

Computational Convergence and Interoperability in Electronic Health Records (EHR)

Part of the Advances in Healthcare Information Systems and Administration Book Series

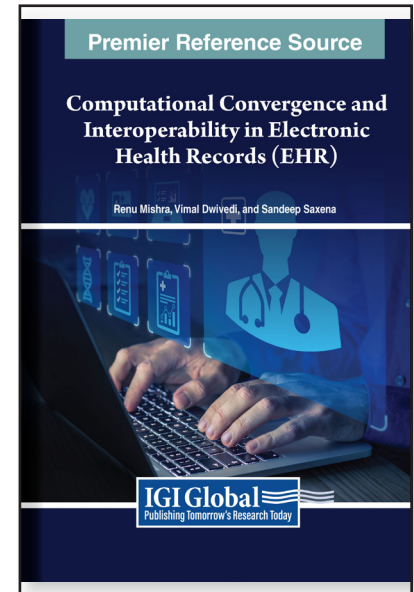
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Description:

The digitization of patient records has ushered in a new era of possibilities in the healthcare industry, helping it to keep pace with the ever-evolving landscape. However, the need for more seamless interoperability in Electronic Health Record (EHR) systems poses a significant challenge. This fragmented landscape inhibits the exchange, integration, and analysis of crucial health data, hindering efforts to deliver optimal patient care and impeding the advancement of healthcare procedures.

By unraveling the complexities of computational convergence and highlighting the pivotal role of interoperability, **Computational Convergence and Interoperability in Electronic Health Records (EHR)** provides a roadmap for transforming healthcare delivery. It equips data analysts, medical professionals, and IT specialists with the knowledge and tools needed to navigate the intersection of healthcare and technology, enabling them to leverage emerging trends and standards to improve patient outcomes.

Through in-depth discussions on AI integration, data security, and global standards, this book empowers healthcare stakeholders to overcome interoperability challenges and drive innovation. By offering insights from industry experts, case studies, and best practices, this book is a valuable resource for anyone seeking to harness the power of technology to revolutionize healthcare delivery.



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Topics Covered:

- Artificial Intelligence
- Big Data
- Blockchain
- Cloud Computing
- Data Exchange
- Data Standardization
- EHR Implementation
- Emerging Technologies
- Ethical Issues
- Global Perspectives
- Health Information Security
- Interoperability
- Legal Implications

Subject: Medicine & Healthcare

Classification: Edited Reference

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(Research Recommended)

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