

Multinational Electronic Health Records Interoperability Strategies

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

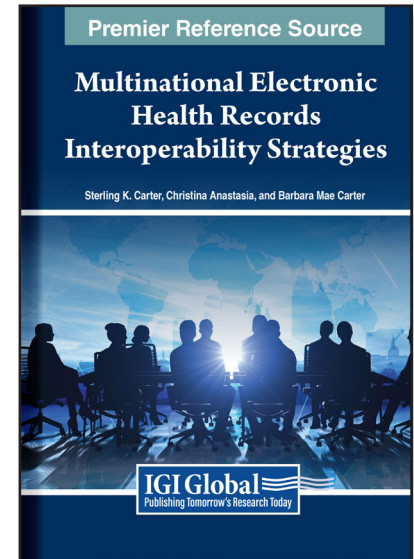
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Description:

Amidst the relentless tide of global health crises, a critical problem persists the lack of a unified electronic health record (EHR) system capable of seamlessly tracking and containing the spread of infectious diseases across borders. The unchecked proliferation of diseases, including the rapid transmission of COVID-19 and the recurring threat of zoonotic infections, underscores the urgent need for a coordinated global response. This absence of interoperability hampers effective patient treatment and surveillance and exacerbates the potential for widespread outbreaks of Biosafety Level 4 (BSL-4) pathogens.

Multinational Electronic Health Records Interoperability Strategies is a groundbreaking book, a beacon of hope in the face of escalating health threats. It catalyzes international collaboration and strategic action by offering a comprehensive exploration into the feasibility and design of a multinational or globally interoperable EHR system. This visionary initiative charts a course toward enhanced global health security by meticulously documenting patient treatment, travel histories, and transmission patterns of infectious diseases, particularly BSL-4 infections.

Through a synthesis of cutting-edge research, policy analysis, and expert insights, this book presents a theoretical framework and a tangible blueprint for transformative change. It contends that by establishing robust, interoperable systems protocols and fostering cross-border cooperation, nations can fortify their defenses against the looming specter of pandemics. For academic scholars and global leaders, the imperative is clear: embrace this solution-oriented approach and champion the cause of a unified, interoperable EHR system as the cornerstone of our collective defense against the relentless march of infectious diseases.



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Topics Covered:

- Biosafety Level 4 (BSL-4)
- Disease Spread
- Electronic Health Records
- Global Health
- International Collaboration
- Interoperability
- Pandemics
- Patient Treatment
- Policy Analysis
- Public Health
- Surveillance
- Transnational Cooperation
- Zoonotic Diseases

Subject: Medicine & Healthcare

Classification: Authored - Standard Reference

Readership Level: Advanced-Academic Level
(Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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