

ABSTRACT

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THE PROTECTION OF ELECTRONIC MEDICAL RECORD DATA OF HIV/AIDS PATIENTS AT MOH. ZYN HOSPITAL SAMPANG	
ABSTRACT	
<i>The development of information technology in the digital era brings significant benefits to the health sector, one of which is through the implementation of Electronic Medical Records (EMR) which facilitates the recording, storage and access of patient data. However, behind these benefits, there are serious challenges related to patient data protection, especially HIV/AIDS patients who have a high risk of experiencing stigma and discrimination if their personal data is leaked. Although there have been no cases of HIV/AIDS patients' data leakage in Moh. Zyn Hospital Sampang, preventive efforts are still important to ensure the protection of their data. This study aims to review and evaluate the preventive electronic medical record data protection system for HIV/AIDS patients at Moh. Zyn Hospital Sampang, so that the potential risk of data leakage can be minimized early on.</i> <i>This research used a descriptive qualitative approach with in-depth interviews and observations of two VCT Poli officers at Moh. Zyn HospitalSampang, and was analyzed using the Miles and Huberman method through reduction, presentation, and conclusion drawing.</i> <i>The results showed that the access control mechanism was carried out through password authentication, centralized account creation with the approval of the poly coordinator, and account deactivation when the officer moved to the work unit. RME data management of HIV/AIDS patients had been integrated with Hospital Management Information System without re-entry, thereby increasing efficiency and data reliability. In terms of software, devices use the latest version of Windows that was regularly updated and built-in antivirus, and officers apply safe behavior in accessing suspicious files. In terms of hardware, physical security was applied in the form of locking workstations, securing CPU and RAM with safety cables and CPU case locks, and regular inspections to ensure device security.</i> <i>The service facilities at the VCT clinic of Moh. Zyn Hospital Sampang show good protection of electronic medical records of HIV/AIDS patients through access control, integrated data management, software updates, and physical security of devices. According to the author, these</i>	

preventive efforts are important to maintain the confidentiality of HIV/AIDS patients and maintain public trust in health services in the digital era.

Keywords: Data Protection, Electronic Medical Records, HIV, SIMRS, Information Security