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**ABSTRACT**

**Karagözlü, F. Knowledge of Nursing Students About The Calculations of Drug Dose, Near East University, Institute of Health Sciences Nursing Programme, Master Thesis, Nicosia, 2012.**

Because one of the primary goals of nurses are preparing drugs, it is important to prevent the dose mistakes in the process of preparing and applying secure drugs. For secure drug applications the calculations of them are essential. This descriptive study conducted on the information related to the calculations of nursing students’ ideas on drug dose on 4-6 June 2012 in the Department of Near East University, Faculty of Health Sciences Nursing.

The universe of the research is composed of 508 students who have been educated in Near East University Health Sciences Faculty Nursing Department, from first to fourth years in 2011-2012 academic year. It is planned to reach all the students but because there were students who did not participate the study, only 462 students formed the research. Data were collected by the researcher who prepared a questionnaire based on the literature. The data obtained from the research were evaluated in computer. In the statistical analysis of the data, number, percentage and chi-square were used.

According to the findings obtained from the research, nursing students were not especially successful at preparing and calculating the dose of the drugs. The percentage of students who answered the problem of the calculations of drug dose without any mistakes was only % 1.3. Dose calculation errors %80.4 of the students who have problems with much medication in clinical practice that a small number of dose calculation and and college/ high school they graduated (%88.6) from Anatolian seen. So that, dose problems of NEU students entering the university entrance examination the maximum error rate %78.8 and dose problems (%2.5), at least the error of those who were third year students. Suggestions were made based on the findings of the study.

**Key words:** Nursing, nursing students, drug applications, calculations of the drugs.