



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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31

**The Factors that Influence Women to Refuse Attending Breast
Cancer Screening Program in River Nile State 2018**

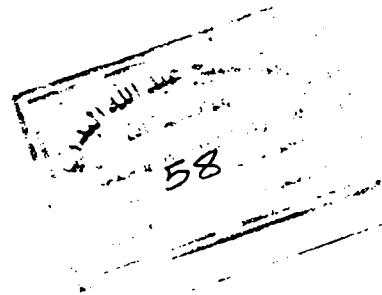
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الآية

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قال تعالى :

﴿قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ﴾

صدق الله العظيم

سورة البقرة الآية (32)

Dedication

To our mothers and fathers who spent all the life to help us.

To our sisters and brothers and friends.

To souls of all Sudanese who died by reduction health care.

To Acknowledgement

Abstract

Background: Breast cancer is most common cancer in women worldwide, with nearly 1.7 million new cases, it leading cause of death from cancer among women. **aim** to assess factors that make women to refuse attending breast cancer screening program. **Material and Method:** This descriptive cross-sectional study was done in River Nile State in Atbara town in period extended from April to July 2018 The study involve (125) women, the data was collected by using structure questionnaire included (20) questions, and analyzed by SPSS version 21. **Results:** The overall women refuse breast cancer screening program due to negative believes (32%) , financial factor(10.4%) , psychological factors(20%) , as such they have not good knowledge about breast cancer, method to diagnostic importance ,fear and anxiety from test and result and complication of breast cancer. **Conclusion and Recommendation** Found the women that not participation on the screening the most women about screening program ,tools , some have negative believe and psychological factor . most are fearful from resulting ,also no centers for screening program in most area, so that the study recommended to make continuous educational program about any information from breast cancer and screening program to improve their competency.

المستخلص

خلفية: سرطان الثدي من أكثر أنواع السرطانات انتشاراً ويؤدي إلى الوفاة. طريقة الدراسة: أجريت هذه الدراسة الوصفية بمدينة عطبرة في ولاية نهر النيل في الفترة من إبريل إلى أغسطس 2018م لمعرفة العوامل التي تجعل المرأة ترفض برنامج الفحص الطوعي لسرطان الثدي، اشتملت هذه الدراسة على 125 امرأة وتم جمع المعلومات بواسطة استبيان على 20 سؤال بالمقابلات الشخصية، وتم التحليل بواسطة حزم البيانات الإحصائية التحليلية. **النتائج:** تضمنت نتائج هذه الدراسة أن معظم النساء يرفضن برنامج الفحص الطوعي لسرطان الثدي لاعتقادات سلبية وأسباب مادية وعوامل نفسية وأخرى، كما أنه ليس لديهن المعرفة الكافية عن السرطان وطرق فحصه وأهميته والخوف من الفحص والنتيجة بالرغم من معرفتهن عن المرض والمضاعفات التي يؤديها وخطورته على المجتمع. **الخاتمة:** توصلت هذه الدراسة أن معظم النساء اللاتي يرفضن الفحص الطوعي لسرطان الثدي وعن الطرق التي يجب معرفتها لمنع تطور المرض واكتشافه مبكراً وقلة خطورته، لذلك أوصت الدراسة بإقامة برامج تثقيفية في الأماكن العامة، المستشفيات، المراكز، الجامعات والمجموعات التنويرية لزيادة المعرفة والأهمية لاكتشافه مبكراً ومنع تطور المرض وأيضاً إجراء بحوث لمعرفة أسباب لقلة المعرفة لدى النساء وتشجيعهم للقراءة والمتابعة والمطالعة وكل ما هو جديد ومبتكر للتغلب على الحواجز النفسية مثل المعتقدات حول الألم والخوف والإحراج وتواضع النساء من خلال حملات التوعية العامة ينبغي إيلاء اهتمام كبير أيضاً إلى انخفاض الوضع الاجتماعي للمرأة من شرح مقدمي الرعاية الصحية عن أهميته كمرض شائع ووجود برامج فحص سرطان الثدي في نهج صغير النطاق، فضلاً عن الفوائد التي يمكن أن تقدمها المشاركة في هذه البرامج. تهدف المبادرة غلى تعزيز الحالة الصحية بين النساء وهي جزء من مسعى تنمية المجتمع.

