

**Desain Ergonomi Ruang unit Kerja Rekam Medis di Puskesmas Nogosari  
Rambipuji Jember (The Design of Medical Record Room at Nogosari  
Rambipuji Jember Health Center)**

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***ABSTRACT***

*The medical record room at Nogosari Health Center still does not meet the ergonomic aspects because the condition of the room is too narrow which is only 9 m<sup>2</sup>, this is not in accordance with existing standards. Arrangement of facilities and infrastructure is also not efficient where the distance is too narrow so that makes officers less free when moving. The medical record processing room becomes one room with a medical record file storage room. This type of research uses a mixed method method that is a combination of qualitative and descriptive methods with quantitative approaches. The results of the study are the design of a new medical record workspace unit tailored to the medical record file processing flow which includes the overall activities of assembling, coding, indexing, reporting and filing and adjusted to the needs of facilities and infrastructure. Calculation of shelf needs for 5 years to come is 1 roll pack. Infrastructure that is not yet ergonomic includes a work desk and a work chair designed by adjusting the anthropometry of the officer. A thermo hygrometer is needed to maintain a stable temperature and humidity. The physical environment of the new medical record work unit is calculated by adjusting the area of the room including lighting requiring 14 light points so that the power is 280 watts and the lighting index is 266 lux, natural air ventilation in the form of windows in each room is 15% of the floor area, and the need for air conditioning as much as 3 units with 2 pieces of AC power  $\frac{3}{4}$  PK and 1 piece AC  $\frac{1}{2}$  PK. The new design of medical record work unit uses a sketch up application in accordance with ergonomic aspects including efficiency, health, safety, security and comfort.*

**Keywords:** *Design, Ergonomics, Anthropometry, Medical Records, Puskesmas.*