

**PERCEPTION OF NURSES TOWARDS ELECTRONIC  
MEDICAL RECORDS**

**TSHEPHO KEEBONE**

**1000821263**

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## ABSTRACT

Healthcare organizations in Malaysia have invested heavily in internet-based health applications like the Electronic Medical Records (EMR). However the effective implementation of EMR has faced several problems. One of the problems is user acceptance of EMR. User satisfaction has been associated with perceived usefulness (PU) and perceived ease of use (PEOU) by healthcare professionals.

A descriptive design was employed with a survey methodology to determine the perception of Registered Nurses in Malaysia towards the use of EMR. The findings indicate that nurses had a positive perception towards PU and PEOU of EMR. A statistically significant relationship was found between age and PU and PEOU. A significant relationship was also found between gender and PEOU.

In conclusion, nurses have positive perception towards EMR looking at perceived ease of use and perceived usefulness. However this study reflects the need for training for effective use of EMR. It is highly recommended that the organizations should initiate training sessions each time during orientation of new staff and when there is a change of software. The use of super users at the bedside to give support to those who need help with EMR is also recommended.

**Keywords:** Electronic medical record, registered nurse, Perception.