Ventrogluteal site injections in the emergency department: a comprehensive educational program

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ABSTRACT

Purpose: This study aimed to evaluate the effectiveness of the training provided to emergency nurses regarding applying intramuscular injections into the ventrogluteal site.

Materials and methods: The research was quasi-experimental, performed with a single group and pre-test/post-test sequence. One hundred sixty-one nurses’ ventrogluteal site knowledge levels, frequency of using the ventrogluteal site, and the accurate ventrogluteal site detection rates on the model were evaluated three months after baseline and training.

Results: The nurses' mean knowledge scores after training was significantly higher than before training (t=12.323; p=0.001). While using the ventrogluteal site was 37.9%, and the rate of accurate detection of the site on the model was 8.3%, these rates were found to be 54.6% and 48.1%, respectively, after the training.

Conclusion: Although the training increased the knowledge level and accurate detection rates, it did not statistically affect the frequency of use of the site.

Keywords: Emergency nurse; intramuscular injection; in-service training; nursing education, ventrogluteal site

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