Abstract

Patients with systemic diseases and the use of various drugs refer to dentists, which requires dentists to be familiar with drugs and to know the misuse of drugs. On the other hand, according to studies, dentists' knowledge in this field is low. In e-learning methods, the use of applications has a great impact on better and faster training. This application was designed for dentistry students and dentists to get acquainted with the types of drugs, especially drugs used in dentistry, to help them find the drug they want and learn how to prescribe it. The required information was extracted and classified from Katzung-Terror and Phallus books and the principles of Peterson's oral and maxillofacial surgery and presented to the programmer in the form of training algorithms. Then, by using the application and evaluating the effect of using it in improving the information of dentists and by performing the final evaluation and fixing the problems in the virtual platforms, it was made available to dentists. This software in the form of a mobile application will include the following: 1. Information about dental pharmacology in the form of educational curriculum of the pharmacology unit 2. The second part, which includes evaluation and testing of the contents provided that dentists can refer to this part of Apps assess their level of awareness. This application enables dentists and dentistry students to select the appropriate drug and its prescription with easy and quick access if needed by the patient, and can increase the scientific knowledge of dentists

.Keywords: Pharmacology Application, Dentistry, Design