

Ayuningtyas Sania, yang turut serta membantu dan mendukung saya dalam menyelesaikan skripsi ini

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ABSTRACT

Nurses are health workers who are at high risk of workplace hazards such as work accident and nosocomial infection. PPE is important as a protection to minimize the risk of harm and transmission of infection. This study aims to identify and analyze factors related to nurse behavior in using PPE.

This research method used was observational with a cross-sectional design study. The sample used in this research was determined by total number of population that is 29 nurses of pulmonary and surgical inpatient rooms. Data presented in the form of frequency distribution and cross tabulation with using the contingency coefficient test and Spearman correlation test.

Majority of nurses were in adult age, diploma education level, working period <5 years, had a phlegmatic personality, moderate level of knowledge and attitude, co-workers with good roles, attended training and stated that the availability of PPE was in the moderate category. The results showed that there was a strong correlation between knowledge ($\rho = 0.541$) with behavior of PPE usage, there were a moderate correlation between personality ($C = 0.483$) and attitude ($\rho = 0.352$) with behavior of PPE usage, while there were a weak correlation between age ($\rho = 0.160$), education ($\rho = 0.127$), work period ($\rho = -0.084$), availability of PPE ($\rho = -0.178$) and training ($C = 0.182$) with behavior of PPE usage, and even no correlation between the role of co-workers ($\rho = 0,000$) with behavior of PPE usage.

Conclusion of this research showed that knowledge, attitude and personality are the factors related to the behavior of nurses in using PPE. Suggestions that can be given are the development of SOP related to the use of closed footwear, maintaining knowledge and attitude with training, socialization, and evaluation related to the use of PPE, safety briefing, medical check up and personality analysis.

Keywords : Personal Protective Equipment, knowledge, co-worker, nurse, behavior