



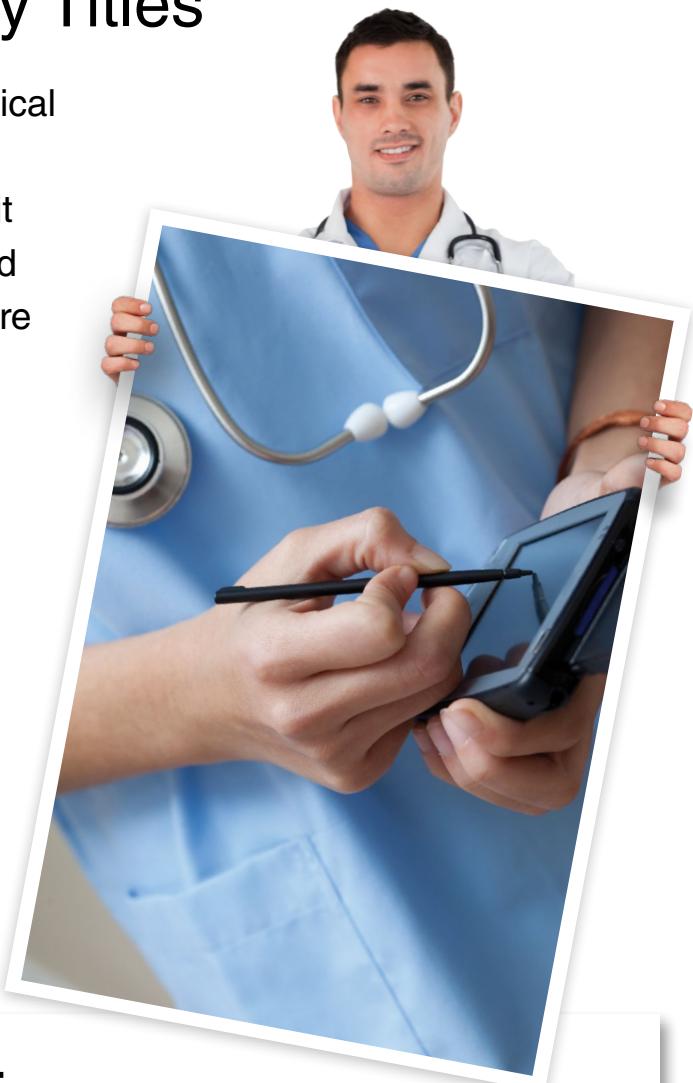
# Topic Collections

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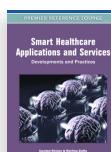
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## Human-Centered Design of E-Health Technologies: Concepts, Methods and Applications

Martina Ziefle (RWTH Aachen University, Germany), et al.  
ISBN: 978-1-60960-177-5; © 2011; 339 pp.

A holistic introduction into the area of human-centered design for e-health applications.



## Smart Healthcare Applications and Services: Developments and Practices

Carsten Röcker (RWTH Aachen University, Germany), et al.  
ISBN: 978-1-60960-180-5; © 2011; 316 pp.

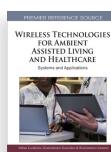
Provides an in-depth introduction into medical, social, psychological, and technical aspects of smart healthcare applications.



## Healthcare Delivery Reform and New Technologies: Organizational Initiatives

Matthew Guah (Claflin University, USA).  
ISBN: 978-1-60960-183-6; © 2011; 371 pp.

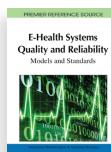
Contains cross-disciplinary research on strategic initiatives for health-care reform that impacts not only patients, but also organizations.



## Wireless Technologies for Ambient Assisted Living and Healthcare: Systems and Applications

Athina Lazakidou (University of Peloponnese, Greece), et al.  
ISBN: 978-1-61520-805-0; © 2011; 258 pp.

Provides a compendium of terms, definitions, and explanations of concepts and processes within the area of AAL.



## E-Health Systems Quality and Reliability: Models and Standards

Anastasios Mountzoglou (European Society for Quality in Healthcare, Greece), et al.

ISBN: 978-1-61692-843-8; © 2011; 376 pp.

Addresses healthcare systems and presents a novel framework for revealing, understanding, and implementing appropriate management interventions leading to qualitative improvement.



## Developments in Healthcare Information Systems and Technologies: Models and Methods

Joseph Tan (McMaster University, Canada)

ISBN: 978-1-61692-002-9; © 2011; 311 pp.

