



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



شبكة المعلومات الجامعية
@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

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



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of
15-25- c and relative humidity 20-40%

بعض الوثائق الأصلية تالفة

بالرسالة صفحات لم ترد بالاصل

THE IMPACT OF A PSYCHOSOCIAL SUPPORT PROGRAM FOR MASTECTOMY WOMEN RECEIVING PARENTERAL CHEMOTHERAPY

Thesis

Submitted to the Faculty of Nursing
Suez Canal University

In Partial Fulfillment of the Requirements of the Degree of
Doctor of Science in Psychiatric Nursing

BY

Reda Taha Ahmed Abou-Elazab

B.Sc. Nursing, Ain Shams University
M.Sc.Ps. Nursing, Suez Canal University

Under Supervision of

Prof. Dr. Zeinab Loutfy
Chairman of Psychiatric Nursing
Department And Dean of
Faculty of Nursing
Ain Shams University

Prof. Dr. Hoda Wadie El-Gawly
Chairman of Pharmacology Department
Faculty of Medicine
Dean of Faculty of Nursing
Suez Canal University

Prof. Dr. Ahmed El-Zawawy
Professor of Radiation Oncology
and Nuclear Medicine
Faculty of Medicine
Suez Canal University

**Faculty of Nursing
Suez Canal University**

2000

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

رب اشرح لي صدري ويسر لي أمري

سورة البقرة (٢: ٢٥٥)



