Title: Comparative investigation of educational methods lecture, group discussion, question & response and illustrative poster effect on the knowledge rate and behvarz,s operation in health and treatment net of Alborz Town, 2007

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Abstract: Introduction:
The preliminary health training is a part of health cares and the most important duty of every health employer specially behvarz. The correct education application has major role in increasing the education sessions output and could compare their output with equilibrating other factors on education sessions quality.

Methods:
This was interventional method. In the research, all behvarz of Alborz Town health center (24 persons) has been investigated and the education sessions has held by 4 education methods included lecture , group discussion , question & response and using from poster in approximate equally conditions to preview knowledgment of behvarz. To consider the operation, 8 persons from behvarz with 4 education methods for participants (housewives 20-30 years, high school and higher) and after 2 months, the rate of participant improvement by using observed check list has been evaluated. The study tool in education evaluating of behvarz and the participant include pretest & posttest questionnaire with 10 questions, education subjects according to the official resources and confirmed by health ministry and also education title of consumption patterns education of nutrition oil.

Findings:
In the research , the maximum rate of education methods effect on behvarz knowledge has been in group discussion (%30) and the minimum rate in lecture method (%5).There is a meaningful relationship between education method and its effect on knowledge and behvarz operation. (p<0.05) In question & response and poster education methods, the rate has been respectively %15 & %20. The rate of education methods effect on participant knowledge in correct consumption method of nutrition oil has been (%11) maximum in poster and (%6) minimum in lecture. There is a meaningful relationship between the education methods and knowledge of participant (p<0.05). Also in the education methods of group discussion and question & response the rate has been %10 & %8. The rate of education methods effect on participant operation improvement has been (%28.2) with poster and (%7.5) with question & response. There is a meaningful relationship between the education methods and participant operation improvement (p<0.05) and this is %28 for group discussion and %9 for lecture.

Conclusion:
The education methods of group discussion and poster have 2 - 5 times most effective than others if considering the principals. The most important cause is the totality presence in education sessions and the affair makes elevating operations of trainers (3 times).

Key Words: behvarz - education methods - lecture - group discussion - question & response - poster

Presentation: Poster