

## عنوان مقاله:

?Can We Create A Reliable and Valid Short Form of Champion Health Belief Model Questionnaire

## محل انتشار:

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## نویسندگان:

Mohammad Saadat - Imam Khomeini Hospital Complex, Tehran University of Medical Sciences, Tehran, Iran

Reza Ghalehtaki - Department of Radiation Oncology, Cancer Institute, Tehran University of Medical Sciences, Tehran, Iran

Dorsay Sadeghian - Department of Pathology, Cancer Institute, Tehran University of Medical Science, Tehran, Iran

Saeed Mohammadtaheri - Shahid Beheshti University of Medical Science, Tehran, Iran

Alipasha Meysamie - Department of Community Medicine, Tehran University of Medical Sciences, Tehran, Iran

## خلاصه مقاله:

**Background:** We aimed to create a shortened form of the Champion HealthBelief Model instrument which is a widely used questionnaire about breast cancerscreening behaviors with acceptable validity and reliability.**Methods:** The Persian version of the Champion Health Belief Model (CHBM)instrument consists of 57 items in 8 concepts. The subjects of the study were 40 female faculty members and 34 nurses of Tehran University of Medical Sciences in 2014. Based on the results, the most influential questions in each concept were chosenand then analyzed for internal consistency and the mean scores of the concepts werecompared to the original questionnaire. Next, the original form was delivered to adifferent population. The mean scores of each concept were compared betweenoriginal and short forms. At last, the same second population was asked to fill in theshortened form in a two-week interval and a test re-test comparison was done.**Results:** In the first step, out of 57 items in the original questionnaire, 28 itemswere selected based on their influence on the mean score of each concept. In 40 female faculty members who were all above 40, all of the Cronbach's alphas for allsubscales were above 0.6 (ranging from 0.624 to 0.830) in the shortened formquestionnaire; although they were lower than the original form. There were nosignificant differences between short and original questionnaires in terms of meansubscale scores. In the second step, in the second population including 34 femalenurses aged over forty years in a university medical center, there was again nosignificant statistical difference between the 28-item and 57-item instruments. Inthe third step, two weeks later, the completed shortened questionnaire among 20 subjects of the same population of the nurses showed similar results, indicating thereliability of the newly design shortened form of the questionnaire.**Conclusions:** The shortened 28-item form of the CHBM instrument seems tobe both valid and reliable, and less time-consuming. Its results can be comparableto other studies that used the standard form

## کلمات کلیدی:

Breast cancer, health belief, reliability, validity