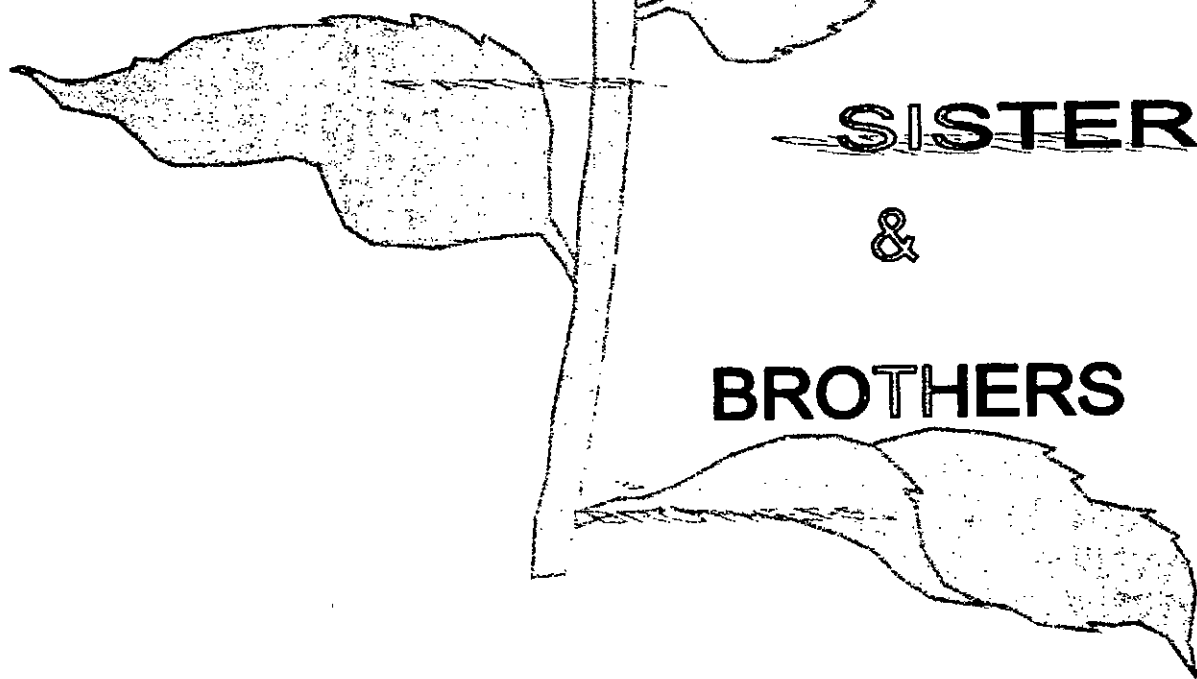
MOTHER

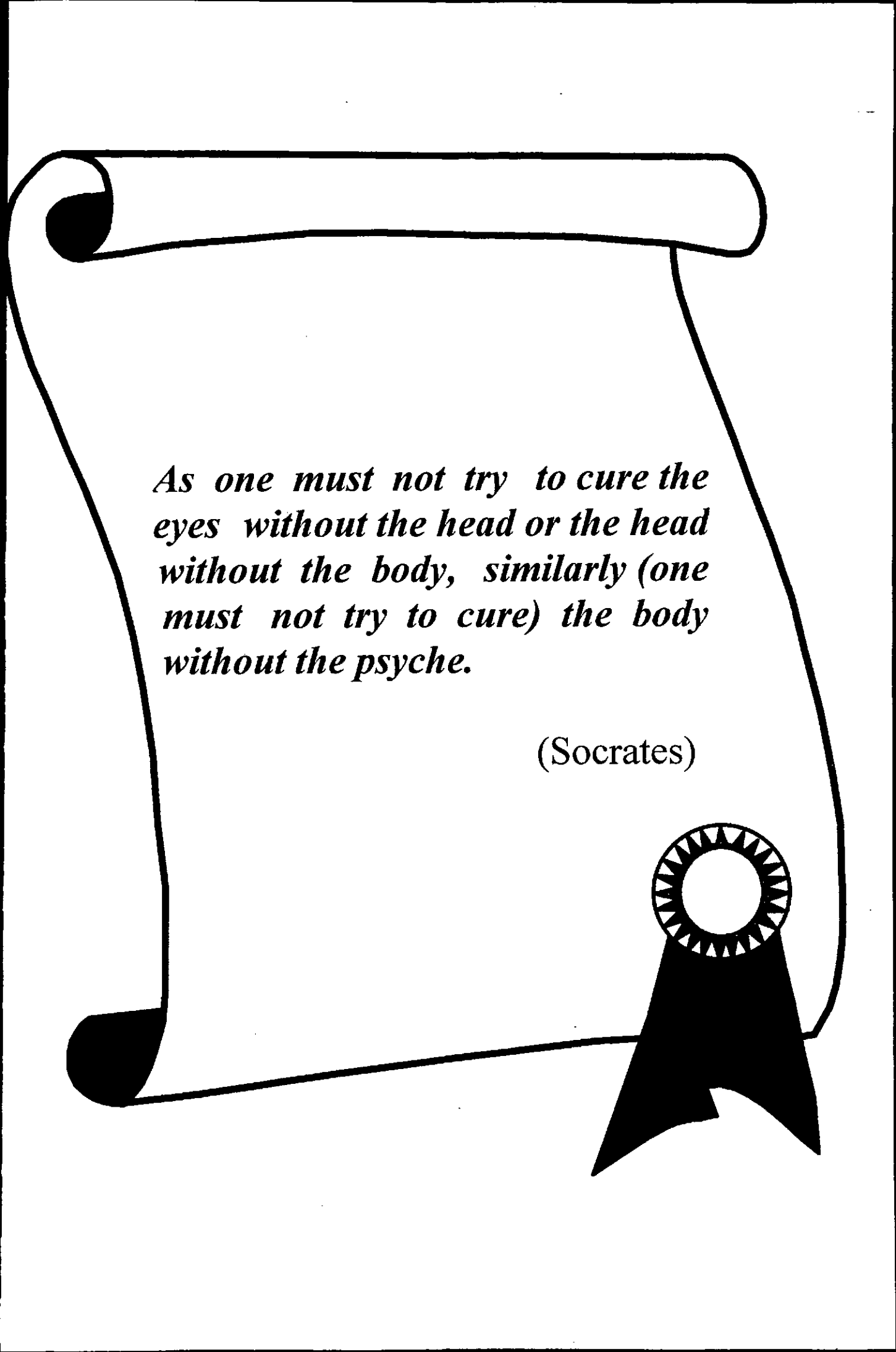
FATHER

SISTER

&

BROTHERS



A black and white illustration of a scroll. The scroll is unrolled, showing a large rectangular area in the center. The top and bottom edges of the scroll are rolled up. A ribbon is tied around the bottom of the scroll, forming a bow. The ribbon has a circular head with a sunburst or starburst pattern. The text is written in the center of the scroll.

*As one must not try to cure the
eyes without the head or the head
without the body, similarly (one
must not try to cure) the body
without the psyche.*

(Socrates)

ACKNOWLEDGMENT

*First and foremost, I feel always indebted to GOD the kind and merciful. I wish to express my deep gratitude and appreciation to **prof. Dr. Zeinab Loutfy** , Chairman of psychiatric Nursing Department and Dean of Faculty of Nursing, Ain shams University, for her valuable advice, constant efforts throughout this study and for giving me generously of her time in the accomplishment of this work.*

*I shall always feel grateful to **Dr. Hoda Wadie El-Gawly**, Chairman of Pharmacology Department, Faculty of Medicine, Dean of Faculty of Nursing, Suez Canal University, for her valuable ideas about this study and continuous guidance throughout the thesis.*

*My deepest appreciation and heartfelt thanks to Prof. **Dr. Ahmed El-Zawawy**, Professor of Radiation Oncology and Nuclear Medicine, Chairman of Oncology Department, Faculty of Medicine, Suez Canal University, for his constant efforts and time spent in teaching and guiding me through the research.*

I wish to express great thanks to all who contributed directly or indirectly by giving their time and cooperation towards the fulfillment of this work..

