

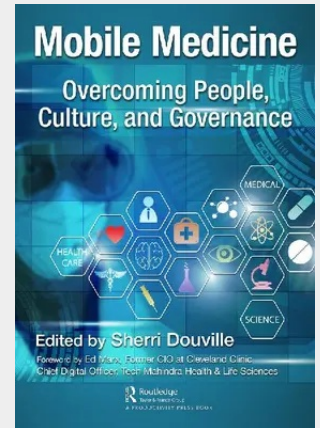
Mobile Medicine

Overcoming People, Culture, and Governance

"The healthcare industry is undergoing a transformation of exponential change and opportunity that bears daunting challenges. To incorporate groundbreaking technologies, we as leaders are building our people, skills, cultures, and leadership to capitalize on and refine those technologies to address the urgent needs of today and tomorrow. This timely work is written by a world-class multi-disciplinary team in Healthcare IT, medicine, and business. This breadth and collaboration is what's required to deliver this very timely cross-functional discussion and fantastic action planning resource. This book is required reading for any organization looking to lead the next wave of healthcare technology to improve care quality, patient safety, and clinician satisfaction to help us save more lives and keep people healthy across the entire care continuum." Aaron Miri Chief Information Officer for Dell Medical School and UT Health Austin & Co-Chair for the U.S. Department of Health and Human Services' Federal Health IT Advisory Committee

An actionable and practical resource to accelerate mobile computing in medicine: No topic in healthcare technology is more urgent and yet more elusive to date than mobile computing in medicine. It adheres to no boundaries, stagnates in silos, and demands not just the attention of dedicated professionals, but also teams of teams. A rich resource, this book shares hard-won lessons and primary research for better understanding, management, and execution of key mobile computing initiatives in medicine (that can save patient lives by reducing delays in medical information). It provides an action planning reference guide for mobile medicine stakeholders, including health system and insurance decision makers, clinicians, and investors. Foundational and groundbreaking in its knowledge set and combination, it also provides a unique and rare perspective, drawing from 27 distinct experts across disciplines from legal to medicine, informatics, organizational psychology, cybersecurity to engineering – the building blocks needed to catalyze a comprehensive mobile medicine strategy for your health system or investment thesis. Considering we lose a family member, colleague, or someone else every nine minutes due to a delay in medical information according to the Institute for Healthcare Improvement, this book makes significant strides in efficiently conveying foundational knowledge that can contribute to implementing mobile computing safely and cost-effectively while improving clinician and patient experiences in healthcare. These insights will accelerate the reader's ability to conceptualize the real opportunities via mobile computing in medicine. FEATURES: Provides a current understanding of why the adoption of mobile medicine has been meager to date and what gaps and opportunities exist Delivers proven management and leadership techniques from experts doing the work of building IT, security, and informatics organizations and workflows in preparing for mobile medicine Describes how to navigate cultures of related professions essential to mobile medicine, including insights from physicians, engineers, informaticists, lawyers, IT researchers, organizational psychologists, board directors, researchers, cybersecurity leaders, and other key stakeholders Demystifies the latest, up-to-date federal rules, laws, and regulations impacting and enabling the promise of mobile medicine Highlights how to best mitigate risks for the development and deployment of mobile medicine and next-generation innovations, such as wearable robotics into the clinical environment Offers resources and tools to enable unprecedented collaboration across diverse professionals including, but not limited to, functional and work differences as well as skillsets and other factors of talent diversity required to bring mobile medicine to life Contributes a working understanding backed by primary research for how evidence-based practice, an expectation in medicine, can also be leveraged in healthcare technology leadership to future proof both CIO and executive leadership philosophy and methodology

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