INFORMATION AND COMMUNICATION TECHNOLOGY ADOPTION BY HEALTHCARE PROFESSIONALS: A SYSTEMATIC REVIEW OF THE PROPOSED THEORETICAL MODELS

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ABSTRACT
Information and Communication Technology (ICT) offers a huge potential to answer many of the challenges faced by healthcare sector. ICT applications are known for their efficient tools and these tools help to collect, store, process and communicate health-related data and information. Further, ICT is expected to improve safety, quality, and cost-efficiency of healthcare services. Benefits are found to be manifold and the expected beneficiaries are patients, health care professionals, organizations and the public in general. Therefore, the integration of ICT into the health system has its own importance and also constitutes a priority for many countries. However, ICT adoption among healthcare providers remains an important issue and there is always an absolute need for extensive research. This paper reviews some of the theoretical models that have been applied to the study of ICT adoption in the healthcare sector. A knowledge synthesis on factors involved in ICT adoption among healthcare professionals has also been carried out. In addition, key issues have also been addressed in order to promote the integration of ICT in the daily practice of healthcare professionals.

KEYWORDS: Information and Communication Technology, Healthcare, Adoption, Theoretical Models, Review.

REFERENCES


