**Abstract:** Background: Infertile couples might experience psychological distress and suffer from impaired marital satisfaction. This study aimed to examine marital satisfaction in infertile men receiving infertile treatment.

Objective: To evaluate the hypothesis that infertility may result in a decrease in marital satisfaction. The burden of infertility is physical, psychological, emotional, and financial.

Material & Methods: This was a descriptive study in which 717 infertile men with different infertility causes participated in. Data gathered by Index of Marital Satisfaction Scale (IMS), which is a self-administered valid and reliable questionnaire and also with demographic questionnaire. Data were analyzed using one-way-ANOVA and Independent T-Test.

Results: Age range was 21-53 years and duration of infertility was 1-20 years. The mean score of marital satisfaction in employer and free-work infertile men was (85±15) but in worker and workless infertile men were (74±17), (77±18) respectively. The mean score of marital satisfaction was significantly different between two groups (p< 0.05).

This research indicates significant difference among two above groups. The mean of marital satisfaction in men with low income (lower than 3000000 rials) was (82±15) and those of moderate income (3000000-6000000 rials) and high income were (85±14). We found the significant difference between the means. The results determined significant relationship between marital satisfaction and job, income, emotional pressure, marriage duration.

Conclusion: paying attention to psychological needs of these patients and treating them properly are of great importance for their marital satisfaction and will improve quality of their lives.

Key words: infertility, marital satisfaction, effective factors

Presentation: Poster