



## **The Effect of the Quality of Health Information System to Health Care Management in Dental and Oral Health Care Center South Sulawesi Province**

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**Abstract :** Health information system (HIS) has a role to providing data, information, and health indicators in support of the management process. The purpose of this study was to determine the effect of the quality of health information system from the aspect of availability, relevance, and accuracy to health care management at the Dental and Oral Health Care Center (DOHCC) of South Sulawesi Province. The type of this study was quantitative with cross sectional design. The population in this study were all employees in DOHCC, which were 85 people. The sampling technique in this research was purposive amounted to 76 people. The data were collected through questionnaires. Data were analyzed by chi-square test with a confidence interval (CI) of 95% and  $p < 0.05$ . The statistical test used in this study was logistic regression by using SPSS software. The results showed that there was a significant relationship between HIS from the aspect of availability ( $p = 0.012$ ) and the relevance ( $p = 0.027$ ) to health care management, while HIS from the aspect accuracy ( $p = 0.113$ ) had no significant relationship to health care management in DOHCC of South Sulawesi Province. It was recommended that information technology can be maximum utilized to provide information in improving health services.

**Keywords :** health information system, availability, and management.

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