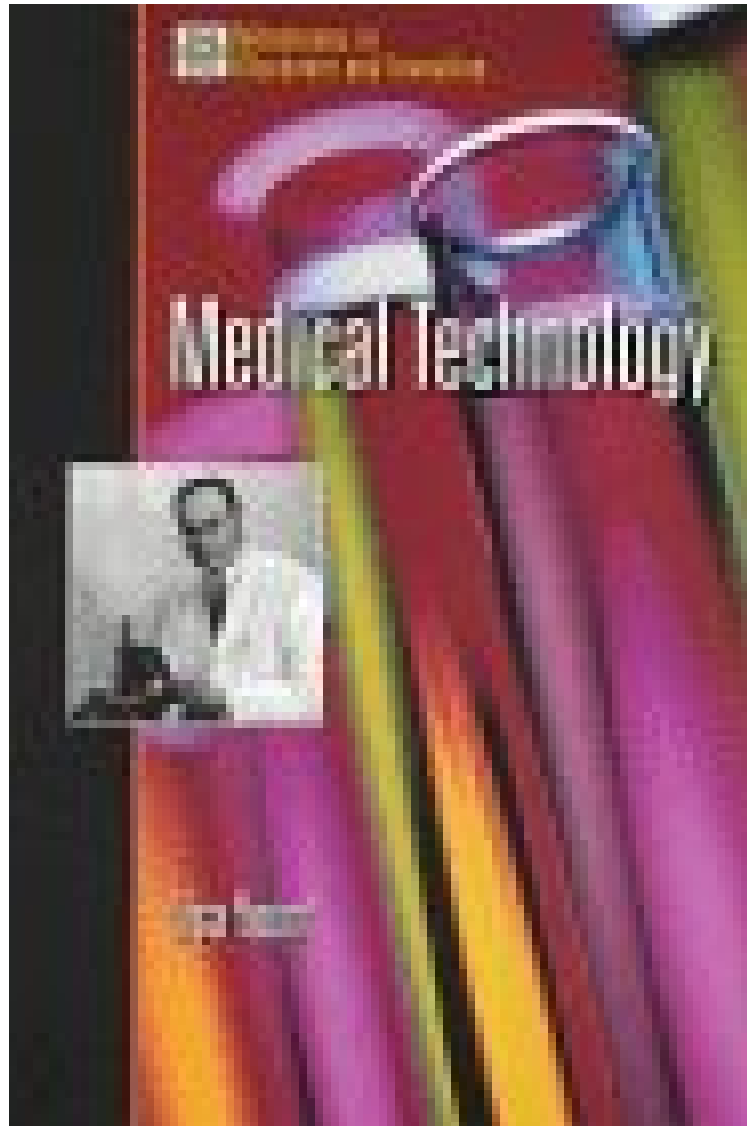


[Free read ebook] Medical Technology (Milestones in Discovery and Invention)

Medical Technology (Milestones in Discovery and Invention)

Lisa Yount

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Lisa Yount : Medical Technology (Milestones in Discovery and Invention) before purchasing it in order to gauge whether or not it would be worth my time, and all praised Medical Technology (Milestones in Discovery and Invention):

0 of 0 people found the following review helpful. Medical Technology By Ben In the book Medical Technology, a person can find when the very first successful surgery took place which is covered in the first chapter all the way to medical imaging to the last chapter. Through out the book one will find the history of medical discoveries to just recent discoveries found in the twentieth century. For those who are really thinking about getting into the field of

medical tech then you should consider this book with its descriptive chapters and easy to follow format. Yount presents information on the discovery or invention and development of anesthesia, antiseptics, X rays, blood transfusions, artificial and human organ transplants, and medical imaging techniques. Each chapter concludes with a bibliography and a source. The audience is definitely for an older audience to understand but for teens they'll get the picture. Overall this book isn't a bad buy but you can definitely find much more detailed and in depth into the world of medical technology for those out there going into a type of medical field. 0 of 0 people found the following review helpful. Medical Technology By Ben In the book Medical Technology, a person can find when the very first successful surgery took place which is covered in the first chapter all the way to medical imaging to the last chapter. Through out the book one will find the history of medical discoveries to just recent discoveries found in the twentieth century. Each chapter talks about one specific way medicine was changed because of the experimentation and invention of a man, or men, whose work is chronicled here. The narrative reads smoothly and is not so technical as to deter average readers. Chapters end with a chronology tracing the breakthrough from the first small steps to its acceptance into general usage. There are also chapter-by-chapter lists for further reading, Web site addresses, and source notes. Black-and-white photos add interest and diagrams help to clarify some of the more technical explanations.

