Spatial Design of Medical Records Storage Ergonomically at Kencong Health Center Jember Regency

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ABSTRACT

Ergonomics is the science that studies human behavior in relation their work. The medical record storage room at the Kencong Health Center Jember Regency, is still not ergonomic because the room conditions are still relatively narrow, with an area of 6 m^2, while based on the standard storage room area it is 20 m^2. There are several problems that exist in the medical record storage room at the Kencong Health Center Jember Regency including the room is not spacious, it was found that several medical records were piled up not stored on the storage rack, there was one lamp so that the storage room was not bright, the room temperature was still hot, and facilities that are not ergonomic according to the officers anthropometry. The purpose of this study was to design an ergonomic medical record room at the Kencong Health Center Jember Regency. This research is a qualitative research, with data collection techniques carried out by observation, interviews and documentation. The result of this research is to produce a new ergonomic medical record storage layout design at Kencong Public Health Jember Regency. The room area for the new medical records storage room is 70 m^2 with the addition of supporting facilities such as a table, chair, 1 AC (Air Conditioner), 4 pieces 25 watt lamps, and the addition of room ventilation measuring 5,6 m^2. Measurement of body dimensions for officer in the medical record storage room according to anthropometric theory aims to design work facilities to suit each officer's body. It is suggested to the Kencong Health Center Jember Regency to increase the area of the medical record storage room and rearrange the room according to ergonomics aspects.

Keyword : Spatial Design, Medical Records, Ergonomics