## **Diseases and Disorders**

Clear, careful, non-technical explanations on nearly 80 ailments and conditions

## A series for students from Lucent Books®



**FULL-COLOR** From anxiety disorders to childhood obesity to diabetes, the Diseases and Disorders series offers young readers and researchers a means of understanding ailments and their ramifications. Clear, careful explanations offer insight into:

- Causes of the disease or disorder
- How it affects the body
- Symptoms
- Diagnosis

not cancerous. A malignate tumor, on the other hand, grows underiveds. As it does, it croweds out normal cells, taking blood, materiers, and oxygen away from them. This weakern the cells, congreening their ability to do their plot, and even the altways, which makes breathing differed. Malignate tumor, according to Weizberg, "awar on interest in the well-being of the timore and organism around them.... They have only one program in mind, more growth, more replicas of themselves, audientical expansion."

finited expansion."

Making matters worse, despite the danger career case, since cancer cells are mutated body cells, the into use, since cancer cells are mutated body cells, the into use, since cancer ceognize them as harmful. Normally, cases does not recognize them as harmful.

does not recognize them as harmon, your on substance threaters the body, the issues

- How people live with the disease or disorder
- Historical background
- Latest information about treatment and prevention
- Future projections

The medical and scientific details of a disease are described in easy-to-understand terms, illustrated with photographs and personalized with sidebars of first-hand accounts. All volumes in the series include primary and secondary source quotations, annotated bibliographies and lists of organizations to contact for additional information.

> The result makes the Diseases and Disorders series from Lucent Books a solid choice for:

- Middle-school students
- Report writers
- Debaters
- Parents of children diagnosed with a specific dysfunction
- General readers
- And more

## Features of each volume

- Table of contents
- Introduction
- Five to seven chapters with photographs
- Side bars first-person accounts personalize the content
- For More Information an annotated bibliography of age-appropriate resources, including Web sites
- Glossary, End Notes and Organizations to Contact
- Index

The Lungs th day an individual breathes approximately 25,000 time gs. two spongy organs located in the chest, make breather trand of hair. At the end of the branchiodes are mills at sex scalled abvoil that are surrounded by blood with year crosses from the alveoli into the bloodstream cool vessels. At the same time, carbon discole passes, floodstream to the alveoli. The process is severed a not discole to exhalted from the body, in interhance called the planua covers the surface of contains claim! those, which allows the organ to infi-late as people breathe in and out. lobert A. Weinberg, world-renowned cancer expert and the locoverer of the signaling genes involved in cell formation, Neumal cells are civic-minded, liming up together in a precise rehisecture that gives structure to body tissue. When the cells grees are drasned and out faulty instructions, turning onderly structure into a chaotic mess." genate a senior's matated cells divide, they cram against each other and together forming an almormal mass known as a maliga or cancerous transic. Sometimes neared cells, too, busque or and form a mass. Such a mass is called a benign tumor a tumors do not grow uncontrollably and are, therefore,

Grades: 7-10 Book Size: 6"x9" Page Count: 96-128 **MACKIN**