The Milestones in Discovery and Invention series acknowledges that science and technology are intricate webs of insight, experiment, and breakthrough passed from one generation to the next. Created especially for young adults, this series traces the flow of scientific and technological ideas through the innovations that changed the face of society and made further exploration possible. Combining biography, scientific reasoning, and history, each volume in the series investigates a particular field, such as nuclear physics, communications, and medical technology. Enhanced by the use of primary sources, each chapter examines a milestone invention, the specific inventor (or inventors), the process and inspiration, and how the discovery forever changed the world. Further reading lists at the end of each chapter provide direction to those who wish to learn more. Chapters cover the work and discoveries of William Morton, Joseph Lister, Wilhelm Röntgen, Karl Landsteiner, Willem Kolff and Robert Jarvik, Christian Barnard and Norman Shumway, Godfrey Hounsfield and Raymond Damadian, and explore medical technology for the twentieth-first century.

From School Library Journal Grade 7 Up A Ten medical and scientific professionals and seven breakthroughs that had profound effects on medical practices form the substance of this book. Each chapter talks about one specific way medicine was changed because of the experimentation and invention of a man, or men, whose work is chronicled here. The narrative reads smoothly and is not so technical as to deter average readers. Chapters end with a chronology tracing the breakthrough from the first small steps to its acceptance into general usage. There are also chapter-by-chapter lists for further reading, Web site addresses, and source notes. Black-and-white photos add interest and diagrams help to clarify some of the more technical explanations. Within the chapters, boxed features present related information. They have an icon list on the left side to alert students to the type of feature (parallels, other inventors, issues, social impact, etc.); they are more distracting than enlightening as they make the pages look very busy. Words are defined sporadically throughout the text; some are subject-specific terms that readers may not know, while others are common enough as to have their definition seem unnecessary. All in all, an interesting book with some worthwhile material that should be useful for reports. Marilyn Fairbanks, East Junior High School, Brockton, MA Copyright 1998 Reed Business Information, Inc. From Booklist Gr. 6⁺-12. Nineteenth-century surgeon James Simpson once noted that surgery patients were at more risk of death in hospitals, due to the inability to control infections, than they would have been "on the fields of Waterloo." Joseph Lister's research with bacteria and antiseptics greatly transformed medicine and patient survival rates. Dutch physician Willem Kolff used washing machines to model early dialysis machines that could be used at home, until the manufacturer refused to sell him any more, fearing lawsuits should the machines fail. These and other engaging accounts, including ones on anesthesia, organ transplants, medical imaging, X rays, and blood transfusions, will hold readers' attention and provide useful information for reports. Sidebars offer important statistics, vocabulary, and other interesting features, but they are so numerous as to distract visually. Each chapter concludes with a chronology, bibliography, and source notes. Anne O'Malley From Kirkus This entry in the Milestones in Discovery and Invention series presents clear, if uninspired, stories of medical technology, supplemented by many anecdotes and resource information. Defining medical technology as "inventions that put science to practical use," Yount (Twentieth-Century Women Scientists, 1995, etc.) presents information on the discovery or invention and development of anesthesia, antiseptics, X rays, blood transfusions, artificial and human organ transplants, and medical imaging techniques. Boxed features present useful and intriguing information but classify it too narrowly to be helpful. Another flaw is the often arbitrary inclusion of definitions in the main text, which chops up the discussion. An overview of the world of inventors and medical breakthroughs offers the instructive aspects of competition and ambition and shows the importance of observation and scientific experiment. Yount also treats controversial subjects with intelligence and balance. It's not immediately clear how the book might be used in the curriculum, but there is valuable and fascinating information for researchers here. (bw photos and diagrams, index, not seen, notes, chronologies, further reading) (Nonfiction. 12-14) -- Copyright 1997, Kirkus Associates, LP. All rights

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