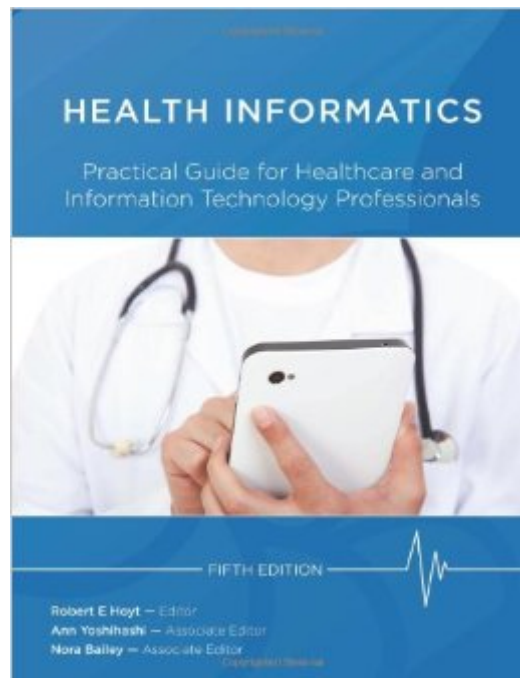# Health Informatics: Practical Guide For Healthcare And Information Technology Professionals (Fifth Edition) (Hoyt, Medical Informatics)



HEALTH INFORMATICS

Practical Guide for Healthcare and
Information Technology Professionals

FIFTH EDITION

Robert E Hoyt — Editor
Ann Yoshihashi — Associate Editor
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# Synopsis

Health Informatics (HI) focuses on the application of information technology (IT) to the field of medicine to improve individual and population healthcare delivery, education and research. This extensively updated fifth edition reflects the current knowledge in Health Informatics and provides learning objectives, key points, case studies and references. Topics include: HI Overview; Healthcare Data, Information, and Knowledge; Electronic Health Records, Practice Management Systems; Health Information Exchange; Data Standards; Architectures of Information Systems;Health Information Privacy and Security; HI Ethics; Consumer HI; Mobile Technology; Online Medical Resources; Search Engines; Evidence-Based Medicine and Clinical Practice Guidelines; Disease Management and Registries; Quality Improvement Strategies; Patient Safety; Electronic Prescribing; Telemedicine; Picture Archiving and Communication Systems; Bioinformatics; Public HI; E-Research. Available as a printed copy and E-book.

# Book Information

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# Customer Reviews

As a nurse in a leadership role, the mandated changes in health records are a challenge to navigate an organization through. In order to best position not only yourself, but also your organization, to be successful an accurate understanding of not only the legal requirements but also the technological advances and limitations is important. I had the opportunity to utilize this book working through my Medical Informatics program. This book is current, up to date, and incorporates the necessary

technical information without being overwhelming to clinical individuals.

This book is easy to read, up to date, and very useful!I learned a lot from this book.You learn about many systems such as EHR, LIMS, PACS...etcUpdate (11/10/2013):This is a wonderful book for someone who is new to Health Informatics. I used this book for a HIT class and it helped me through the entire semester. In fact, it is a good book for anyone at any level who wants to learn or even review about Health Informatics.This book was a requirement for me a few semesters ago. I find myself referring back to this book even now for my other classes and also for work. (I work in a Health Informatics related job)What I liked about this book:1) The material it covers: Very useful stuff!2)The layout. It is organized into different sections. (Ex: Consumer Health Informatics, Mobile Technology, Telemedicine). This makes it a very good reference book to go back to anytime.3) It is written in a way that makes it easy to follow and understand.

A very good and comprehensive overview of all of the related aspects in the field.Some of the core principles are beautifully covered.Some are a bit out of date, but that is the nature of this field, essentially changing every several months..A great starting point.

I actually had the pleasure of studying bioinformatics under Dr. Hoyt at the University of West Florida (UWF). There is a wealth of information packed into this book! It is current, incorporates the technical information needed for comprehensive knowledge of the field, and is understandable even to those on the periphery of the medical field (industrial hygienist). It's got me hooked...now I want to learn more. Who doesn't love a textbook under a $100 too?

Good book. Basic one to get started in healthcare.

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