

32nd EURO NURSING AND MEDICARE SUMMIT

October 26-28, 2017 | Paris, France

The effect of home care needs of patients with COPD on their anxiety levels

Funda Budak, Aysel Ozdemir and Abdurrezzak Gultekin
Inonu University, Turkey

Aim: This descriptive study was carried out to determine the effect of home care needs of patients with chronic obstructive pulmonary disease (COPD) on their anxiety levels.

Material & Method: The study was conducted in a university hospital between January 2016 and June 2016. The study population consisted of patients with COPD hospitalized in the Pulmonary Diseases Clinic of a university hospital. As a result of the power analysis performed, the sample size of the study was determined to be 160 patients, with a 0.95 test power, 0.08 degree of impact, and 0.05 error level for the study population. Patients were selected by simple random sampling method. An introductory information form, State-Trait Anxiety Inventory (STAI FORM TX-I) and Katz Index of Independence in Activities of Daily Living (Katz ADL) were used for data collection.

Results: Among the patients included in the research, 95% was over 50 years old, 64.4% was male, 90% was married, 88.1% had 3 children and over, 46.3% was at least primary school graduate, 56.9% had a good income level, 90% was living with his/her spouse or children at home, 66.3% had been diagnosed with COPD for 1-10 years, and 53.1% had another chronic disease. The mean state-trait anxiety level of the patients was found to be 46.01 ± 11.44 (min:23-max:74), and the mean total score of the Katz ADL index was found to be 15.28 ± 3.35 (min:6-max:18). A statistically significant positive correlation was found between Katz ADL total score and state-trait anxiety levels of patients with COPD ($p < 0.01$).

Conclusion: In the study, the patients were found to have moderate anxiety and to be independent in their activities of daily living. Independence in daily living activities of patients was found to affect their level of anxiety. It may be advisable for nurses to provide appropriate counseling to reduce the level of anxiety of patients.

Biography

Funda Budak has graduated from Elazig Health of High School in Firat University. She did Master's Degree and PhD at Ataturk University at Health Sciences Faculty. She has been working at the Faculty of Health Sciences of Inonu University for 5 years in the Department of Psychiatric Nursing.

funda.kavak@inonu.edu.tr

Notes: