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Collana	Annals of Information Systems, , 1934-3221 ; ; 19
Disciplina	650
Soggetti	Health care management Health services administration Application software Health informatics Health Care Management Information Systems Applications (incl. Internet) Health Informatics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	The Impact of Technology Failure on Electronic Prescribing Behavior in Primary Care: A Case Study -- Individuals' Attitudes Towards Electronic Health Records - A Privacy Calculus Perspective -- Understanding Lifestyle Decisions Based on Patient Historical Data: A Latent Growth Modeling Approach -- Designing an Integrated Surgical Care Delivery System using Axiomatic Design and Petri Net Modeling -- Examining Failure in a Dynamic Decision Environment: Strategies for Treating Patients with a Chronic Disease -- An Empirical Investigation of the Impact of Information Technology Integration in Healthcare Integrated Delivery Systems -- Beyond the Use of Robotics: Operations and Supply Chain Control for Effective Inventory Management in a Health System Pharmacy -- Decision-Theoretic Assistants Based on Contextual Gesture Recognition -- Developing a Method to Evaluate Emergency Response Medical Information Systems -- Effective Use of Clinical Decision Support in Critical Care: Using Risk Assessment Framework for

Evaluation of a Computerized Weaning Protocol -- Virtual Worlds in Healthcare -- Natural Language Processing for Understanding Contraceptive Use at the VA.

Sommario/riassunto

This important new volume presents recent research in healthcare information technology and analytics. Individual chapters look at such issues as the impact of technology failure on electronic prescribing behavior in primary care; attitudes toward electronic health records; a latent growth modeling approach to understanding lifestyle decisions based on patient historical data; designing an integrated surgical care delivery system using axiomatic design and petri net modeling; and failure in a dynamic decision environment, particularly in treating patients with a chronic disease. Other chapters look at such topics as the impact of information technology integration in integrated delivery systems; operations and supply chain control for inventory management in a health system pharmacy; decision-theoretic assistants based on contextual gesture recognition; evaluating emergency response medical information systems; clinical decision support in critical care; virtual worlds in healthcare; and natural language processing for understanding contraceptive use at the VA.
