

The Effect of a Metaverse-Based Simulation on Nursing Students' Knowledge and Skills: A Randomized Controlled Trial on Vital Signs Skills.

Statistical Analysis

In addition to descriptive analyses, the Kolmogorov-Smirnov test was applied to examine the distribution of the data. The results of the assessment indicated that the data followed a normal distribution. Accordingly, parametric tests were used in the analyses. Along with descriptive statistics (mean, percentage, etc.), an independent samples t-test was used to compare the mean scores of the knowledge exam and the OSCE exam. Furthermore, a p-value of <0.05 was considered statistically significant in all analyses. Data analysis was performed using the SPSS (Statistical Package for the Social Sciences) 30 statistical software package.

Ethical Principles of Research

Ethical approval for the study was obtained from the Ethics Committee of a state university (Approval No.: XXXXX). Through an informed consent form, students were informed about the study, their voluntary participation, the confidentiality of their names, and their right to withdraw from the study at any time.



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