ABSTRACT

EVALUATION OF THE UTILIZATION OF THE FACILITY, INFRASTRUCTURE, AND MEDICAL EQUIPMENT APPLICATION (ASPAK) DATA IN THE PLANNING AND MAINTENANCE OF FACILITIES, INFRASTRUCTURE, AND MEDICAL EQUIPMENT AT RSUD HAJI MAKASSAR

Author : Ira Ekawati
Supervisors : Sulaeman Fattah
Alam Tauhid Syukur

The utilization of ASPAK *data at* RSUD Haji Makassar *has not been optimal in supporting the planning and maintenance of facilities, infrastructure, and medical equipment. Identified challenges include delays in data updates, a lack of integration between* ASPAK *and the Hospital Management Information System (*SIMRS*), limited human resource competencies, and manual data validation processes. This study aims to evaluate the utilization of* ASPAK *data in the planning and maintenance of facilities, infrastructure, and medical equipment at* RSUD Haji Makassar*.*

*This study employs a qualitative approach with a case study design. The informants consisted of 18 individuals, including the Director, Head of Planning and Evaluation, Head of the Hospital Facility Maintenance Installation (*IPSRS*), electromedical technicians, user property managers, division heads, and head nurses. Data were collected through in-depth interviews, observation, and document review, and were subsequently analyzed using thematic analysis.*

The results of the study indicate that ASPAK *data have been utilized as a basis for drafting the procurement planning of facilities, infrastructure, and medical equipment, maintenance planning, monitoring calibration and equipment feasibility, evaluating facility compliance against hospital standards, and supporting accreditation and licensing processes. However, its utilization remains suboptimal due to persistent challenges such as delayed data updates, the lack of integration between* ASPAK *and the Hospital Management Information System (*SIMRS*), limited human resource competencies, and manual validation processes. Therefore, strengthening data governance, integrating information systems, enhancing human resource capacity, and conducting regular data quality audits are necessary so that* ASPAK *can function optimally as a decision-support system in the management of hospital facilities, infrastructure, and medical equipment.*

Keywords: ASPAK*, planning, maintenance, facilities and infrastructure, medical equipment, hospital.*

Translated by:

The AgencyES
Language Institute
File No.: 839-S2-226022