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Clinical Informatics Study Guide: Text And Review (Health Informatics)

Clinical Informatics
Study Guide

Text and Review

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Editors

Springer
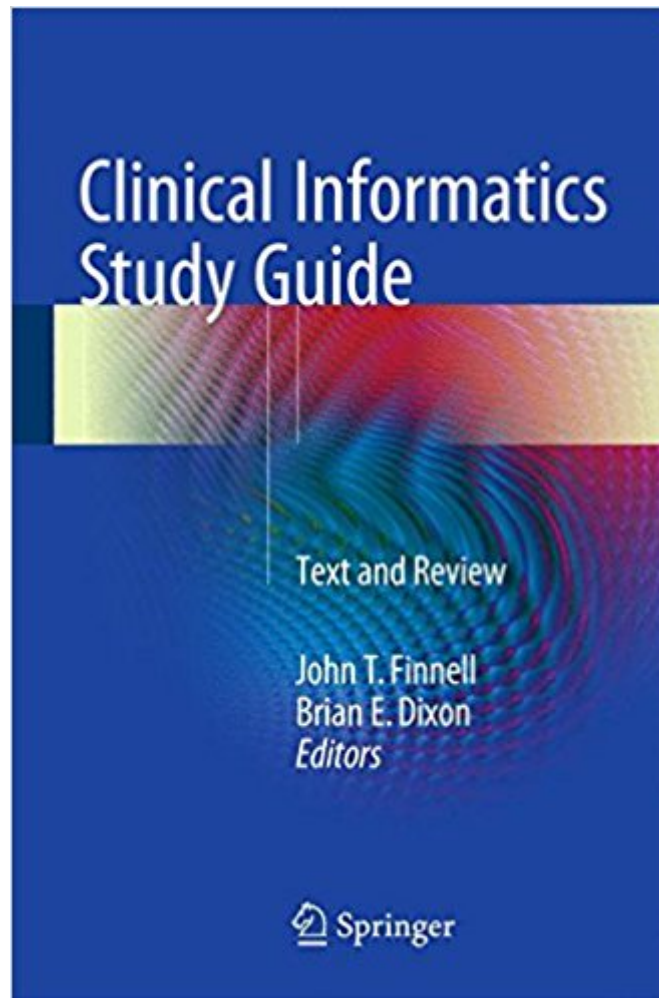
Synopsis

This books provides content that arms clinicians with the core knowledge and competencies necessary to be effective informatics leaders in health care organizations. The content is drawn from the areas recognized by the American Council on Graduate Medical Education (ACGME) as necessary to prepare physicians to become Board Certified in Clinical Informatics. Clinical informaticians transform health care by analyzing, designing, selecting, implementing, managing, and evaluating information and communication technologies (ICT) that enhance individual and population health outcomes, improve patient care processes, and strengthen the clinician-patient relationship. As the specialty grows, the content in this book covers areas useful to nurses, pharmacists, and information science graduate students in clinical/health informatics programs. These core competencies for clinical informatics are needed by all those who lead and manage ICT in health organizations, and there are likely to be future professional certifications that require the content in this text.Ã¢â ¬â

Book Information

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Customer Reviews

This study guide is written to support the formal training required to become certified in clinical informatics. The content is structured to define and introduce key concepts with examples drawn from real-world experiences in order to impress upon the reader the core content from the field of clinical informatics.The book is divided into sections that group related chapters based on the major

foci of the core content: health care delivery; clinical decision-making; information systems; leadership and managing teams; and professionalism. The chapters do not need to be read or taught in order, although the suggested order is consistent with how the editors have structured their curricula over the years.Clinical Informatics Study Guide: Text and Review serves as a reference for those seeking to independently study for a certifying examination or periodically reference while in practice. It further provides a roadmap for faculty who wish to go deeper in courses designed for physician fellows or graduate students in a variety of clinically oriented informatics disciplines, such as nursing, pharmacy, radiology, and public health.

Dr. FinnellÃ¢ ¬â„¢s research activities focus on building emergency department systems for tracking visit data. I developed the emergency departmentÃ¢ ¬â„¢s first tracking system ten years ago, and am currently building the first integrated system with tracking, order entry, and documentation. My research activities have focused upon emergency patientÃ¢ ¬â„¢s utilization of emergency departments. My most recent project has incorporated INSPECT data (IndianaÃ¢ ¬â„¢s PMDP) into the electronic record. As Informatician, my role is to integrate the data warehouse with the clinical ED experience. Pulling the necessary data when the patient registers into the emergency department and providing the alerts/reminders to providers in a timely fashion. Dr. DixonÃ¢ ¬â„¢s research focuses on developing and evaluating innovative technologies and processes for managing knowledge regarding individual patients and populations. His recent work has involved leveraging health information exchange (HIE) to enable secondary use of clinical and administrative data for improving public health surveillance, continuity of care for Veterans, the determination of disability, and clinical decision support. Before joining the faculty at Indiana University, Dr. Dixon managed research and development projects for Regenstrief and the Indiana Health Information Exchange. Dr. Dixon also developed health information applications and systems, including tools supporting the standard clinical vocabulary LOINCÃ Â®, technology supporting the automated reporting of notifiable conditions to public health agencies, and tools for querying large clinical data repositories.

Wish I had had something like this in 2013 when I took the Board exam. This text covers all the essentials for the Clinical Informatics Board Certification exam from the American Board of Preventive Medicine. It is concise, straightforward as well as easy to read and understand. The authors are a cornucopia of experts in healthcare, information technology and clinical informatics. The text is a great value and a compact size so you can carry everywhere as you cram for the

exam.Jack Varga, MD, MHSA, FACS, Diplomate, ABPM - Clinical Informatics

Excellent text on the subject of clinical informatics. It's very readable. The authors are well established, articulate and provide ample citations of outside resources. Each section has a vignette. Some of these vignettes illustrate the potential of information technology, and some vignettes illustrate why the reality is often far short of the dream. Not only is it an essential study aid, it is a pleasure to read.

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