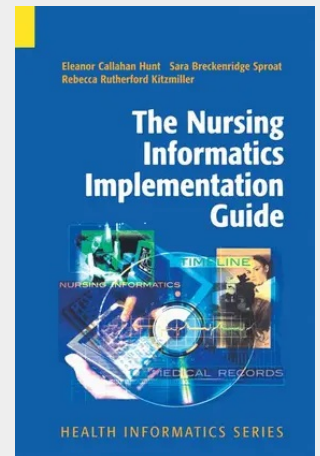


The Nursing Informatics Implementation Guide

Designed for use by nurses and healthcare professionals, this book will be a practical guide and invaluable resource in detailing the implementation processes of clinical computer systems used in various healthcare settings. Written in a conversational style, this book features practical analogies and case studies that illustrate concepts as it guides the user in successfully executing and managing system implementation.

Health institutions are investing in and fielding information technology solutions at an unprecedented pace. With the recommendations from the Institute of Medicine around information technology solutions for patient safety, mandates from industry groups such as Leapfrog about using information systems to improve health care, and the move toward evidence based practice, health institutions cannot afford to retain manual practices. The installation of multi-million dollar computerized health systems represents the very life blood of contemporary clinical operations and a crucial link to the financial viability of institutions. Yet, the implementation of health information systems is exceptionally complex, expensive and often just plain messy. The need for improvement in the art and science of systems implementation is clear: up to 70-80% of information technology installations fail. The reasons are multi-faceted, ranging from the complexity of the diverse workflows being computerized, the intricate nature of health organizations, the knowledge and skills of users to other reasons such as strategies for obtaining key executive support, weaving through the politics peculiar to the institution, and technical facets including the usability of systems. Thus, the art and science of successfully implementing systems remains deeply layered in elusiveness. Still, given the pervasiveness of system implementations and the importance of the outcomes, this is a critical topic, especially for nurses and informatics nurse specialists.



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