ABSTRACT

PRECRIPTION INDIVIDUAL APPLICATION MODEL AND DOSE DISPENSING UNIT MODEL OF ACCURACY GIVING MEDICINE
IN RSU Dr. SOEDONO MADIUN
Quasy Experiment

By : Harini Dillia Trisyanti

The accuracy of drug delivery should be sought through the management of drug distribution system. Management of drug distribution system with a system unit Dose Dispensing (UDD) is an important part of patient care programs in effort to improve the quality of service. The drug delivery system in RSU Dr. Soedono Madiun used Prescription Individual system, where the system is still there is lack both precision injection drug delivery and oral. The purpose of this research is to determine individual differences in the application of the model prescription and dispensing of unit dose drug delivery accuracy in IRNA Wijaya Kusuma. RSU Dr. Soedono Madiun.

The research was an observational study with Quasy Experiment. This research was conducted on the entire population of all patients in IRNA Wijaya Kusuma RSU dr. Soedono Madiun. The number of population was 56 people and that was devided into 2 groups. Variables in study is application of individual prescription model and application of unit dose dispensing model. To see the differences between the studied variables used statistical analysis Mann Whitney U Test.

The results showed dose dispensing unit model was more effective than the prescription of individual models in the accuracy of the element providing prescription drug with effectiveness 0.008, drug availability with effectiveness 0.007, employment with effectiveness 0.038, drug preparation time with effectiveness 0.017 and costs with effectiveness 0.017.

Health providers and responsible care for the accuracy of drug delivery was expected to set a SOP (Standard Operating Procedure) unit dose dispensing in effort to provide good service in the accuracy of drug delivery.

Keywords: accuracy drug delivery, drug distribution systems, application of the l individual prescription model and unit dose dispensing model.