

## ABSTRACT

Anyelir, Natalinggit Pingkan. 2024. *The Relationship between Working Posture and Working Period with Complaints of Musculoskeletal Disorders (MSDs) among Nurses in the Emergency Room (ER) of Gambiran Hospital in Kediri*. Preceptor 1: Nafilatul Fitri, S.ST., M.KKK, Preceptor 2: Fresvian Jenrivo, S.KM., M.Kes. Email: [natalinggit\\_p17451204006@poltekkes-malang.ac.id](mailto:natalinggit_p17451204006@poltekkes-malang.ac.id)

**Background:** Many patient care activities are carried out for a long duration of time and can trigger nurses to not realize that every movement they make has the potential for incorrect or abnormal postures. Infusion installation and wound care activities that are not ergonomic, such as standing with your back bent and your neck statically bent for long periods of time, have the potential to cause complaints of Musculoskeletal Disorders (MSDs). The longer the working period, the higher the potential for experiencing Musculoskeletal Disorders (MSDs) complaints. **Purpose:** determine the description of Musculoskeletal Disorders (MSDs) complaints, the relationship between work posture and Musculoskeletal Disorders (MSDs) complaints, and the relationship between work experience and Musculoskeletal Disorders (MSDs) complaints. **Research Methods:** quantitative with a total sampling technique on 34 respondents using Spearman Rank Correlation analysis, with the Nordic Body Map (NBM) questionnaire instruments and the Rapid Entire Body Assessment (REBA) form. **Result:** based on the results of the analysis using the REBA form, it was found that the majority of nurses had a moderate level of work posture risk. The results of the analysis using the NBM questionnaire showed complaints on the right shoulder, back and waist. Based on observations, the majority of nurses have a long service life (> 6 years). Based on the statistical test output, the significance value of working posture with complaints of Musculoskeletal Disorders (MSDs) was  $0.033 < 0.05$  and the significance value of work period with complaints of Musculoskeletal Disorders (MSDs) was  $0.048 < 0.05$ . Work posture factors and years of work have a significant relationship with Musculoskeletal Disorders (MSDs) complaints. **Conclusion:** in every infusion and wound care activity with not ergonomic and static work postures for a long time triggers the occurrence of Musculoskeletal Disorders (MSDs) complaints.

**Key words:** work posture, work period, Musculoskeletal Disorders complaints.