Abstract

Determination of the Level of Knowledge of Clinical Nurses about Oral Anti-Diabetics

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Abstract

Objectives: This study was carried out to determine the level of knowledge of clinical nurses regarding oral anti-diabetic medications.

Methodology: The survey was conducted in the internal medicine clinics working at a university hospital in Bursa city during the period between February and March 2013 as a descriptive and cross-sectional study and included 50 nurses. Data were evaluated and statistical procedures were performed using SPSS; specifically, the number and percent distribution were determined using the Mann-Whitney U test and Kruskal-Walls test.

Results: The sampling power was 92%.The average score on the set of questions to determine the level of knowledge of the nurses was 52 ± 8.7. When the factors were evaluated according to the values assigned to the age of the nurses ($p=0.006$), work times ($p=0.002$), educational status ($p=0.017$), and availability of diabetes education ($p=0.005$), the differences were statistically significant.

Conclusion: The findings suggest supporting the nurses with clinical training on oral anti-diabetic medications.

Key Words: Type 2 DM, oral anti–diabetic medication, clinical nursing, level of knowledge