ABSTRAK

Latar Belakang: Setiap rumah sakit diwajibkan untuk mencatat dan melaporkan seluruh kegiatan yang diselenggarakan oleh rumah sakit dalam bentuk Sistem Informasi Manajemen Rumah Sakit. Dalam proses implementasi SIMRS, masih terdapat kendala-kendala yang dirasakan petugas RSUD Kota Yogyakarta ketika menggunakan SIMRS SMARTA. Selain itu, belum pernah dilakukan analisis efektivitas secara kuantitatif mengenai SIMRS SMARTA di RSUD Kota Yogyakarta.

Tujuan: Menganalisis hubungan antara persepsi petugas berdasarkan aspek PIECES *(performance, information, economic, control, efficiency* dan *services)* dengan efektivitas implementasi SIMRS SMARTA di RSUD Kota Yogyakarta.

Metode: Jenis penelitian yang digunakan adalah kuantitatif obervasional dengan rancangan *cross sectional.* Penelitian dilaksanakan pada Bulan Maret sampai April 2022 di RSUD Kota Yogyakarta. Populasi penelitian adalah petugas yang menggunakan SIMRS SMARTA sebanyak 642 petugas. Besar sampel penelitian 87 responden yang ditentukan berdasarkan teknik *stratified random sampling.* Pengambilan data menggunakan kuesioner. Analisis data menggunakan uji statistik deskriptif, uji korelasi Pearson dan uji regresi linear berganda.

Hasil: SIMRS SMARTA merupakan SIMRS terpilih di RSUD Kota Yogyakarta yang mulai digunakan oleh petugas sejak Bulan Juli 2021. SIMRS SMARTA dipercaya RSUD Kota Yogyakarta untuk merealisasikan target *electronic medical record* dan membantu pekerjaan petugas. Berdasarkan hasil uji korelasi Pearson, terdapat hubungan antara aspek PIECES *(performance, information, economic, control, efficiency dan services)* terhadap efektivitas implementasi SIMRS SMARTA dengan p-value 0,000. Hasil uji regresi linear berganda diketahui bahwa aspek PIECES memengaruhi efektivitas implementasi SIMRS secara simultan dengan persentase 78,6% dan aspek *services* menjadi satu-satunya aspek yang memengaruhi efektivitas implementasi SIMRS. Aspek yang paling dominan memengaruhi efektivitas implementasi SIMRS SMARTA adalah aspek yang terdiri atas komponen reliabilitas, kesederhanaan dan kemudahan SIMRS untuk dipelajari.

Kesimpulan: Aspek *services* memengaruhi efektivitas implementasi SIMRS SMARTA sehingga dibutuhkan upaya untuk mengoptimalkan aspek *services* agar implementasi SIMRS SMARTA menjadi lebih efektif.

Kata Kunci: efektivitas, PIECES, RSUD Kota Yogyakarta, SIMRS, SMARTA

ABSTRACT

Background: *Each hospital is required to record and report all activities organized by the hospital in the form of a SMARTA Hospital Management Information System. In the process of implementing the Hospital Information Management System, there are still obstacles that are felt by the Yogyakarta City Hospital staff when using SMARTA Hospital Information Management System. In addition, there has never been a quantitative analysis of the effectiveness of SMARTA Hospital Information Management System at the Yogyakarta City Hospital.*

Objective: *Analyzing the relationship between staff perceptions based on PIECES aspects (performance, information, economic, control, efficiency and services) with the effectiveness of SMARTA Hospital Information Management System implementation in Yogyakarta City Hospital.*

Methods: *The type of research used is observational quantitative with a cross-sectional design. The research was carried out from March to April 2022 at the Yogyakarta City Hospital. The population of this research is officers who use SMARTA HMIS as many as 642 officers. The research sample size was 87 respondents who were determined based on the stratified random sampling technique. Collecting data using a questionnaire. Data analysis used descriptive statistical test, Pearson correlation test and multiple linear regression.*

Results: *SMARTA Hospital Management Information System (HMIS) is the selected HMIS at the Yogyakarta City Hospital which has been used by officers since July 2021. SMARTA HMIS is trusted by the Yogyakarta City Hospital to realize the target of electronic medical records and assist officers in the work. Based on the results of the Pearson correlation test, there is a relationship between aspects of PIECES (performance, information, economic, control, efficiency and services) on the effectiveness of SMARTA HMIS implementation with a p-value of 0.000. The results of the multiple linear regression test show that the PIECES aspect affects the effectiveness of SIMRS implementation simultaneously with a percentage of 78.6% and the services aspect is the only aspect that affects the effectiveness of HMIS implementation. The most dominant aspect influencing the effectiveness of SMARTA HMIS implementation is the aspect which consists of components of reliability, simplicity and ease of HMIS to learn.*

Conclusion: *The services aspect affects the effectiveness of SMARTA Hospital Information Management System implementation so efforts are needed to optimize the services aspect so that Health Information Management System implementation becomes more effective.*

Keywords: *effectiveness, Hospital Information Management System**, PIECES, SMARTA, Yogyakarta City Hospital.*