

Design of Filling Room Inpatient in Fatimah Banyuwangi Islamic Hospital

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ABSTRACT

The inpatient filling room at Fatimah Banyuwangi Islamic Hospital didn't meet ergonomic aspects. This study aims to design an ergonomically designed inpatient filling room at Fatimah Banyuwangi Islamic Hospital using anthropometric measurements of hospital staff. This research uses a qualitative method with data collection techniques through observation, interviews, documentation, and brainstorming. The research subjects consisted of 4 informants, namely 1 head of medical records and 3 medical record staff. The results of the study are the design of a work chair that has been adjusted to the anthropometric measurements of the staff with dimensions: seat width = 35 cm, backrest width = 46 cm, backrest height = 55 cm, seat height to head = 94 cm, seat length = 44 cm, chair height = 45-49 cm, armrest height = 24-26 cm, armrest length = 44 cm. The design of the work table has been adjusted to the anthropometric measurements of the staff with dimensions: table width = 60 cm, table length = 155 cm, table height = 73 cm. The design of the storage rack has been adjusted to the anthropometric measurements of the staff with dimensions: rack height = 176 cm and distance between racks = 46 cm. Calculations for the next 5 years show that 10 roll o'pack racks will be needed with a room area of 160 m². It is expected that the hospital will implement the new filling room design that meets ergonomic aspects

Keywords : Design, Ergonomics, Medical Record, Filling Room.