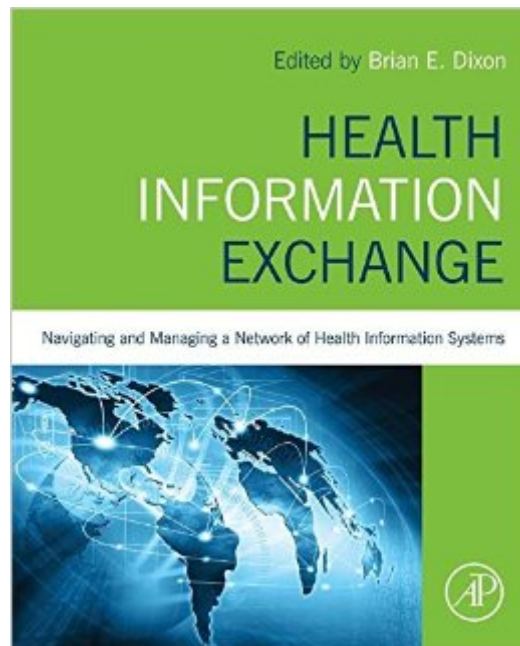# Health Information Exchange: Navigating And Managing A Network Of Health Information Systems

Synopsis

Health Information Exchange (HIE): Navigating and Managing a Network of Health Information Systems allows health professionals to appropriately access, and securely share, patientsâ ™ vital medical information electronically, thus improving the speed, quality, safety, and cost of patient care. The book presents foundational knowledge on HIE, covering the broad areas of technology, governance, and policy, providing a concise, yet in-depth, look at HIE that can be used as a teaching tool for universities, healthcare organizations with a training component, certification institutions, and as a tool for self-study for independent learners who want to know more about HIE when studying for certification exams. In addition, it not only provides coverage of the technical, policy, and organizational aspects of HIE, but also touches on HIE as a growing profession. In Part One, the book defines HIE, describing it as an emerging profession within HIT/Informatics. In Part Two, the book provides key information on the policy and governance of HIE, including stakeholder engagement, strategic planning, sustainability, etc. Part Three focuses on the technology behind HIE, defining and describing master person indexes, information infrastructure, interfacing, and messaging, etc. In Part Four, the authors discuss the value of HIE, and how to create and measure it. Finally, in Part Five, the book provides perspectives on the future of HIE, including emerging trends, unresolved challenges, etc.Offers foundational knowledge on Health Information Exchange (HIE), covering the broad areas of technology, governance, and policyFocuses on explaining HIE and its complexities in the context of U.S. health reform, as well as emerging health IT activities in foreign nationsProvides a number of in-depth case studies to connect learners to real-world application of the content and lessons from the fieldOffers didactic content organization and an increasing complexity through five parts

Book Information

File Size: 18152 KB

Print Length: 376 pages

Publisher: Academic Press; 1 edition (February 9, 2016)

Publication Date: February 9, 2016

Sold by:Â Digital Services LLC

Language: English

ASIN: B01BOUQSFA

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #508,488 Paid in Kindle Store (See Top 100 Paid in Kindle Store)   #32 in Kindle Store > Kindle eBooks > Medical eBooks > Administration & Policy > Medical History & Records   #49 in Kindle Store > Kindle eBooks > Nonfiction > Science > Biological Sciences > Biology > Biostatistics   #87 in Kindle Store > Kindle eBooks > Nonfiction > Science > Biological Sciences > Biology > Molecular Biology

Customer Reviews

Reviewed by Luzviminda Ronquillo, University of Indiana-Purdue University, Indianapolis.The author, Brian E. Dixon, MPA, Ph.D., FHIMSS, is the Assistant Professor, Department of Epidemiology, Richard M. Fairbanks School of Public Health; and the Center for Biomedical Informatics, Regenstrief Institute, Inc., Indianapolis, IN. He is a proven research scientist with a primary research focus on the use of information and computing systems to improve public health practice and clinical outcomes. The author has published numerous peer-reviewed journal articles focusing on interoperability and public health. Dixon is involved with the Indiana Health Information Exchange (IHIE) and HIE efforts at the state and national initiatives. He is also instrumental in the development and implementation of health information systems; tools supporting LOINC, automated reporting of notifiable conditions, and large databases.Other contributors in the design and development of this book are experts in the field of Informatics, HIE, research, public health, academia, and other areas in healthcare. The purpose of this book is â œto cover the landscape of HIE for those in health care administration, health communication and information technologies (ICT), and public healthâ • (16).This book is divided into six parts that offer readers the understanding of the different aspects of HIEs. Opening with a general overview of HIE including its evolution and HIE efforts at the state and national level, the authors and other contributors progresses through more detailed discussions on HIE.

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