

Investigating the relationship between oral and dental health and health-related quality of life: a study based on the Persian cohort of Ardabil

Abstract

Introduction: Oral and dental health is multifaceted and includes the ability to speak, smile, smell, taste, touch, chew, swallow and convey a wide range of emotions through facial expressions confidently and without pain, discomfort and craniofacial disease. Is. Establishing oral and dental health should begin in early childhood in order to continue healthy growth and development throughout life. Improper oral hygiene is also a risk factor for oral diseases. Dental diseases are not an inevitable part of life and research has shown that many cases can be prevented by changing behavior.

Materials and methods: After reviewing the texts and writing the proposal, the required data were collected from the studies

national programs of England, America, WHO and dental reference books by Fallas and Macdonald Barkat were used to collect educational materials in the form of mobile applications. Then, this information was presented to the programming engineer in the form of an educational algorithm to design the application, and the alpha version of the application was prepared. In the continuation of the work, with the cooperation of respected expert professors, the defects of the application were evaluated and fixed, and finally the final version was prepared.

Findings: With the expansion of information technology and the penetration of remote mass communication tools into the depth of society, the tools and methods of education have also undergone transformation, so that with the advancement of technology, the use of newer tools for knowledge transfer has been proposed. It is recommended to change the approach of education from traditional methods to the process of education in order to use electronic facilities and resources and virtual education. Things like reducing education costs, education from anywhere and anytime with computer and internet access, covering a large number of people, reproducibility of learning and sharing a good amount of information are the advantages of virtual education. Also, electronic learning, having features such as increasing the quality of learning, the possibility of presenting content in a multimedia environment, and making the content more attractive, and other advantages, is being replaced by traditional education methods.

Conclusion: This application helps the general public to increase their awareness in the field of oral and dental health in different target groups. Support for software products and paragraph 13: Support for equipment and essentials and educational aid products in the field of dentistry) This plan is among the technology priorities of the mentioned ministry. This application is designed with the aim of familiarizing different groups of people with the methods of improving oral and dental health.

Keywords: mobile application, oral hygiene, dentistry, virtual education