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Poster Presentations

P-21

Correlation between sexual knowledge and couple relationship among cardiovascular patients

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Background: Lack of good couple relationship can lead to reduced health, lifespan, satisfaction with marital life, and disruption of growth and excellence of couples.

Objective: The study aimed to evaluate correlation between sexual knowledge and couple relationship quality among cardiovascular patients.

Materials and Methods: This correlational study was conducted on 200 cardiovascular patients with myocardial infarction or patients undergoing coronary artery bypass grafting during the past two to five months. They referred to the Department of Rehabilitation of Shahid Beheshti Hospital of Kashan, Iran in 2017. Patients who met the inclusion criteria filled the individual characteristics questionnaire, couple quality Relationship scale and sexual

knowledge scale. Data analysis was performed in SPSS version 22 using *t* test, analysis of variance, as well as Pearson correlation coefficients. P-value less than 0.05 was considered statistically significant.

Results: In this study, the mean score of participants' age was 52.68 ± 6.88 and 62% of them were male. The score of sexual knowledge scale of the participants was 55.85 ± 11.61 of total score 100 and mean scores of quality relationship scale was 17.82 ± 8.66 of total score 33. According to the results, there was a significant and positive correlation between the score of sexual knowledge scale and the score of quality relationship scale ($r = 0.530$, $p < 0.001$).

Conclusion: Results showed that the sexual knowledge score and couple relationship score in participants was moderate, and promotion of the sexual knowledge in cardiovascular patients can improve their couple relationship.

Key words: Sexual knowledge, Couple relationship, Cardiovascular patients.

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