

ABSTRAK

Latar Belakang: Setelah penerapan rekam medis elektronik, Puskesmas Seyegan masih membutuhkan rekam medis kertas untuk pelayanan kepada pasien. Hal tersebut disebabkan riwayat pasien belum seluruhnya masuk dalam rekam medis elektronik, serta beberapa tempat belum terkonversikan kedalam sistem rekam medis elektronik. Dengan adanya gejala-gejala permasalahan tersebut dibutuhkan analisis *PIECES* untuk mengetahui permasalahan utama.

Tujuan: Mengevaluasi penerapan rekam medis elektronik di Puskesmas Seyegan, Sleman, Yogyakarta berdasarkan aspek *PIECES*.

Metode: Penelitian dengan metode kualitatif. Teknik pengambilan data berupa wawancara dan observasi. Subjek penelitian yaitu sepuluh orang pengguna sistem dengan triangulasi Kepala Subbagian Tata usaha Puskesmas Seyegan. Objek penelitian yaitu evaluasi penerapan rekam medis elektronik. Validitas data dilakukan dengan mengkonfirmasi hasil penelitian dengan triangulasi. Analisis data dengan pengumpulan data, reduksi data, kemudian pembuatan kesimpulan oleh peneliti.

Hasil: Dalam aspek *performance* Item data belum lengkap. Dalam aspek *information* sistem belum dapat mendeteksi ketidakakuratan pengisian data, data-data antropometri pasien tidak otomatis terisi, *history* pasien terbaru belum tersedia, informasi belum disajikan dalam format dan bentuk yang sesuai. Dalam aspek *economic* penurunan biaya belum terlalu dirasakan. Dalam aspek *control* keamanan data dan sistem kurang terjamin. Dalam aspek *efficiency* sistem mudah dipelajari. Dalam aspek *service* sistem kurang dapat diandalkan untuk melakukan pekerjaan.

Kesimpulan: Sistem rekam medis elektronik di Puskesmas Seyegan belum dapat diandalkan sepenuhnya. Hal tersebut disebabkan item data pada sistem belum lengkap sehingga petugas masih melakukan *double entry* sehingga dibutuhkan pelengkapan item data

Kata Kunci: Evaluasi, Rekam Medis Elektronik, Puskesmas, *PIECES*, SISFOMAS

ABSTRACT

Background: After implementation of EHR, Seyegan Public Health Center still using paper based medical record because of history of patient is not recorded completely in EHR and some place still not converted to EHR. Based on that evaluation PIECES is needed to identify main problems.

Aim: Evaluating application of electronic medical record in Seyegan Public Health Center using PIECES

Method: This research using qualitative method, with interview and observation as method to collect data. Subject of this research was ten users of EMR with head of subsection of administration as triangulation. Object of this research was to evaluate implementation of EMR. Data validation was done by confirmed data's result with triangulation. Data analysis was done by collected data, reduced data, and made conclusion.

Result: Based on PIECES analysis. In performance, data item is not complete. In information aspect information, system can't detect data's inaccuracies, anthropometry data of patient can't be automatically filled, information of patient's history is not available, information is not served in right format and form. In economic cost reduction is not been felt. In control the security of systems' data is not guaranteed, in efficiency aspect system is easy to use and learn, in service aspect system can't be fully reliable to doing work.

Conclusion: Electronic health record can't be fully reliable to doing work because item data is not complete and workers still did double entry. Therefore completion of item data is needed

Keyword: Evaluation, Electronic health record, Public Health Center, PIECES, SISFOMAS