List of Content

No	Content	Page No
	الإهداء	I
	Dedication	II
	Acknowledgement	III
	Abstract (English)	IV
	Abstract (Arabic)	V
	List of Content	VI
	List of Tables	VII
	List of Abbreviations	VIII
Chapter One		
Introduction		
	Introduction	1
	Research Problem	2
	Justification	2
	Objectives	2
	General Objective	2
	Specific Objectives	2
Chapter Two		
Literature Review		
	Literature Review	3
Chapter Three		
Methodology		
	Methodology	25
Chapter Four		
Results		
	Results and Discussion	27
Chapter Five		
Conclusion & Recommendation		
	Conclusion	39
	Recommendation	39
Chapter Six		
References & Appendix		
	References	40
	Appendix	

List of Tables

Table No	Subject	Page No
1.	Distribution of study group according to age group	27
2.	Distribution of study group according to occupation	27
3.	Distribution of study group according to educational level	27
4.	Distribution of study group according to mother weight	28
5.	Distribution of study group according to marital status	28
6.	Distribution of study group according to economic status	28
7.	Percentage of female who had knowledge about screening program among study group	29
8.	Percentage of female who think screening program is important among study group	29
9.	Percentage of female who had knowledge about importance of breast self-examination for early detection of breast cancer	29
10.	Percentage of female who had knowledge about how to do breast self-examination among study group	30
11.	Percentage of female who had knowledge about other tools of screening program among study group	30
12.	Distribution of study group according to tool of screening program	30
13.	Percentage of female who have done mammography among study group	31
14.	Distribution of study group according to reasons of not doing mammographic	31
15.	Percentage of female who had problem of transportation to making screening program among study group	31
16.	Percentage of female who had problem of transportation to making screening program among study group	32
17.	Percentage of female who were fearful for making screening program among study group	32
18.	Percentage of female who were anxiety about screening test and result among study group	32
19.	Percentage of female who were shyness about screening test among study group	33
20.	Percentage of female who were shameless to make screening test among study group	33

List of Abbreviations

US	United State
DES	Diethylstilbestrol Exposures
MRI	Magnetic Resonance Imaging
HER ₂	Human Growth Factors Receptors
PEM	Positron Emission Mammography
FFDM	Full Field Digital Mammography
FDM	First Digital Mammography
DBC	Digital Breast Cancer
CBE	Clinical Breast Examination
NFS	Nephrogenic Fibrosis Systemic
DPG	Dia phonography
CT	Computed Tomography

Chapter One

(1-1) Introduction:

The breast cancer is the most common cancer in women worldwide ,with nearly 1.7 million new cases diagnosed in 2012 (second most common cancer overall). This represents about 12% of all new cancer cases and 25% of all cancer in women .it is the fifth most common cause of death from cancer in women .breast cancer risk doubles each decade until menopause , after which the increase slows. However, breast cancer is more common after menopause. Survival rates for breast cancer vary worldwide , but in general rates have improved. this is because breast cancer is diagnosed at an earlier and localized stage in nations where populations have access to medical care, and progressive improvement in treatment strategies .(1)

in many countries with advanced medical care, the five-year survival rate of early stage breast cancers is 80—90 percent falling to 24 percent for breast cancers diagnosed at a more advanced stage, most breast cancer subtypes are hormone –related .the natural history of the disease differs between those diagnosis before and after the menopause, which may be due to different kinds of tumour and possibly different effects of nutritional factors on hormones depending on menopausal status , Delay in diagnosis of breast cancer can occur at several points of the diagnosis pathway .we examined characteristics of women with breast cancers who before diagnosis actively refused recommended follow –up of tests or symptoms suggestive of breast cancer 50 years or older diagnosis with late –stage (metastatic disease or tumors more than 3cm) and a matched sample of women with early –stage (tumors less than 3cm) breast cancer from 1995 to 1999 . using medical record ,we investigated clinical characteristics ,use of health care ,and documentation of care refuse during the 3years before diagnosis. We used logistic regression models to compare refuses to non refusers, clinical factors associated with refuse included low use of mammography ,high use of clinical breast exam ,and missed appointments . (2)

