

عنوان مقاله:

Introduction and Use of an Education-notification Application for Patients Undergoing Heart Valve Replacement

محل انتشار:

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خلاصه مقاله:

Proper education and notification of patients undergoing heart valve replacement is of paramount importance. The past decade has witnessed a growing interest in the use of modern, advanced technologies in medicine and patient education. This study aimed to introduce an education-notification application for patients undergoing heart valve replacement. Research was carried out in two phases of software design and performance evaluation. The first phase consisted of two stages: development of educational materials and notifications befitting to the application and algorithm design. The second phase of the study involved the assessment of the viewpoints of 30 patients undergoing heart valve replacement using a researcher-made questionnaire. Validity and reliability of the questionnaire were confirmed using descriptive statistics and Mann-Whitney U test. According to the results, the designed education-notification software was described as good or very good by 81.3% (n=24) of the participants.

کلمات کلیدی:

Design, Assessment, Education-notification software, Patients undergoing heart valve replacement

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