



شبكة المعلومات الجامعية  
التوثيق الإلكتروني والميكرو فيلم

# بسم الله الرحمن الرحيم



**HANAA ALY**



شبكة المعلومات الجامعية  
التوثيق الإلكتروني والميكروفيلم



# شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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التوثيق الإلكتروني والميكروفيلم

# جامعة عين شمس

## التوثيق الإلكتروني والميكروفيلم

### قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها  
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



### يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



**HANAA ALY**

# **Quality Of Life among Breast Cancer Patients during Adjuvant Chemotherapy**

***Thesis***

*Submitted for Partial Fulfillment of the Requirement of  
Master Degree in Psychiatric Mental Health Nursing*

***By***

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2021**

# **Quality Of Life among Breast Cancer Patients during Adjuvant Chemotherapy**

## ***Thesis***

*Submitted for Partial Fulfillment of the Requirement of  
Master Degree in Psychiatric Mental Health Nursing*

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## *Dedication*

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## List of Abbreviations

<i>Abbr.</i>	<i>Full-term</i>
<b>BC</b>	: Breast cancer
<b>CBT</b>	: Cognitive behavioural therapy
<b>COPE</b>	: Community Outreach and Patient Empowerment
<b>DALYs</b>	: disability-adjusted life years
<b>DNA</b>	: Deoxyribonucleic Acid
<b>ESMO</b>	: European Society for Medical Oncology
<b>FCR</b>	: fear of cancer recurrence
<b>FOCUS</b>	: First-year Opportunity for Comprehensive, Unified Study
<b>HS</b>	: Highly Significant
<b>MCQs</b>	: Multiple choice questions
<b>NS</b>	: Not significant
<b>PBE</b>	: Practice Based on Evidence
<b>PCC</b>	: Patient-centered communication
<b>QOL</b>	: Quality of Life
<b>QOL-CS</b>	: Quality of Life- cancer scale
<b>S</b>	: Significant
<b>SD</b>	: standard deviation

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*List of Abbreviations*

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**SPSS** : Statistical Package for Social Science

**WHO** : world health organization

**WHOQOL** : World Health Organization Quality of Life

**X** : Arithmetic mean

**X<sup>2</sup>** : Chi square test

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## Quality Of Life among Breast Cancer Patients during Adjuvant Chemotherapy

### Abstract

Breast cancer (BC) is the most frequently diagnosed cancer and the leading cause of cancer deaths among females worldwide, more attention has been paid to the rapidly increasing prevalence of psychiatric problems happening in breast cancer patients, it is very important to take early measures to treat these psychosocial problems for breast cancer patients thus improving their quality of life. **Aim:** This study aimed to assess quality of life among breast cancer patients during adjuvant chemotherapy. **Design:** A descriptive research design was utilized. **Setting:** This study was conducted at Damanhur Oncology Center in the outpatient chemotherapy clinic. **Study subjects:** A convenient sample including one hundred and ten women with BC. **Tools:** 1) Socio-demographic interviewing sheet. 2) Quality of Life Instrument (breast cancer patient version). **Results:** The current study indicated that there were positive statistically significant correlations between total psychological domains and total physical domains also total QOL and total spiritual domains. Additionally, there were highly positive statistically significant correlations between total social domains and total physical domains, also between total QOL and total physical, total psychological and total social domains. **Conclusion:** Most patients with breast cancer have low total quality of life. **Recommendation:** To initiate psychological, social and spiritual counseling in hospital for both patients and husband to help them achieving a better QoL.

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**Keywords:** quality of life, breast cancer and adjuvant chemotherapy

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# Introduction

In Egypt, cancer breast represents 18.9% of total cancer cases (32.04% in women and 2.2% in men) with an age-adjusted rate of 49.6 per 100 000 population. In its early treatable stage, cancer breast has a 97% probability of surviving 5 years. However, woman's likelihood of surviving 5 years decreases to 20% once it spreads to other body parts. Cancer incidence and mortality display strong geographic patterns worldwide and in Egypt. The environment where individuals live is increasingly recognized as important across the cancer control continuum, including the risk of cancer development, screening, diagnosis, treatment, and mortality (**Gewaifel, Bahnasy, Kharboush & Elsharkawy, 2019**).

Adjuvant chemotherapy might be given to try to kill any cancer cells that might have been left behind surgery or have spread but can't be seen, even on imaging tests. If these cells were allowed to grow, they could form new tumors in other places in the body. Adjuvant chemo can lower the risk of breast cancer coming back (**American Cancer Society, 2020**).