



METADATA

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Abstract

Digital health is a rapidly evolving field that relies on information and communication infrastructure to support health services at every stage and place where a health delivery process takes place. It is an interdisciplinary field with main points of reference Computer Science and Healthcare, but also several other scientific disciplines related to quality, health economics, mathematics, biomedicine, medical informatics, engineering sciences etc. This book focuses on the question of quality in digital health: that is, how the performance of health IT systems can be evaluated, so that their adoption in healthcare environments achieves the improvement of care services offered and hence the further improvement both the health of patients and the overall efficiency of the health system. In recent years in healthcare, accountability, transparency and necessary communication have

taken a prominent place in the list of characteristics of healthcare providers. If a healthcare organization does not take steps to be able to meet these demands, its future does not bode well. In this direction, digital health acts as a catalyst: the entire process of providing health to a patient is supported by the corresponding digital processes. Therefore, the quality of the services provided is the point of reference: the management should have the necessary tools to measure the quality, propose the necessary changes and evaluate the result. The aim of this book is to approach digital health from the quality point of view, both from the theoretical point of view of the study of quality and with applied technologies and methods for the evaluation and improvement of the quality of health, encouraging readers to use in practice the knowledge they will get from reading it.