence.

## Book Information

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## **Customer Reviews**

I think this book is excellent as a reference. I did not read through it like a novel, trying to learn directly from the book because that's what the lecture material is for. Anytime I needed to refer to something or needed extra clarification, the book provided the information I needed to feel comfortable with the material. One thing that was a complaint among my classmates was how the book was difficult to understand. I have a chemistry degree and I've taken biochemistry so I found a lot of the concepts in the book pretty straight forward, but for someone without that background, I can see where there would be difficulty.

This book is decent, really goes in depth to explain things, but to me it's wordy at times. Text font is extremely small also so it's hard to hone in on what you're reading.

I purchased this text for my hematology course in college. This book can be very difficult to read if you are not familiar with different medical abbreviations. I find myself having to reread the chapters a few times to understand the material. This text would be great if it were used with another text for further clarification. A great thing about this text are the reference ranges in the front and back of the book, they are very helpful and nicely placed. The chapters all have a case study based on the material in each chapter as well as a quiz and answers in the back. Good text for studying Hematology.4 stars because:-Good book for basics of Hematology-Sometimes the reading is hard to understand

This book was not well written. When explaining concepts, it jumps from one place to the other with no real sequential order. The book is often difficult to follow because of this lack of organization. I'm glad I'm only renting this book for a course and do not own this book. I advise the same for you.

Not a very good text book. A lot of the passages seem to be out of a cohesive order. I didn't use this much for my studies as a result.

Book is like new and I am utterly satisfied! Thank you so much :)

I LOVE THIS BOOK! it is very comprehensible and the images are great! It helped me a lot in my Hematology class!

Use it in school every day!

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