

Abstract

Background and objectives:In order to improve the process of treatment and preventing adverse consequences. Dentists should be informed about prescribing errors such as type of medicine, dose, medicine interactions, etc. The aim of this study was assessment of drug indices and prescribing error rates in insurance prescriptions of Ardabil city dentists.

Materials and Methods:In this descriptive study insurance number of 1000 prescriptions which were written by dentists in Ardabil city during 1 year were selected randomly and evaluated as retrospective study considering errors of medicine type, name of medicine, dose, intervals, way of prescribing, number of medicines in each prescription, medicine interactions and legibility of prescriptions and then with data collected from SPSS and analyzed using descriptive statistics and analysis.

Results:71% of studied prescriptions had errors. Type of medicine, name of medicine, way of prescribing, time between doses and doses had been written wrong in 42%, 15%, 12%, 2%, 29% of prescriptions, respectively. 0% of prescriptions had medicine interactions among prescribed medicines.

Conclusion:Regarding high percentage of errors among studied prescriptions, it is suggested to emphasis more on principles of prescription at university and retraining courses for dentists. It is possible to encourage them by reducing some money given for each wrong prescription.

Key words:Prescribing errors, prescription drugs, medication errors.