



Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History)

Dennis B Worthen, Greg Higby

Download now

[Click here](#) if your download doesn't start automatically

Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History)

Dennis B Worthen, Greg Higby

Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History) Dennis B Worthen, Greg Higby

It wasn't only combat that killed during the Civil War! Among white Federalist troops alone, there were 1,213,685 cases of malaria, 139,638 cases of typhoid fever, 67,762 cases of measles, 61,202 cases of pneumonia, 73,382 cases of syphilis, and 109,202 cases of gonorrhea between May 1, 1861 and June 30, 1866. (Statistics for Negro troops covered less than three years of the Civil War period.) Preventative medicine at the time had little more to offer than quinine and a few disinfectants. There was no real understanding of the germ theory of disease. But Medicines for the Union Army: The United States Army Laboratories During the Civil War shows that in the evolution of the army's Medical Department from incompetence to general efficiency during this time, and in the vastly improved organization and supply system designed by William A. Hammond, Jonathan Letterman, the medical purveyors, and others working under the Surgeon General, there was evidence of a great achievement. In Medicines for the Union Army you will come to understand the medical purveying system of the time and its problems, and you will witness the birth, growth, and remarkable achievements of the Federal government's pharmaceutical laboratories at Astoria, New York, and Philadelphia, Pennsylvania. Medicines for the Union Army will inform and enlighten you about these laboratories, including:

- the funding and transportation obstacles faced at the Astoria lab
- the processes by which raw materials became drugs ready for distribution
- drug testing and inspection methods
- the bottling of "medicinal whiskey" and wine at the labs
- the people whose work laid the foundation for modern drug production and distribution methods
- the contents of the medical supply cases (panniers) and wagons in use at the time . . . and much more!

Medicines for the Union Army: The United States Army Laboratories During the Civil War brings to light the groundbreaking achievements of unsung American heroes working to preserve life while the country was in bloody turmoil. No Civil War historian should be without this volume!



[Download Medicines for the Union Army: The United States Ar ...pdf](#)



[Read Online Medicines for the Union Army: The United States ...pdf](#)

Download and Read Free Online Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History)
Dennis B Worthen, Greg Higby

From reader reviews:

Steven Stockton:

Do you have favorite book? Should you have, what is your favorite's book? E-book is very important thing for us to be aware of everything in the world. Each e-book has different aim or goal; it means that publication has different type. Some people experience enjoy to spend their time to read a book. They are reading whatever they take because their hobby is actually reading a book. Consider the person who don't like looking at a book? Sometime, man feel need book if they found difficult problem or exercise. Well, probably you'll have this Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History).

Randy Johnson:

What do you about book? It is not important with you? Or just adding material when you need something to explain what the ones you have problem? How about your free time? Or are you busy particular person? If you don't have spare time to accomplish others business, it is gives you the sense of being bored faster. And you have free time? What did you do? All people has many questions above. They should answer that question due to the fact just their can do in which. It said that about e-book. Book is familiar on every person. Yes, it is correct. Because start from on kindergarten until university need that Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History) to read.

Jeffrey Spencer:

In this 21st century, people become competitive in most way. By being competitive at this point, people have do something to make these people survives, being in the middle of the particular crowded place and notice simply by surrounding. One thing that often many people have underestimated the idea for a while is reading. Sure, by reading a guide your ability to survive raise then having chance to remain than other is high. For yourself who want to start reading some sort of book, we give you this specific Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History) book as beginner and daily reading publication. Why, because this book is greater than just a book.

Margaret Walker:

Your reading 6th sense will not betray a person, why because this Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History) guide written by well-known writer who knows well how to make book that could be understand by anyone who else read the book. Written throughout good manner for you, dripping every ideas and creating skill only for eliminate your own hunger then you still hesitation Medicines for the Union

Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History) as good book but not only by the cover but also by the content. This is one publication that can break don't ascertain book by its cover, so do you still needing one more sixth sense to pick this particular!? Oh come on your reading through sixth sense already said so why you have to listening to another sixth sense.

Download and Read Online Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History)
Dennis B Worthen, Greg Higby #HKMS290AZQL

Read Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History) by Dennis B Worthen, Greg Higby for online ebook

Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History) by Dennis B Worthen, Greg Higby Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History) by Dennis B Worthen, Greg Higby books to read online.

Online Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History) by Dennis B Worthen, Greg Higby ebook PDF download

Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History) by Dennis B Worthen, Greg Higby Doc

Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History) by Dennis B Worthen, Greg Higby MobiPocket

Medicines for the Union Army: The United States Army Laboratories During the Civil War (Pharmaceutical Heritage Pharmaceutical Care Through History) by Dennis B Worthen, Greg Higby EPub