Title: continuation rate and reasons of discontinuation IUD Cu-T380A in Tabriz health centers

Background and Objectives: There are various variables such as the duration and the client consistency in using a special contraceptive method as well as some individual determinations, which play an important role in optimal using of different contraceptive method. IUD Cu-T380A is a safe and an effective method used by 12.5% urban women in East Azerbaijan. The continuation rate of IUD Cu-T380A as well as its discontinuation reasons were evaluated, in this study.

Material and methods: This study was a cohort study with a sample population (401 women), and sampling method is quota randomization. All these women were using IUD (Cu-T380A) method as a single contraceptive method. Data collection process was started from march 21st 1997 until March 20th 1999. Data gathering tool was questionnaire. Statical analysis methods were carried out through mean, standard deviations, chi-square, fishers exact test and kaplan-meier in SPSS software.

Results: Continuing of IUD Cu-T380A by women at the end of 1 month, 6 month, 1 year, 2 years, 3 years, 4 years, 5 years and 6 years was 98.3%, 89.3%, 79.3%, 68.3%, 58.3%, 49.6%, 43.9% and 36% respectively. The most common reasons for discontinuation were bleeding (44.2%) and expulsion(18.6%). overall 3 pregnancies were reported after insertion, that one of them was related to first year after it. There was a significant correlation between continuation and variables such as precedence of IUD insertion, the number of alive children and the ages of the women, training about probably of bleeding increasing with IUD after insertion (p< 0.05).

Conclusion and conclusion: The results of this study could help health authorities and care givers in terms of counselling of women desiring IUD insertion and them follow up then. This factor could result in more satisfaction use and improved continuation rate of IUD. In addition, it will be better that other kinds IUD (such as progestasert) was provided in health centers in order to decrease bleeding rate in.

Key words: continuation rate, discontinuation reasons, IUDCu-T380A