

## ***ABSTRACT***

*The Open Source Generic Management Information System (SIMGOS) is used to support the digitization of medical record data at RSUD dr. Murjani Sampit. However, it is not yet known exactly to what extent this system is accepted by medical personnel and whether its features are in accordance with their task needs. This study uses the Task-Technology Fit (TTF) approach to evaluate the fit between task characteristics, technology features, user efficacy, organizational readiness, and system usage. Data were obtained through questionnaires and analyzed using SEM-PLS with the help of SmartPLS software. The results of hypothesis testing showed that the Clinical Task Characteristics variable had a significant effect on TTF ( $T = 1.671$ ;  $p = 0.095$ ), SIMGOS Characteristics on TTF ( $T = 4.901$ ;  $p = 0.000$ ), and Self-Efficacy on TIF ( $T = 4.754$ ;  $p = 0.000$ ). In addition, TTF affects System Usage ( $T = 2.387$ ;  $p = 0.017$ ), as well as TIF on System Usage ( $T = 2.773$ ;  $p = 0.006$ ). This study concludes that the higher the suitability of the system with task needs and individual abilities, the higher the intensity of SIMGOS usage in daily hospital operations. The resulting recommendations include increasing training, improving the system interface, and strengthening organizational support to support overall system adoption.*

**Keywords:** *SIMGOS, task-technology fit, user acceptance, digital medical record, RSUD dr. Murjani Sampit.*