Clinical Hematology Atlas, 3rd Edition

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Ideal for identifying cells at the microscope, this atlas covers the basics of hematologic morphology, including examination of the peripheral blood smear, basic maturation of the blood cell lines, and discussions of a variety of clinical disorders. Over 400 photographs, schematic diagrams, and electron micrographs illustrate hematology from normal cell maturation to the development of various pathologies. Numerous illustrations include excellent schematic diagrams, photomicrographs, and electron micrographs. Introductory chapters succinctly describe the peripheral blood smear, its preparation and examination, and hematopoiesis in general. Coverage of cellular maturation includes schematics that illustrate the maturation of each cell line individually and highlight the cell in question. Descriptions for each cell type include size, reference intervals, and nuclear and cytoplasmic characteristics. Body Fluids chapter covers the other fluids found in the body besides blood, using images from cytocentrifuged specimens. White blood cell differential table shows cells found in a normal white blood cell differential. Overview of hematopoiesis includes a schematic drawing along with a detailed presentation of each cell, demonstrating the relationship between individual stages of hematopoiesis and the overall development scheme. Morphologic abnormalities are presented in chapters on erythrocytes and leukocytes, along with a schematic description of each cell, to provide correlations to various disease states. Coverage of common cytochemical stains, along with a summary chart for interpretation, aids in classifying malignant and benign leukoproliferative disorders. Spiral binding and a compact size make this book easy to use in a laboratory setting. NEW Normal Newborn Peripheral Blood Morphology chapter covers the normal cells found in neonatal blood. More examples of specific cells and disorders allow you to compare abnormal cells to each other and to normal cells, differentiating those that are similar. Expanded Evolve resources include case studies, study questions, links to related websites, and content updates.

**Book Information**

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Customer Reviews

This is the best color atlas I have seen. As a student, this has proven to be an invaluable tool in laboratory. I have recommended it to every other student in my laboratory. The photographs have amazing clarity and consistency. The text beginning each section and descriptive text following each photograph provides indispensable additional information for identification and understanding. It is very rare to see the backgrounds for each of the photographs a pristine white, so that the fine details can actually be distinguished. Each section is written with great care and with complete forethought. Even though this may not matter to many, but to me, the fact that is was spiral bound shows the amount of consideration to detail the author put into this atlas. There is nothing more frustrating then trying to keep a book open to the correct page, the ability for a book to be able to be lain flat on a table, and the having no problems with binding (e.g. broken binding resulting in loose pages). The comprehensive index helps you find a cell’s information and/or photograph with just one quick glance. The amount of pages doesn’t even begin to show the amount of knowledge that is encompassed in this book. You can believe this, as I go thru my student courses & when I begin my career as a clinical laboratory professional, this book with remain on my shelves as a ready-reference for any questions I may encounter along the way.

This atlas is a student’s dream come true. It is very well organized and beautifully illustrated. With its very affordable price tag, every student interested in hematology should have the Carr/Rodak Atlas in their own library!

This is a really good atlas for a person who see cells at work.I like it, is small, easy to use and the pictures are very good.

Excellent book for beginners.It is simple and to the point without waffle.Beautiful pictures with good resolution.Improvements: expanded differential diagnoses and more pictures of the same features showing variations that we see in practice.Dr D.B.Tzitzivacos
I'm using the atlas now as a reference material in the hematology section and the details are well illustrated...I recommend it to Hematologists and Medical Technologists (in general).

Very nice atlas for the money. Nice pics and illustrations, especially the hematopoiesis series. There is a bit of empty space in the book which I wish the author would have filled with more pics and/or illustrations. Depending on your needs there are better books but much more expensive. Free shipping but when I was tracking the book it stayed in Phoenix for about 4 or 5 days before being delivered to Flagstaff.


This is not the atlas that we used in my Hematology classes, and I wish it was! I came across this one in the lab when I started my clinical education. It is a wonderful reference. Even the Hematology specialist at the hospital uses it as a quick reference for some of the pathology. It is extremely well organized, with clear pictures, and a good description of the morphology, defining characteristics and the pathology associated with each cell type. The first sections are also a good reference for development and differentiation of the various white blood cell lines, such as the differences between the promylocyte and mylocytes, a topic that students sometimes have difficulty with. In addition to the images of peripheral blood smears, there are micrographs, illustrations and bone marrow images. I highly recommend this as a reference for any clinical professionals library.

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