



## Understanding Sickle Cell Disease (Understanding Health and Sickness Series)

By Miriam Bloom

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### Understanding Sickle Cell Disease (Understanding Health and Sickness Series) By Miriam Bloom

Although more is known about sickle cell disease than about any other inherited disease, no cure for it exists. In America alone, about one in 375 who are of African ancestry is born with sickle cell disease. A smaller number of Americans descended from families from the Mediterranean area, the Middle East, and India also are affected. In addition, about eight percent of black Americans who do not suffer from the disease itself carry the gene for it that can be transmitted to their children.

Sickle cell disease is of enormous biological, social, and historic importance. It was first described in medical literature almost a century ago. Improvements during the past two decades in our understanding of the disease and in medical care are permitting those afflicted to live longer, more comfortable and more productive lives.

This book was written for all who are interested in this disease--those who have it, their families, the carriers of the sickle cell gene, teachers, and those who wish to update their information about it. This overview of sickle cell disease explains what it is and how it is inherited, as well as the relationship between the sickle cell gene and its geographic origins, the way the gene has been spread throughout history, and the effect of sickle cell hemoglobin on red blood cells that carry it.

*Understanding Sickle Cell Disease* describes the variety of symptoms in both children and adults and details the emotional aspects of the disease. Of particular interest is a chapter on the care, especially the home care, of those who are affected.

This book explains how it is possible today for couples carrying the genes to raise families free of the disease. Although there is no known cure for sickle cell disease, there is little doubt that one will ultimately be devised. This volume surveys current research efforts and the promise they hold.

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### Editorial Review

From Library Journal

"Over 50,000 black Americans suffer from sickle cell disease, which makes it a major public health concern in the United States," writes Bloom, a geneticist and former senior editor of the Journal of the National Cancer Institute. This first volume in the publisher's new "Understanding Health and Sickness" series offers readers insight into this as yet incurable, inherited disease. Bloom starts with an overview of the disease; other topics include a discussion of who gets the disease (which includes not only people of African descent but of Mediterranean ancestry as well), the red blood cell, effects of the disease, care of sickle cell patients, family planning, and the search for a cure. An extensive list of organizations and support groups is included. Though dry and technical, Bloom's book gives informed general readers a look into this genetically transmitted disease. For medical collections. [See also "A Critical Care Collection for African Americans," LJ 1/95, p. 53-56. Ed.] Angela Washington-Blair, Lakemont Acad., Dalla.

- Angela Washington-Blair, Lakemont Acad., Dallas

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From [Booklist](#)

Until recently not at all well understood, sickle cell disease afflicts a very specific portion of the population, namely persons of African descent and, to a lesser degree, those from the Middle East, India, and the Mediterranean area (some in the affected groups carry the disease without suffering from it themselves). Bloom discusses what the disease is, how it is transmitted, why it strikes whom it does, and the relationship between the sickle cell gene's geographic origins and how it has been spread throughout history. Addressing more personal matters, she considers emotional aspects of the disease, its symptoms, living with it, and keeping one's family free of it in the U.S. today; and she also ventures beyond purely medical matters, as when she discusses the role of the slave trade in spreading the disease. Although it imparts much technical information, the book is very much for the lay reader. *Mike Tribby*

From the Inside Flap

For general readers a guide to understanding a debilitating genetic disease that affects tens of thousands who are of African heritage

### Users Review

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**Karen Lawless:**

In this 21st millennium, people become competitive in most way. By being competitive currently, people have do something to make these people survives, being in the middle of the crowded place and notice by surrounding. One thing that occasionally many people have underestimated this for a while is reading. Yep, by reading a book your ability to survive boost then having chance to stand up than other is high. For yourself who want to start reading a book, we give you this particular Understanding Sickle Cell Disease (Understanding Health and Sickness Series) book as beginning and daily reading publication. Why, because this book is more than just a book.

**Chris Henderson:**

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**David Hoag:**

The reason? Because this Understanding Sickle Cell Disease (Understanding Health and Sickness Series) is an unordinary book that the inside of the publication waiting for you to snap the item but later it will surprise you with the secret this inside. Reading this book next to it was a fantastic author who all write the book in such a wonderful way makes the content inside easier to understand, an entertaining method but still conveys the meaning fully. So, it is good for you because of not hesitating having this nowadays or you going to regret it. This unique book will give you a lot of benefits than the other books have got such as help improving your talent and your critical thinking way. So, still want to hesitate having that book? If I were being you I will go to the e-book store hurriedly.

**Jerry Blair:**

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