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Electronic Health Records And Medical Big Data: Law And Policy (Cambridge Bioethics And Law)



Synopsis

This book helps readers gain an in-depth understanding of electronic health record (EHR) systems, medical big data, and the regulations that govern them. It analyzes both the shortcomings and benefits of EHR systems, exploring the law's response to the creation of these systems, highlighting gaps in the current legal framework, and developing detailed recommendations for regulatory, policy, and technological improvements. *Electronic Health Records and Medical Big Data* addresses not only privacy and security concerns but also other important challenges, such as those related to data quality and data analysis. In addition, the author formulates a large body of recommendations to improve the technology's safety, security, and efficacy for both clinical and secondary (such as research) uses of medical data.

Book Information

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Customer Reviews

Advance praise: 'Electronic Health Records and Medical Big Data: Law and Policy is simultaneously authoritative and accessible. It offers sweeping coverage of the law and policy governing critical tools in the digital transformation of health care. The sections on big data-driven research are also must-reads for anyone concerned about the future development of best practices. Hoffman's work will be vital reading in law, medical, and policy departments around the world.' Frank Pasquale, University of Maryland Francis King Carey School of Law, author of *The Black Box Society: The Secret Algorithms that Control Money and Information*

Advance praise: 'Hoffman exhibits a profound understanding of healthcare, law, regulations, liability, practice reality, scholarship, and information

technology. This is a book that needed to be written - and Hoffman's done it with impressive and comprehensive knowledge, insight, and balance. This book is so essential that any healthcare administrator who fails to read is ipso facto guilty of malpractice.' Ross Koppel, University of Pennsylvania Advance praise: 'In this compelling work, Sharona Hoffman offers a thoroughly researched and thoughtfully argued review of patient safety, privacy, and health information security. Electronic Health Records and Medical Big Data: Law and Policy should be required reading for entrepreneurs, health information technology developers, investors, health lawyers, and public officials.' Jacob M Reider, MD, FAAFP, Alliance For Better Health Care

A comprehensive resource on health information technology and its legal, ethical, and policy implications, focusing on the intersection of law and policy. Combining exhaustive research with accessible writing, it will appeal to readers with diverse levels of expertise, including academics, students, health care providers, attorneys, and policy-makers.

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