

# **Comparison of quality of life, marital intimacy and infertility stress (infertility) in infertile women treated with IVF and fertility women**

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**Infertility in all cultures and around the world as a stressful experience and critical threat to the stability of the individual, marital, family and community is known. With the advancement of science and technology and innovation IVF has opened a window of hope for infertile couples, but they will bear more stress and longer treatment periods, has forced. This study aimed to compare quality of life, marital intimacy and tension (stress) caused by infertility in infertile women undergoing IVF and infertile women in Rasht. Methods: In this study, 275 women (145 women of fertile and 130 infertile women undergoing IVF treatment who referred to Mehr Institute of Infertility to randomly ed information based on demographic questions and Quality of Life Questionnaire World Health Organization (WHOQOL- BREF), marital intimacy (Questionnaire Asodeh and Timurid 2008) stress questionnaire infertility or infertility Newton (FPI) has been collected and analyzed. In this study, for testing the hypothesis test, Multivariate analysis of variance (MANOVA) was used and for research data, SPSS software version 18 was analyzed. Results: Manoa results showed that infertile women undergoing IVF and infertile women in two of the quality of life and stress (stress) infertility significant difference ( $p < 0.05$ ). In other words, the overall quality of life in fertile women than in infertile women treated with IVF is more favorable and infertile women undergoing IVF treatment with higher stress.. The marital intimacy in fertile women and infertile women undergoing IVF is not a significant difference. Conclusion: The results of this research, quality of life and stress of infertility in women infertile and fertile women are significantly different. Due to the adverse effects of stress in the treatment of infertile women, Strongly recommended to reduce the stress management program for infertile women as the requirements to be considered in the treatment of infertility. In other words, is**

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recommended, before, during and after the treatment of infertile women, certainly in terms of psychology and training measures need to be taken .Furthermore, to increase the quality of life and social relations on the psychological dimension of training and advice to improve the lives of couples undergoing IVF, is necessary.

**Keywords :** fertility, infertility, quality of life, marital intimacy, the stress of infertility

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