



Determination of the relationship between surgical Fear Levels and Postoperative Pain Levels in Patients Undergoing Total Knee Prosthesis Surgery

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Abstract:

Objective: This study was conducted to determine the relationship between surgical fear levels and postoperative pain levels of patients undergoing total knee prosthesis surgery.

Material and Methods: This descriptive study was conducted with 74 patients who applied to a foundation hospital in Ankara for total knee prosthesis surgery between December 2018- May 2019, met the inclusion criteria and accepted to participate.

Results: In the study the total SFQ score of patients was 33.89 ± 24.04 , the short-term fears subscale score was 15.44 ± 14.38 , and the long-term fears subscale score was 18.44 ± 11.30 . Mean short-term fears subscale scores of the patients who had previous surgery and the mean total SFQ and subscale scores of the patients who found education insufficient were significantly higher ($p=0,027$). It was determined that there was a statistically significant difference between the education level of the patients, the type of anesthesia and the mean pain score (respectively $p=0,010$, $p=0,03$) and there was a positive correlation between the first mobilization time and the mean pain score ($r=0,331$, $p=0,004$).

Conclusion: It was determined that patients who had high levels of fear preoperatively experienced more postoperative pain.



It is recommended that the surgical fear levels, causes of the patients planned for surgical intervention should be determined and nursing interventions to reduce fear should be applied and patient education should be given in this direction.

Biography:

Zeynep Mete has completed her MSC at the age of 27 years from Institute of Health Sciences, Baskent University, Turkey. She is working as a clinical nurse in Baskent University.

Recent Publications:

1. Zeynep Mete, Archives of Public Health, 2020
2. Zeynep Mete, Health system responses to Covid-19, 2020
3. Zeynep Mete, The European Journal of Health Economics

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