
[Home](#) > [Vol 9, No 1 \(2001\)](#) > [Handy](#)Font Size:   

A Technology Acceptance Model for Inter-Organisational Electronic Medical Records Systems

Jocelyn Handy, Richard Whiddett, Inga Hunter

Abstract

This article reports the findings of the first stage of an ongoing, longitudinal study into the implementation of an interorganisational electronic medical records (EMR) system. The study adapted and expanded Davis' (1993) technology acceptance model (TAM) to investigate the attitudes of primary care practitioners towards a proposed system for maternity patients. All doctors and midwives holding maternity care contracts with a large urban hospital in New Zealand were sent a questionnaire soliciting their views on a planned EMR system linking the hospital and the primary care sectors. The results showed that whilst Davis' two key factors of perceived ease of use and perceived usefulness were important to medical professionals, another key factor, perceived system acceptability, which concerns control and management of information is vitally important to the acceptance of the system. The study also showed that the two groups of professionals had differing requirements due to different levels of experience and practice computerisation. Finally, the research highlights a number of wider organisational issues particularly relevant to the use of inter organisational systems in general and healthcare systems in particular.

Full Text: [PDF](#)

Reading Tools

[Review policy](#)
[About the author](#)
[How to cite item](#)
[Indexing metadata](#)
[Notify colleague*](#)
[Email the author*](#)
[Add comment*](#)
[RELATED ITEMS](#)
[Author's work](#)
[Book searches](#)
[Web search](#)

* Requires [registration](#)

Search

 
Web [dl.acs.org.au](#)
About the ACS

- [Membership](#)
- [E-learning](#)
- [Scholarships](#)
- [Library](#)
- [Bookstore](#)