

عنوان مقاله:

The relationship of the psychological coping and adjustment strategies of infertile women with the success of assisted reproductive technology

محل انتشار:

مجله طب تولید مثل ایران، دوره 17، شماره 2 (سال: 1398)

تعداد صفحات اصل مقاله: 8

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خلاصه مقاله:

Background: The success of assisted reproductive techniques plays a very important role in the quality of life of infertile couples and decreases the negative behavior states of infertility. **Objective:** This study aimed at determining the relationship between psychological coping and adjustment strategies with the success of assisted reproductive technology (ART). **Materials and Methods:** This correlational study was conducted on 204 women visiting Milad Infertility Center in Mashhad during 2015-2016. The research instruments included Fertility Adjustment Scale and Infertility Coping Strategies Scale. The positive result of two pregnancy tests within 48 hours was considered as the success of ART. **Results:** The mean and standard deviation score of adjustment in the group achieved treatment success (34.3 ± 8.2) exceeded the group failed (33.6 ± 8.8), the difference was not statistically significant ($p = 0.381$). Also, there was no significant difference between groups in the median and interquartile range of total coping strategies 81 (13) vs. 79.5 (12.25), ($p = 0.369$). Based on the logistic regression model for one increased transferred embryo, the chance of getting pregnant is 1.3 times, and for each unit increase in FSH level, the chance of ART success decreases 18%. **Conclusion:** The results of this study showed that there is no relationship between psychological coping and adjustment strategies with ART success. However, the number of transferred fetus and tirday FSH are introduced as factors that are related to the success of ART.

کلمات کلیدی:

(Infertility, Psychological adjustment, Coping skills, ART)

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