

## ABSTRACT

*Management of medical equipment starts from planning, procurement, use, maintenance and removal. The elimination of medical equipment aims to make the use of medical equipment in the hospital effective and efficient as well as administering accountable medical equipment and freeing users or authorities of goods users from the administrative and physical responsibility of goods under their control. This study aims to produce a web-based application "Medical Equipment Management Information System (deletion analysis based on MMEL output)" that can be accessed online and managed by many users. This type of research is pre experimental one group post design, with a quantitative descriptive approach. The data used are secondary data, namely corrective maintenance data in Pariaman Hospital in 2017. The results of the web-based SIPPMM study can be used to calculate the Maximum Maintenance Expenditure Limit (MMEL) and the proposed deletions can be made based on the MMEL value. The results of the system use test based on the calculation of the average number of satisfaction levels obtained value 3.89 and it can be concluded that the level of user satisfaction with SIPPMM is included in the "satisfied" category.*

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**Keyword:** *MMEL, Information Systems, Software, Medical Tool Removal.*