E-Health Systems Quality and Reliability: Models and Standards

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Healthcare professionals and patients hold fundamentally different views with respect to the content of quality in healthcare as related to the reliability of systems and services. 

E-Health Systems Quality and Reliability: Models and Standards addresses the reason, principles and functionality of health and health care systems and presents a novel framework for revealing, understanding and implementing appropriate management interventions leading to qualitative improvement. It also provides evidence on the quality and reliability of telemedicine and reviews standards and guidelines for practicing medicine at a distance.

Topics Covered:

- E-Health Communities for Learning
- Healthy Habits
- E-learning in Healthcare
- Evaluation considerations for e-health systems
- IT Architecture for Drug Effectiveness Reporting
- Patient-physician relationship
- Principles and Logic of Quality Management in Healthcare
- Quality Assurance in Evidence-based Medicine
- Quality, E-Health and Healthcare Education
- Reliability aspects in evidence-based e-medicine
- Telemedicine Standards and Guidelines Development

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General Principles and Logic of Quality Management in Health and Healthcare
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Chapter 2
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Zvárová Jana (Institute of Computer Science of the Academy of Sciences of the Czech Republic, The Czech Republic)
Zvára Karel (EuroMISE s.r.o., The Czech Republic)

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The European Perspective of E-Health and a Framework for its Economic Evaluation
Di Giacomo Paola (University of Udine, Italy)

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Stathopoulos Aliki (Hellenic Accreditation System, Greece)
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Varlamis Iraklis (Harokopio University of Athens, Greece)

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Anastasios Asen (Medical University Hospital “St. George”, Bulgaria)

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Chapter 22
E-Health as the Realm of Healthcare Quality:
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