School of Health Information Science Seminar:

Conceptual and Methodological Considerations Related to Measuring the Actual Use of Digital Health Technologies From a Clinician and Patient Perspective

Speaker:

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MAY 03rd on Zoom
12:00PM PT

The adoption and use of digital health technologies are increasingly becoming a part of healthcare practises for both clinicians and patients. For a long time, implementation research examining technology adoption has focused on measuring intention to use systems from a predictive perspective. Even today, there are few studies that measure IT adoption factors from an explanatory perspective of clinicians' behavioural response to support clinical practices. This situation also converges with the empirical data widely disseminated in the scientific literature, where the intention to use a system is still considered as a dependent variable sufficiently proximal to explain the actual use of IT.

However, the deployment of digital health technologies such as electronic clinical records has come a long way and it is now possible to explain the nature of the use of systems to support clinical reasoning, work integration and patient care. It is more essential than ever to look at the specifics of how systems are actually used in order to appreciate key characteristics and effects on clinical practices and end user experience. In addition, there is a need to address the use of systems by patients who gradually engage in digital health, which could lead to a more symmetrical and collaborative therapeutic relationship between patients and clinicians made possible by technology. The objective of this presentation is to address various conceptual and methodological considerations related to measuring the actual use of digital health technologies used by clinicians and patients.

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