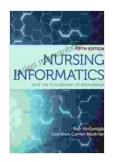
Nursing Informatics: The Foundation of Knowledge for 21st Century Healthcare



Nursing Informatics and the Foundation of Knowledge

by Geneen Roth

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What is Nursing Informatics?

Nursing informatics is the application of information technology and data to nursing practice. It is a relatively new field, but it has quickly become an essential part of the nursing profession. Nurses who are proficient in nursing informatics are in high demand, and they can play a vital role in improving the quality of healthcare.

Nursing informatics uses a variety of tools and technologies, including electronic health records (EHRs), computerized provider order entry (CPOE), and clinical decision support systems (CDSSs). These tools can help nurses to improve their documentation, medication administration, and patient care planning. Nursing informatics can also be used to support nursing research, education, and leadership.

The History of Nursing Informatics

The roots of nursing informatics can be traced back to the early days of computing. In the 1960s, nurses began to use computers to store and retrieve patient data. In the 1970s, nurses began to develop software applications to support nursing practice. In the 1980s, nursing informatics was recognized as a distinct field of study.

In the 1990s, the American Nurses Association (ANA) published the first standards for nursing informatics. These standards helped to define the scope of the field and to establish a common body of knowledge for nursing informatics professionals.

The Role of Nursing Informatics in the Future of Healthcare

Nursing informatics is expected to play a increasingly important role in the future of healthcare. As the healthcare system becomes more complex, nurses will need to be able to use information technology and data to improve their practice.

Nursing informatics can be used to:

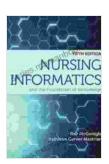
- Improve the quality of patient care
- Reduce healthcare costs
- Increase patient satisfaction
- Support nursing research
- Educate nurses
- Lead healthcare organizations

Nurses who are proficient in nursing informatics will be well-positioned to lead the healthcare system into the future.

Nursing informatics is a rapidly growing field that is essential to the future of healthcare. Nurses who are proficient in nursing informatics can play a vital role in improving the quality of patient care, reducing healthcare costs, and increasing patient satisfaction.

If you are a nurse, I encourage you to learn more about nursing informatics. There are many resources available to help you get started, including books, articles, and online courses.

The future of healthcare is bright, and nursing informatics will play a key role in shaping that future.



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★★★★★★ 4.5 out of 5

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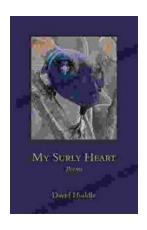
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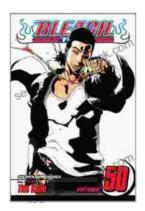
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