The clinical types of sexual dysfunction, personality traits and psychological status in women with infertility

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Context: Infertility violates sexual health in a couple. Objective: To assess the clinical types of sexual dysfunction, personality traits and psychological status in infertile women.

Methods and Patients: A cross-sectional study of mental and sexual health was conducted in women with infertility. The data of 157 patients within the main treatment group of infertility were assessed according to the ICD-10. Patients completed the Symptom Checklist 90-R, the Munich Personality Test and the Female Sexual Functioning Index. The control group consisted of 53 healthy women.

Main Outcome Measure: p<0.05.

Results: There were revealed significant inverse correlation between association the pairs of domains the FSFI and SCL-90-R: Desire/ Obsessive-Compulsive, Interpersonal Sensitivity, Depression, Psychoticism; Arousal/Obsessive-Compulsive, Depression, Psychoticism; Orgasm/ Depression. There were revealed in the clinical group significant inverse correlation between associations of the pairs of domains the FSFI and the MPT Desire/Extraversion, Esoteric Tendencies; Arousal/ Frustration Tolerance,- Esoteric Tendencies; Lubrication/Esoteric Tendencies; Orgasm/Esoteric Tendencies, Satisfaction/ Esoteric Tendencies ; Pain/ Orientation towards Social Norms. There were also revealed significant direct correlation between associations of the pairs of domains Desire/Frustration Tolerance, Arousal/ Extraversion, Lubrication/ Frustration Tolerance, Satisfaction/Extraversion.

Conclusions: The study showed that sexual dysfunction in the form of reduced desire, arousal, orgasm disorders in patients with infertility were associated with symptoms of depression, obsessive-compulsive, interpersonal isolation, or sensitivity, as well as with personal characteristics as esoteric tendencies, introversion, reduced tolerance to frustration.

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