ID: 926

Congress: The First International & 4th National Congress on health Education & Promotion, 2011

Title: Fear and Anxiety of patients before Angiography in Shahid Madani hospital in Tabriz in 2010

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Abstract: Introduction: Angiography is the most common diagnostic procedure for assessing coronary artery disease (CAD), so evaluating of patients' response is very important. If fear and anxiety of patients are recognized truly, removing of them will be easier and patients will make more tranquility of mind. Therefore this study was conducted to find out the degree of fear and anxiety of patients with CAD in Shahid Madani hospital in 1389.

Materials and Methods: This research was a descriptive study. The samples of study were 70 patients with CAD, who were waiting for their first time angiography. They were selected by convenience sampling in medical and surgical heart wards of Shahid Madani hospital in Tabriz in 2010. A questionnaire was used for data collection and it was including questions about demographic data, Coronary Arteriography Fear Scale and Spiel Berger's Scale. Content method and cronbach coefficient Alpha were applied for validity and reliability of the questionnaire respectively. The data were analyzed by Spss software (version 14), descriptive and inferential statistics such as Mann-Whitney, Kruskal-Wallis and Spearman coefficient.

Results: Findings indicated that %67 of patients had obvious anxiety, %83.8 of them had hidden anxiety, and %76.6 of them had fear. A statistically significant correlation was found between fear and anxiety of patients (p<0.05). Also there were statistically significant correlation among some demographic characteristic and anxiety and fear of patients (p<0.05).

Conclusion: In general, the degree of anxiety and fear of patients were considerable, therefore the use of consultation and educational methods for patients before angiography are necessary.

Keywords: Fear, Anxiety, Angiography.

Presentation: Poster