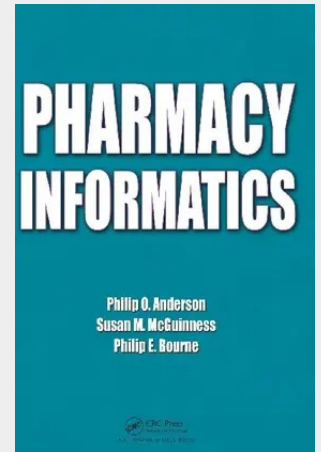


Pharmacy Informatics

Applies the Principles of Informatics to the Pharmacy Profession Emphasizes Evidence-Based Practice and Quality Improvement Approaches Leading the way in the integration of information technology with healthcare, Pharmacy Informatics reflects some of the rapid changes that have developed in the pharmacy profession. Written by educators and professionals at the forefront in this field, the book shows how informatics plays a central role in providing productive and efficient healthcare services. After defining pharmacy informatics, the text explores the information and biomedical technologies that are the drivers of change. It then discusses the basics of maintaining the reliability and security of computers in a connected world, the need for standardization in the healthcare industry, and effective strategies for searching, evaluating, and managing the wide variety of information resources available today. The next section covers the types of information systems that exist in hospitals and pharmacies, including bar coding. The book then presents tools for evidence-based practice, computerized clinical pharmacokinetics methods, clinical decision support, and data mining methods to improve therapy, reduce adverse outcomes, and cut costs. The final section examines various developments driven by the Internet and how current informatics solutions must evolve to maximize their potential. The continual growth and increasing complexity of therapeutic information necessitate new ways for effectively handling medical data and ultimately providing better patient care. This book discusses how these changes affect pharmacy students and practicing pharmacists, preparing them for what lies ahead in this evolving field.

Written by educators and professionals at the forefront in this field, Pharmacy Informatics shows how informatics plays a central role in providing productive and efficient healthcare services. It presents the important aspects of pharmacy computer systems at an introductory level and includes helpful information on choosing informatics as a career. The text explores the future of pharmacy and pharmaceutical sciences, including the emergence of virtual communities and changing publishing models. It also addresses the Pharm D curricula standard of the Accreditation Council for Pharmaceutical Education by offering chapters on avoiding medication errors and evidence-based practice.



164,60 €

164,60 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781420071757

Medium: Buch

ISBN: 978-1-4200-7175-7

Verlag: CRC Press

Erscheinungstermin: 01.12.2009

Sprache(n): Englisch

Auflage: 1. Auflage 2009

Produktform: Gebunden

Gewicht: 1600 g

Seiten: 308

Format (B x H): 183 x 260 mm

