Design of web based medical record of disaster victim in the emergency unit of puger public health center, jember regency

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ABSTRACT

Emergency services aim to save the emergency patients and disaster victims with fast and proper emergency handling. So it can be achieved by improving the facilities, infrastructure, human resources and management of the public health center in accordance with the standards. The services of public health center are planning, implementing, evaluating, recording, reporting that are merged in the system. The emergency officers of Puger Public Health Center still use the expedition book to register the data so it caused the officer difficulty in searching the data. They still use the manual form so that the result documentation of the disaster victims data are incomplete. It makes the quality of the information is less accurate. The research aimed to design a web-based disaster victim medical record in the Emergency Unit of Puger Public Health Center, Jember Regency. It used a qualitative research. The system development was using the waterfall method. The data collections were from interviews to four subjects consist of two emergency officers, a disaster reporting officer and the head of pucblic health center, observations and documentation. The electronic medical record of disaster victims in the emergency unit was made from the software needs analysis, system design, program code creation, and black box testing.The results of this study is a website to register the medical records of disaster victims in the Emergency Unit of Puger Public Health Center, this website is expected to facilitate officers in recording and filing the data of disaster victims in the emergency unit.

Key Word*: disaster victim, emergency unit, medical record, waterfall, website.*