

Contents

Subjects	Page
List of abbreviations.....	II
List of Figures	III
List of Tables.....	IV
• Introduction	1
• Aim of the work	3
• Review of Literature	
♦ Chapter (1): Magnitude of Breast Cancer.....	5
♦ Chapter (2): Prevention of Breast Cancer.....	17
♦ Chapter (3): Family Physician's Role in the Prevention, Diagnosis, and Management of Breast Cancer	39
• Participants and Methods	53
• Results	57
• Discussion	71
• Summary	82
• Conclusion	86
• Recommendations	87
• References	89
• Appendix	114
• Arabic Summary	

List of Abbreviations

Abbr.	
ACS	American Cancer Society
AFP	American Family Physicians
BCFE	Breast cancer fighting society in Egypt
BCRAT	Breast Cancer Risk Assessment Tool
BCS	Breast cancer screening
BSE	Breast Self Examination
CBE	Clinical Breast Examination
DMIST	Digital mammographic imaging screening trial
HT	Hormonal Therapy
LN s	Lymph nodes
MRI	Magnetic Resonant Imaging
N. C. C. N.	National Comprehensive Cancer Network
NCI	National Cancer Institute
NHS	National health services
PC	Personal computer
U.S.D.H.H. S	U.S. Department of Health and Human Services
UK	United kingdom
USA	United States of America
USPSTF	US Preventative Services Task Forces' Guide
WHI	Women's health initiatives
WHO	World health organization

List of Figures

<u>No.</u>	<u>Figure</u>	<u>Page</u>
<u>1</u>	Percentage of breast cancer among the Arab world females from all cancer.	8
<u>2</u>	Prevalence of Breast cancer in some cities in Egypt.	9
<u>3</u>	Percent of cancer cases according to NCI central cancer registry from 1-1-1999 to 31-6-2001.	10
<u>4</u>	Breast is divided into 4 quadrants - upper and lower outer quadrants and upper and lower inner quadrants.	26
<u>5</u>	Nipple compression to checking for discharge.	27
<u>6</u>	Lymph nodes palpation.	27
<u>7</u>	Detailed examination performed by physicians.	61
<u>8</u>	Performance of physicians regarding CBE.	63
<u>9</u>	Relationship between family history and examination.	68
<u>10</u>	Physicians opinion about barriers of breast cancer screening.	69

List of Tables

<u>No.</u>	<u>Table</u>	<u>Page</u>
<u>1</u>	Characteristics of the Family Center's Physicians Regarding Age, Gender, Duration since graduation, Specialty, Post graduate studies and Training courses.	57
<u>2</u>	Age and Education of the Studied Female patients.	58
<u>3</u>	Characteristics of patients examined as regard their risk for breast cancer.	58
<u>4</u>	Breast Examination as Performed by the Center's Physicians.	59
<u>5</u>	Breast Examination performed for female patients by the Center's Physicians.	60
<u>6</u>	Detailed Breast Examination performed by the center's Physicians.	60
<u>7</u>	Examination done by individual physicians.	62
<u>8</u>	Clinical findings detected in the sample of examined females partially and fully examined.	64
<u>9</u>	Percentage of patients fully examined by the center's physicians expressed as percentage from totally examined patients.	65
<u>10</u>	Rate of Full examination among examined females according to their risk for breast cancer.	66
<u>11</u>	Detailed Breast Examination performed by the center's doctors expressed as percentage from totally examined patients.	66

 List of Tables

<u>No.</u>	<u>Table</u>	<u>Page</u>
<u>12</u>	Characteristics of the examined females in relation to degree of examination.	67
<u>13</u>	Advice and Recommendations Given to Patients According to Clinical Findings.	70
<u>14</u>	Association between pattern of examination and Health Education for BSE.	70



Introduction





Aim of the Work





Review of Literature





Chapter (1)

Magnitude of Breast Cancer





Chapter (2)

Prevention of Breast Cancer





Chapter (3)

Family Physician's Role in the Prevention, Diagnosis, and Management of Breast Cancer





Participants and Methods





Results





Discussion





Summary

