FGM (Female Genital Mutilation) in women, include all methods of partial or total withdrawal of foreign sector of genitalia without specific medical reasons. This practice not only in terms of women's health is not valuable, but also the multiple physical and psychological effects in the short and long term will create.

World Health Organization has estimated that about 100 to 140 million girls and women with side effects of FGM are living side.

Meanwhile, tradition and social pressures are important factors that lead to the acceptance of FGM by women. Due to the effects of FGM, this study has performed to determine the prevalence of FGM and its risk factors in women referred to health centers of Ravansar city (Kermanshah province) and to investigate the effect of educational interventions on change of women's attitudes based on "behavioral intention" model.

Method:
The first part of this study was performed based on sectional (descriptive-analytical) method. 348 women referred to 5 city health centers were studied. Structured questionnaire were used to determine prevalence and effective factors on performing FGM. Data analysis using descriptive statistics and Pearson correlation coefficient were performed.

The second part of this research is an experimental study which educational interventions on 50 women who practice FGM have been conducted and the results are pending.

Results:
FGM prevalence among women participating in this study was 55/7%. The mean age of women was 24 / 9 years and the prevalence of surgery was increased with age. All participants were undergoing FGM by local midwives. FGM prevalence shows relationship with mother’s educational level (p = 0 / 00), educational level of women referred (p = 0 / 00), religion (p = 0 / 00) and age (P = 0 / 00).

Conclusion:
Elimination of FGM requires participation of religious leaders and custodians of health and also increase people's awareness about the surgery and its complications. Foreign research has shown that in communities where they take their decision to ban FGM, this action will be dismantled quickly.

FGM, behavioral intention model, Female

Presentation: Oral