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Relationship between work-related musculoskeletal disorders among intensive care unit nurses

Statement of the Problem: Musculoskeletal disorders (MSDs) in the workplace have a great impact and considered as one of the growing problem in our modern societies and among nurses. Nurses have one of the highest rates of MSD than other occupations. Numbers of studies were done to find out prevalence of work related musculoskeletal disorders (WMSDs) among nurses across the world, this study will focus on the factors that influence work-related musculoskeletal disorders among ICU nurses. The purpose of this study is to find out the prevalence of ICU nurses who develop work-related musculoskeletal disorders and the risk factors that may affect developing such disorders.

Methodology & Theoretical Orientation: Cross-sectional descriptive design was used to conduct the study. Self-administrative questionnaire was used to collect data; the data were collected from the ICU nurses who are working in Palestinian hospitals. The tool was tested before collecting the data from he studied sample, Cronbach result showed 0.83, SPSS was used for analyzing data.

Findings: The study revealed that 63.9% of respondents had musculoskeletal disorders, 52.75% of them complain of constant pain, 44.4% has pain in moderate, while 19.4% of them bending forward is the most activity that worsen the musculoskeletal pain among ICU nurses.

Conclusion & Significance: This study revealed that there is a positive significant relationship between works related factors and musculoskeletal disorders among nurses working at ICU and they have knowledge deficit regarding musculoskeletal disorders. Moreover, there is a significant positive relationship between works related and musculoskeletal disorders among nurses working at ICU and years of experience and qualification level.

Biography

Rasmieh N Anabtawi has received his Master's degree in Educational Administration and presently he is the Lecturer at Arab American University in Palestine (AAUJ) since 9 years and has almost 17 years of experience in ICU. He teaches many nursing courses include fundamental of nursing, adult health nursing, nursing management, and pathophysiology, in addition to supervising student graduation projects as bachelor's degree requirements.

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