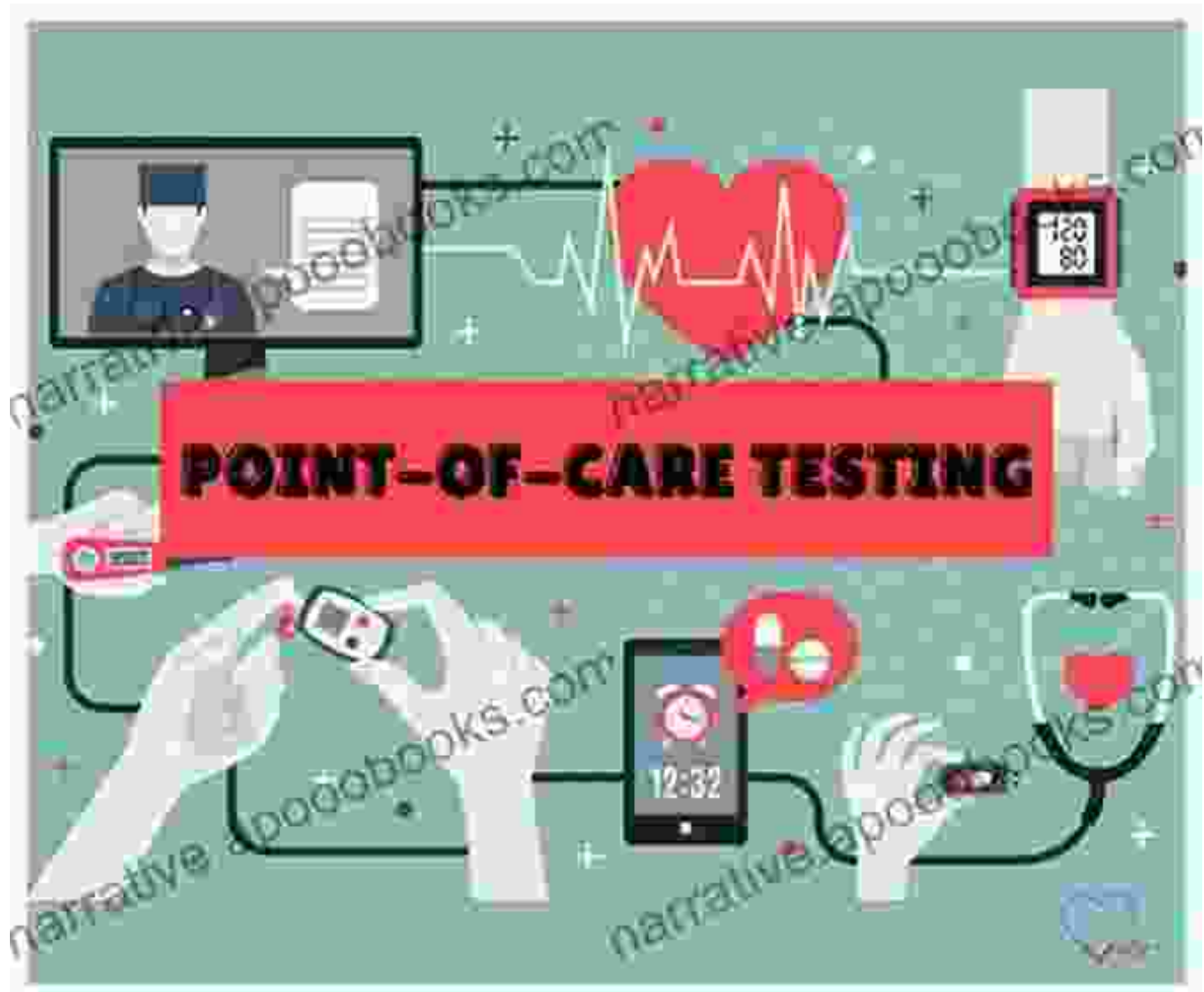


# Point of Care Testing: Principles and Clinical Applications





## Point-of-care testing: Principles and Clinical Applications by James Bender

★★★★☆ 4.6 out of 5

Language	: English
File size	: 4893 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 976 pages
Hardcover	: 552 pages
Item Weight	: 2.1 pounds
Dimensions	: 6.14 x 1.25 x 9.21 inches

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**A Comprehensive Guide for Healthcare Professionals**

Point-of-care testing (POCT) is a rapidly growing field that is revolutionizing the way healthcare is delivered. POCT allows healthcare professionals to perform diagnostic tests at the point of care, which means that patients can receive results quickly and conveniently. This can lead to faster diagnosis and treatment, which can improve patient outcomes.

This comprehensive guide to POCT provides healthcare professionals with the essential information they need to understand and implement POCT in their practice. The book covers the following topics:

- The principles of POCT
- The different types of POCT tests
- The clinical applications of POCT
- The quality control and regulation of POCT

This book is written by a team of experts in the field of POCT. The authors have extensive experience in developing, implementing, and evaluating POCT programs. They have written this book to provide healthcare professionals with the most up-to-date information on POCT.

If you are a healthcare professional who is interested in implementing POCT in your practice, this book is a valuable resource. It will provide you with the essential information you need to get started.

## **Benefits of POCT**

POCT offers a number of benefits over traditional laboratory testing. These benefits include:

- **Faster results:** POCT tests can produce results in minutes or hours, compared to days or weeks for traditional laboratory tests.
- **Convenience:** POCT tests can be performed at the point of care, which means that patients do not have to travel to a laboratory.
- **Lower costs:** POCT tests are typically less expensive than traditional laboratory tests.
- **Improved patient satisfaction:** Patients appreciate the convenience and speed of POCT.

### **Clinical Applications of POCT**

POCT has a wide range of clinical applications. These applications include:

- Diagnosis of infectious diseases
- Monitoring of chronic diseases
- Detection of drug abuse
- Screening for genetic disorders
- Assessment of organ function

### **Quality Control and Regulation of POCT**

POCT tests are regulated by a number of government agencies. These agencies ensure that POCT tests are safe and accurate. In addition, POCT programs must have a quality control program in place to ensure that the tests are being performed correctly.

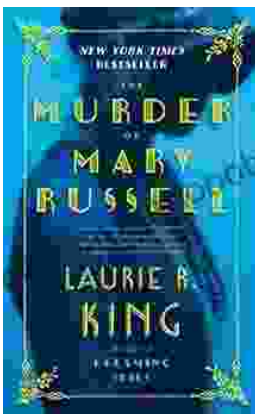
POCT is a powerful tool that can improve the quality of healthcare. By providing healthcare professionals with the essential information they need to understand and implement POCT, this book will help to revolutionize the way healthcare is delivered.



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