



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم



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شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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جامعة عين شمس

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**Biopsychosocial Needs of Patients
With Chronic Obstructive
Pulmonary Disease
Thesis**

Submitted for Partial Fulfillment of
Master Degree in Nursing Sciences

Medical Surgical Nursing
(Critical Care Nursing)

By

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2021**

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Ebtsam Naim Gad

Biopsychosocial Needs of Patients With Chronic Obstructive Pulmonary Disease

Abstract

Background: Chronic obstructive pulmonary disease (COPD) is a disease defined as an airway passage obstruction that is not fully reversible. Bronchial obstruction is progressive and is associated with the abnormal inflammatory response of lungs to noxious particles or gases. **Aim of the study:** to assess biopsychosocial needs of patients with COPD. Through: assessing demographic data, medical data, and knowledge regarding COPD of patients with COPD, also, assess physical, social and psychological needs of them. **Study Design:** A descriptive-exploratory research design were be utilized. **Setting:** The study was conducted in intermediate pulmonary intensive care unit at Ain Shams University Hospital. **Subjects:** Purposive samples of 50 adult patients with COPD were being included in the study. **Data Collection Tools:** Patients' structured interview questionnaire & Biopsychosocial needs assessment tool for patients with COPD **Results:** This study revealed that 70% of studied patients had unsatisfactory level of total knowledge regarding COPD, regarding physical needs, 48% of studied patients partially dependent. Also, 32% of them completely dependent in daily living activity, regarding psychological needs, 40% of studied patients had moderate anxiety level. 46% of studied patients had moderate depression level. Regarding social needs, 40% of studied patients had moderate social dysfunction and 38% of them had severe social dysfunction. **Conclusion:** About half of them had partially independent level of ADL regarding total physical needs. Also, half of them had moderate depression level related to total psychological needs. In addition to more than one third of them had severed social dysfunction. **Recommendations** include rehabilitation program must held for patients with COPD to meet biopsychosocial needs and designing illustrated guidelines regarding home care management for patients with COPD

Keywords: Chronic obstructive pulmonary disease; Biopsychosocial needs

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List of Abbreviations

Abbreviations	Full term
ADL	Activity of Daily Living
COPD	Chronic Obstructive Pulmonary Disease
CT	Computerized Tomography
FEV-1	Forced Expiratory Volume
FVC	Forced Vital Capacity