

AN INVESTIGATION INTO THE EFFECT OF MULTIMEDIA TRAINING ON THE KNOWLEDGE AND SELF-EFFICACY OF CHILDREN WITH ASTHMA

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Introduction: Asthma is one of the most common chronic diseases among children is a global health issue and its rising trend has caused concern about the health system. Therefore, this study was conducted to investigate the effect of multimedia education on the knowledge and self-efficacy of children with asthma in Bushehr.

Method: semi-experimental study. The research community included all children under the age of 12 years with asthma. The samples were selected by available method of 50 people and then divided into two experimental and control groups by simple random method. The data collection tools included questionnaires of demographic data, knowledge and self-efficacy in children with asthma. Validity and reliability of the instruments were measured and then multimedia training was run for the experimental group. Data analysis was performed by SPSS 18 and Mann-Whitney U test.

Findings: The mean scores of knowledge and self-efficacy of the research samples in the experimental group increased after multimedia training, so there was a statistically significant difference between the two groups ($p < 0.001$).

Conclusion: Education of children with asthma through multimedia has led to increasing knowledge and self-efficacy. Therefore, considering the effectiveness of multimedia education in children training with asthma, it is recommended that this educational method are used for other chronic childhood diseases.

BIOGRAPHY

Morteza Alibakhshi-Kenari was born in February 1989 at Iran, Mazandaran, Babolsar. He received the BS degrees from the Sari University of Medical Sciences and Health Services at Iran, in February 2011, and he is now a Ph.D student at the martyr Beheshti University of Medical Sciences and Health Services, Tehran, Iran. He is currently working in the field of Evidence Base Nursing.

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