

ABSTRACT

To provide maximum service, in the Hospital there is a need for medical equipment management activities as one of the activities that handle medical equipment the start of receipt to deletion. The system that is in RSUD Pariaman is still done manually, as a result, the medical equipment data is not properly managed. Therefore the author will make an application that can facilitate the IPSRS in managing medical equipment. The purpose of making a "Medical Equipment Management Information System" (Equipment Management Value Analysis to determine maintenance schedules) is to calculate function values, risks, maintenance, incidents, so that the total score of Equipment Management can help IPSRS to schedule maintenance.

The type of research used was pre-experimental with the type of one group post design research, in this case the author only made treatment in the form of software to calculate the value of Equipment Management. From this study it can be seen that the average number of equipment management values in the emergency room is highest in the frequency of 6 months, namely 15.7, the highest ICU is at a frequency of 4 months, the average value is 20, OK is the highest frequency of 4 months average value of 20.67.

The conclusion of this study is that the web-based Medical Equipment Management Information System that has been produced can be used to manage medical equipment data, starting from data on receipt, inventory, maintenance, calibration and deletion and equipment management score can be a recommendation to determine and schedule maintenance.

Keywords: *SIPPM, Equipment Management*