

ABSTRACT

Analysis Of Patient Handling Risk Factors Against Musculoskeletal Disorders on Hospital Nurses In Yogyakarta

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Hospitals are places that are the center of community activities in obtaining health services, the officers who often interact with the community are nurses. Especially for people who are sick or need intensive care at the hospital during their recovery. As long as a patient in the hospital will arrange with the nurse, starting from controlling health, giving medicine until the patient defecates. The nurse's task is very complex and also dangerous. One of the real dangers that can be experienced by nurses is pain in members of the outer motion frame. This is supported by the results of preliminary studies obtained by data that there are complaints of musculoskeletal disorders in the waist, legs, back and hands of nurses in one of the Yogyakarta Hospitals. In this case the researcher intends to raise the title "Risk Factor Analysis of Patient Handling Against Musculoskeletal Disorder in Nurses at Yogyakarta Hospital". The purpose of this study is to identify musculoskeletal disorders and analyze the risk factors for patient handling in hospitals and provide recommendations for improvement. The research method used is quantitative descriptive analysis with smartpls measuring instruments, rapid upper limb assessment and Nordic body map questionnaire. The number of samples is 89 nurses who work in 4 hospitals in Yogyakarta. The results of this study are known that there are several parts of the body that are often complained by respondents such as the neck, shoulders, back and waist. In addition, findings were also found in the form of a dangerous work posture on nurses with a normal value (7). Smartpls analysis shows that the work of patient handling and the physical environment has an effect on musculoskeletal disorders while the organism and psychosocial environment variables have no effect. The recommended method of repair is to move the patient from vehicle to bed, infusion control, and catheterization.

Keywords: musculoskeletal, rula, and smartpls