Presents the latest research in healthcare information systems design, development, and deployment.



## Handbook of Research on Human Cognition and Assistive Technology: Design, Accessibility and Transdisciplinary Perspectives

Soonhwa Seok (University of Wisconsin-Whitewater, USA), et al.

ISBN: 978-1-61520-817-3; © 2010; 621 pp.

Marks a critical milestone in the history of implementation and practice of assistive technology.



## Healthcare and the Effect of Technology: Developments, Challenges and Advancements

Stefane M. Kabene (Ecole des Hautes Etudes en Santé Publique, France)

ISBN: 978-1-61520-733-6; © 2010; 400 pp.

Presents the perspective of a distinct form of e-health that is patient-focused, patient-aware, and patient-active.



## Pervasive and Smart Technologies for Healthcare: Ubiquitous Methodologies and Tools

Antonio Coronato (CNR, Italy), et al.

ISBN: 978-1-61520-765-7; © 2010; 360 pp.

Offers solutions for the pressures within today's healthcare systems.

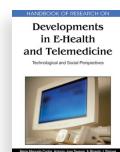


## Creating Knowledge-Based Healthcare Organizations

Nilmini Wickramasinghe (Cleveland State University, USA), et al.

ISBN: 978-1-59140-459-0; © 2005; 388 pp.

Includes the methodologies, systems, and approaches needed to create and manage knowledge in various types of healthcare organizations.



## Handbook of Research on Developments in E-Health and Telemedicine: Technological and Social Perspectives

Maria Manuela Cunha (Polytechnic Institute of Cavado and Ave, Portugal), et al.  
ISBN: 978-1-61520-670-4; © 2010; 888 pp.

Addresses the main issues, challenges, opportunities, and trends related to the fields of online health and medical study.



## Text Mining Techniques for Healthcare Provider Quality Determination: Methods for Rank Comparisons

Patricia Cerrito (University of Louisville, USA)

ISBN: 978-1-60566-752-2; © 2010; 410 pp.

Defines patient severity indices for risk adjustments and comparison of patient outcomes to assess quality factors.



## Redesigning Innovative Healthcare Operation and the Role of Knowledge Management

M. Saito (Waseda University, Japan), et al.

ISBN: 978-1-60566-284-8; © 2010; 322 pp.

Provides comprehensive frameworks, constraints, and performances analyzed by experts within the healthcare sector.

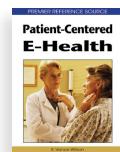


## Handbook of Research on Advances in Health Informatics and Electronic Healthcare Applications: Global Adoption and Impact of Information Communication Technologies

Khalil Khoumbati (University of Sindh, Pakistan), et al.

ISBN: 978-1-60566-030-1; © 2010; 628 pp.

Sheds light on the adoption and usage of health informatics.

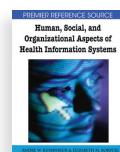


## Patient-Centered E-Health

E. Vance Wilson (Arizona State University, USA)

ISBN: 978-1-60566-016-5; © 2009; 300 pp.

Provides the reader with information on current technological integrations, potential uses for technology in healthcare, and the implications—both positive and negative—of health informatics for one's health.



## Human, Social, and Organizational Aspects of Health Information Systems

A.W. Kushniruk (University of Victoria, Canada), et al.

ISBN: 978-1-59904-792-8; © 2008; 422 pp.

Offers an evidence-based management approach to issues associated with the human and social aspects of health information systems.



## Information Systems and Healthcare Enterprises

Roy Rada (University of Maryland Baltimore County, USA)

ISBN: 978-1-59904-651-8; © 2008; 380 pp.

Provides insight on the challenges arising from the adaptation of information systems to the healthcare industry.



## Web Mobile-Based Applications for Healthcare Management

Latif Al-Hakim (University of Southern Queensland, Australia)

ISBN: 978-1-59140-658-7; © 2007; 450 pp.

Addresses the difficult task of managing admissions and waiting lists while ensuring a quick and convincing response to unanticipated changes of clinical needs.



## E-Health Systems Diffusion and Use: The Innovation, the User and the UseIT Model

Ton A. M. Spil (University of Twente, The Netherlands), et al.

ISBN: 978-1-59140-423-1; © 2006; 342 pp.

Offers an overview of the use and diffusion of information systems in the healthcare sector with particular attention to the role of the user.