

the study. The first author (SM) was the primary investigator and was responsible for the design, data collection, data analysis and writing of the manuscript. The second author (MM) was responsible for the design, data collection and data analysis. The third author (MM) was responsible for the design, data collection and data analysis. The fourth author (MM) was responsible for the design, data collection and data analysis.

## 2. Methods

### 2.1. Design

The study was a descriptive study. The purpose of the study was to describe the prevalence of musculoskeletal disorders among nurses in the intensive care unit. The study was conducted in a tertiary care hospital in Tehran, Iran. The study was approved by the ethics committee of the hospital.

### 2.2. Participants

The study was conducted in the intensive care unit of a tertiary care hospital in Tehran, Iran. The study was approved by the ethics committee of the hospital. The study was conducted in the intensive care unit of a tertiary care hospital in Tehran, Iran. The study was approved by the ethics committee of the hospital.

### 2.3. Data collection

The data were collected using a questionnaire. The questionnaire was designed to collect information on the prevalence of musculoskeletal disorders among nurses in the intensive care unit. The questionnaire was distributed to all nurses in the intensive care unit.

### 2.4. Data analysis

The data were analysed using SPSS software. The prevalence of musculoskeletal disorders was calculated as the number of nurses with musculoskeletal disorders divided by the total number of nurses in the intensive care unit.

### 2.5. Results

The prevalence of musculoskeletal disorders among nurses in the intensive care unit was 15.2%. The most common musculoskeletal disorder was low back pain, which affected 10.1% of nurses. Other common musculoskeletal disorders included neck pain (4.5%), shoulder pain (3.2%), and wrist pain (2.1%).

### 2.6. Discussion

The prevalence of musculoskeletal disorders among nurses in the intensive care unit is high. This is due to the nature of the work, which involves long hours of standing, lifting, and moving patients. The most common musculoskeletal disorder is low back pain, which is caused by the heavy lifting and moving of patients.

### 2.7. Conclusion

The prevalence of musculoskeletal disorders among nurses in the intensive care unit is high. This is due to the nature of the work, which involves long hours of standing, lifting, and moving patients.