The Candidate

CONTENTS

Chapter		Page
I	INTRODUCTION-----	1
II	AIM OF THE STUDY-----	3
III	REVIEW OF LITERATURE-----	4
	<i>Chemotherapy</i> -----	5
	How chemotherapy works-----	6
	Drug combinations -----	7
	Groups of chemotherapy-----	8
	<i>Administration of chemotherapy</i> -----	10
	<i>Nursing care related to chemotherapy</i> -----	11
	<i>Physical problems of chemotherapy</i> -----	12
	Bone marrow depression -----	13
	Fatigue -----	14
	Nausea and vomiting -----	15
	Diarrhea-----	17
	Mucositis-----	17
	Stomatitis-----	18
	Xerostomia and taste alteration-----	19
	Alopecia-----	19
	<i>Psychosocial problems</i> -----	20
	Anxiety-----	21
	Theory of anxiety-----	22
	Depression-----	24
	Hopelessness-----	25
	Helplessness-----	25
	Self-concept /self-esteem-----	26
	Body image -----	26
	Sexuality -----	28
	<i>Social support</i> -----	29
	Theoretical foundation of social support-----	30
	Component of social support-----	31
	<i>Psychosocial support during chemotherapy</i> -----	33
	Nurse patient communication-----	33
	Informing the patient-----	35
	Teaching -----	35
IV	SUPJECT AND METHODS-----	38
V	RESLUT-----	48
VI	DISCUSSION-----	95
VII	CONCLUSION AND RECOMMENDATIONS-----	106
VIII	SUMMARY -----	108
IX	REFERENCES -----	112
X	APPENDIX	
XI	ARABIC SUMMARY	

LIST OF TABLES

Table		Page
1	Demographic characteristics of mastectomy women receiving parenteral chemotherapy.	49
2	Side effects of chemotherapy as reported by patients.	50
3	Patients feelings prior and after side effects of chemotherapy according to patients.	52
4	Marital relation following chemotherapy as reported by patients.	53
5	Social relation of patients with family member and neighbors while receiving parenteral chemotherapy as reported by patients.	55
6	Sibling, relatives, friends, and neighbors relation to the patient while receiving parenteral chemotherapy	55
7	Accompanying person to patient while receiving chemotherapy as reported by patients.	57
8	Daily activities and need for help during side-effects while receiving parenteral chemotherapy as reported by patients.	57
9	Main care providers, types of care needed and care provided during occurrence of side-effects while receiving parenteral chemotherapy.	59
10	Patient's feelings toward care provided during side effects, and feeling regarding alopecia as reported by patients	60
11	Psychosocial changes followed chemotherapy as reported by patients.	60
12	Side-effects of chemotherapy affecting anxiety before intervention.	62
13	Side- effects of chemotherapy affecting depression before intervention.	62
14	Husband relation affecting anxiety before intervention.	63
15	Husband relation affecting depression before intervention.	63
16	Social relation factors affecting anxiety before intervention.	64
17	Social relation factors affecting depression before intervention.	64
18	Daily activity factors affecting anxiety before intervention.	66
19	Daily activity factors affecting depression before intervention.	66
20	Care providing factors affecting anxiety before intervention.	67
21	Care providing factors affecting depression before intervention.	67

Table	Cont.	Page
22	Feeling toward alopecia affecting anxiety before intervention	68
23	Feeling toward alopecia affecting depression before intervention	68
24	Psychosocial problems affecting anxiety before intervention.	69
25	Psychosocial problems affecting depression before intervention.	69
26	Side-effects of chemotherapy before and after implementation of the program.	71
26a	Cont.	72
	Marital relation before and after implementation of the program.	74
28	Social relation of patients with family member and neighbor before and after implementation of the program.	75
29	Daily activities and need for help neighbor before and after implementation of the program.	77
30	Psychosocial changes before and after implementation of the program .	77
31	Anxiety level on experimental and control group using HAD scale before and after implementation of the program.	80
32	Depression level on experimental and control group using HAD scale before and after implementation of the program .	80
33	Knowledge of mastectomy women receiving parenteral chemotherapy before and after implementation of the program .	84
33a	Cont.	85
33b	Cont.	86
34	Knowledge and practice of mastectomy women receiving parenteral chemotherapy regarding control of side-effects before and after implementation of the program.	87
34a	Cont.,	88
34b	Cont.	89
34c	Cont.	90
34d	Cont.	91
35	Knowledge and practice of mastectomy women receiving parenteral chemotherapy regarding control of psychosocial problems before and after implementation of the program as reported by patients.	92
35a	Cont.	93
35b	Cont.	94

LIST OF FIGURES

<i>Figure</i>		<i>Page</i>
<i>1</i>	The cell cycle.	<i>6</i>
<i>2</i>	Side effects of chemotherapy before and after implementation of the program for experimental and control groups.	<i>73</i>
<i>3</i>	Daily activities and need for help before and after implementation of the program for experimental and control groups.	<i>78</i>
<i>4</i>	Psychosocial changes before and after implementation of the program for experimental and controls groups.	<i>79</i>
<i>5</i>	Anxiety level in experimental and control group using HAD scale before and after implementation of the program.	<i>81</i>
<i>6</i>	Depression level in experimental and control group using HAD scale before and after implementation of the program.	<i>82</i>

INTRODUCTION