The Evaluation of Success of SIMRS Implementation at PTPN X Jember Plantation Hospital **(Doni Setiawan Hendyca P. S.Kep,Ns,M.Kes)**

Suhartatik
Medical Record Study Program
Department of Health

ABSTRACT

PTPN X Jember Plantation Hospital applies a hospital management system or hospital information system (SIMRS) since 2012. The results of a pilot study conducted by the researcher showed that there are still several issues in the implementation of hospital management information systems (SIMRS) including data mismatches and incomplete features. The objective of this study was to evaluate the success of the SIMRS implementation at PTPN X Jember Plantation Hospital using the Task Technology Fit (TTF) theory. This study was quantitative research. Data collection techniques used questionnaires with a total of 54 respondents as the sample. In this study, data processing used path analysis with Lisrel 8.80 program to determine the significant relationship between variables. The results showed that the identification of the TTF variable at the PTPN X Jember Plantation Hospital showed that the Task Characteristic (TAC) had a total score of 80.1%, Technology Characteristic (TEC) had a total score of 77.5%, Task Technology Fit (TTF) had a total score. 78.17%, Performance Impact (PI) has a total score of 78.19%, and Utilization (U) has a total score of 80.25%. The analysis of the significant effect of the TTF variable shows that TAC and TEC have a positive and significant effect on TTF, TTF has a positive and significant effect on PI, TTF has a positive but not significant effect on U, TAC and TEC have a positive and significant effect on PI mediated by TTF, TAC and TEC positive but not significant effect on U mediated by TTF. The suggestion proposed by the researcher regarding the above problems is that the hospital needs to make improvements and development of systems related to data consistency, feature completeness, and feature optimization in SIMRS according to user needs to increase the success of its implementation.

Keywords: *Hospital, Evaluation, Hospital Information Management System, Task Technology Fit*