







شبكة المعلومـــات الجامعية التوثيق الالكتروني والميكروفيا.



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Correlates of Functional Status Profile Among Cancer Patients On Chemotherapy

THESIS

Submitted in Partial fulfillment of the Requirements for the Master Degree in Nursing Sciences

(Medical Surgical Nursing)

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بسم الله الرحمن الرحيم

قالوا سبحانك لا علم لنا إلا ما علمتنا، إنك أنت العليم الحكيم

صدق الله العظيم

سورة البقرة ـ اية ٣٢

ACKNOWLEDGEMENTS

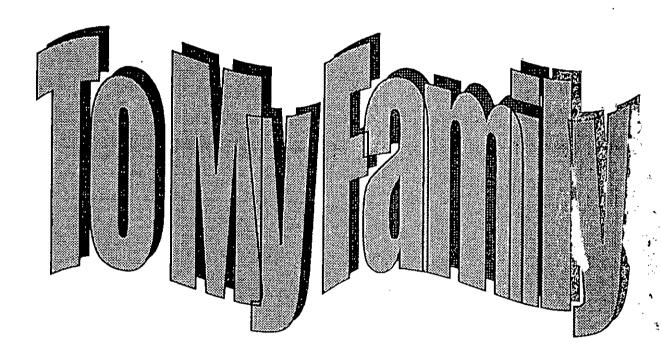
Praise be to *Allah*, the Merciful, the Compassionate for all the countless gifts I have been offered. One of these gifts is accomplishing this research work.

I wish to express my deepest gratitude and sincere appreciation toward *Prof. Sameh S. Shamaa*, Professor of General Medicine and Medical Oncology, Faculty of Medicine, Mansoura University, who devoted his precious time, effort and advice for the completion of this work.

I am so grateful to *Dr. Mofida El-Sawy Badr*, Assistant Professor of Medical Surgical Nursing, Faculty of Nursing, Cairo University, for her valuable suggestions and close supervision. She generously offered much of her valuable time to guide and answer my questions during the conduction of this thesis. Much appreciation to her for the continued guidance and sincere encouragement.

I thank *Dr. Ossania A. Mostafa*, Assistant Professor of Community Medicine, Beni-Suef Faculty of Medicine, Cairo University, for his expert efforts in the field of computer programs that formed the shape of this thesis.

Salwa A.M. El-Sayed



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ABSTRACT

The purpose of this study was to identify correlates of functional status profile among cancer patients on chemotherapy. A sample of convenience of 50 cancer patients (15 males and 35 females), were assigned for chemotherapy. Four tools were utilized to collect data related to this study: (a) Inventory of Functional Status Cancer adopted from Tulman et al. (1991) and adapted by the researcher, for comprehensive assessment were undergone to collect data before starting chemotherapy and it was repeated in the middle of treatment cycle and by its end and finally after three months of completion of chemotherapy; (b) Patient Assessment Monitoring Record (PAMR): designed to record patient's pulse, blood-pressure, body surface area etc. During the four times of measurements; and (c) Demographic data and Medical information sheet will be designed to elicit subjects, gender, age, marital status etc. The studied subjects reported the following problems at the middle and by the end of chemotherapy, (e.g., dry mouth, taste change, nausea, alopecia, poor appetite, vomiting, weakness, mouth sore and bone ache). The total functional status subjects' scores showed slight improvement over time, from start of chemotherapy to three months after. But statistical support was evidenced in the dimensions of personal care, household activities, and social activities and total functional status (p<0.05). Identified correlates of better scores were associated with increased hemoglobin amount, increased body surface area, and being male, nearly all better functional status dimensions scores (p<0.05), while associates of low functional status scores were almost being weakness, sadness, suffering from pain (p = 0.04) .The results concluded that cancer patients were experiencing low functional status on the start of chemotherapy and there was slight improvement during, by the end, and after three months of treatment. Replication of this study is highly recommended on a large representative probability sample to achieve generalizable results.

Key wards: Chemotherapy - Cancer patients' - Functional status profile

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Introduction

INTRODUCTION

Cancer was estimated to account for about 7 million deaths (12% of all deaths) worldwide in 2000 (WHO, 2001), only preceded by cardiovascular diseases (30 % of all deaths), and by infectious and parasitic diseases (19%). Cancer was also estimated to account for almost 6% of the entire global burden of disease in that same year. More than 70% of all cancer deaths occurred in low- and middle-income countries and, although the risk of developing/dying from it is still higher in the developed regions of the world, the control of communicable diseases as well as the ageing of the population in developing countries, point to an increasing burden of cancer worldwide. In fact, Pisani et al. (1999) have projected a 30% increase in the number of cancer deaths in developed countries, and more than twice this amount (71%), in developing countries, between 1990 and 2010, due to demographic changes alone.

Cliemotherapy plays an important role in the treatment of cancer. Whether utilized alone or in combination with surgery, radiation therapy, or biotherapy, it can achieve significant improvement in both the cure rate and the length of survival of persons with cancer (Krakoff, 1991).

Chemotherapeutic drugs are acting systematically by killing the highly proliferating cell. Cytotoxic drugs do not discriminate between normal and cancerous cells. Unfortunately, rapidly proliferating normal cells such as hair follicles, gastrointestinal lining, bone marrow, ovaries and testicles. This accounts for the common side effects of cytotoxic chemotherapy such as, hair loss, nausea, digestive impairment, immuno-supression, hematological