

الآية

قال تعالى: الرَّحْمَنُ (1) عَلَّمَ الْقُرْآنَ (2) خَلَقَ الْإِنْسَانَ (3) عَلَّمَهُ الْبَيَانَ (4) الشَّمْسُ
وَالْقَمَرُ بِحُسْبَانٍ (5) وَالنَّجْمُ وَالشَّجَرُ يَسْجُدَانِ (6) وَالسَّمَاءَ رَفَعَهَا وَوَضَعَ الْمِيزَانَ (7) أَلَّا تَطْغَوْا
فِي الْمِيزَانِ (8) وَأَقِيمُوا الْوَزْنَ بِالْقِسْطِ وَلَا تُخْسِرُوا الْمِيزَانَ (9) وَالْأَرْضَ وَضَعَهَا لِلْأَنْعَامِ (10)
فِيهَا فَاكِهَةٌ وَالنَّخْلُ ذَاتُ الْأَكْمَامِ (11) وَالْحَبُّ ذُو الْعَصْفِ وَالرَّيْحَانُ (12) فَبِأَيِّ آلَاءِ رَبِّكُمَا
تُكذِّبَانِ (13)

صدق الله العظيم

سورة الرحمن آية (1-13)

Dedication

To my family for their encouragement specially my father, mother, lovely husband my kids and all of my brothers & sisters. I appreciate their patients and their supporting my efforts throughout the research writing and rewriting.

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Abstract

Descriptive study of Assessment of Solid Breast masses using ultrasound compared with biopsy result conducted in Khartoum state –Sudan in ultrasound department of different hospitals from April 2017 to June 2017.

The problem of the study was breast cancer can be misdiagnosed with other breast masses and therefore most of clinicians prefer invasive interventional confirmation and this increase the risk of biopsies complication as well as cost and time. the study aimed to evaluate role of ultrasound in assessment of solid breast masses compared to biopsy results, The study was collected from 50 patients classified and analyzed using SPSS (statistical package for the social science)

The study found that the mean age affected by breast cancer was in the age group (46-60 years), The study conducted that the dominant sonographic features of breast cancer were; hypoechoic, with calcification, vascularity, heterogenous, ill defined, spiculated with accuracy of 98% with the histopathology results.

The study recommended that the sonographic evaluation of a simple breast cancer with the typical sonographic features should eliminate the need for further invasive procedures including biopsy.

مستخلص البحث

هذه دراسة وصفية تمت في عدد 50 سيدة في الفترة من أبريل 2017 إلى يونيو 2017 في ولاية

الخرطوم , جميع السيدات خضعن للفحص بالموجات فوق الصوتية وتم اخذ عينة تداخلية من الورم.

هدفت الدراسة إلى توصيف أورام الثدي الخبيثة باستخدام الموجات فوق الصوتية تم جمع البيانات من عدد

من المستشفيات وتم تحليلها وتصنيفها باستخدام برنامج الحزمة الإحصائية للعلوم الإجتماعية. وجدت الدراسة أن الفئة

العمرية (46-60 عاما) هي الأكثر تعرضا للإصابة بالمرض وخلصت الدراسة ان ما يميز شكل الورم في صورة

الموجات فوق الصوتية انه منخفض الصدى, متكلس, به تغذية دموية, غير متجانس المحتوى, ذو حدود غير واضحة

وغير منتظمة, مفصلي الشكل, بدقة تطابق 98% مع نتائج فحص الأنسجة للعينة التداخلية.

أوصت الدراسة أن يتم اخذ المظهر النموذجي للورم الخبيث في التشخيص بالموجات فوق الصوتية للتقليل

من اجراء العينة التداخلية.

List Of Contents

DEDICATION	II
ACKNOWLEDGMENT.....	III
Abstract.....	IV
Abstract Arabic	VError! Bookmark not defined.
List of Content	VI
list of Tables	VIII
List of Figures	IX
Chapter One: Introduction	Error! Bookmark not defined.
1. Introduction:	1Error! Bookmark not defined.
1.1. Role of Breast ultrasound:	1Error! Bookmark not defined.
1.2. History of Breast ultrasound:.....	2Error! Bookmark not defined.
1.3. The importance of the study:	5Error! Bookmark not defined.
1.4. Objectives:	6Error! Bookmark not defined.
Chapter Two: Literature review	Error! Bookmark not defined.7
2. Literature review:	8Error! Bookmark not defined.
2.1. Anatomy of the Breast:	10Error! Bookmark not defined.
2.2. Sonographic anatomy of the Breast:....	16Error! Bookmark not defined.
2.3. Diagnostic ultrasound of the breast:	20Error! Bookmark not defined.
2.4. Histopathology:	25Error! Bookmark not defined.
2.5. Common breast pathology:.....	25Error! Bookmark not defined.
2.6. Previous studies:	40Error! Bookmark not defined.
Chapter Three: Material And Methods	Error! Bookmark not defined.
3. Materials and Methods:	42Error! Bookmark not defined.
3.1. Materials:	42Error! Bookmark not defined.
3.2. Subjects:.....	42Error! Bookmark not defined.
3.3. Machine used:.....	42Error! Bookmark not defined.
3.4. Method:.....	42Error! Bookmark not defined.
Chapter Four: Results	Error! Bookmark not defined.
4. Results:	33Error! Bookmark not defined.

Chapter five: Discussion, Conclusion & Recommendation	
5. Discussion, Conclusion & Recommendation	
5.1. Discussion.....	5Error! Bookmark not defined.
5.2. Conculsion:.....	57
5.3. Recommendation:.....	58
5.4 References:.....	59
5.5 Appendix.....	60

List of Tables

2-1 : Echogenicity of the various breast tissues from anterior to posterior 18**Error!**

Bookmark not defined.

4.1 : Shows Frequency distribution of age group33**Error! Bookmark not defined.**

4.2 : Frequency distribution of mass site**Error! Bookmark not defined.**

Echogenicity34**Error! Bookmark not defined.**

4.3 : Shows Frequency distribution of mass echogenicity35**Error! Bookmark not defined.**

4.4 : Presence of calcification36**Error! Bookmark not defined.**

4.5 : Shows frequency distribution of vascularity ...37**Error! Bookmark not defined.**

4.6 : Frequency distribution of echotexture of the mass38**Error! Bookmark not defined.**

4.7 : Frequency distribution of outline of the mass .39**Error! Bookmark not defined.**

4.8 : Frequency distribution of shape of the mass ...40**Error! Bookmark not defined.**

4.9 : Frequency distribution of ultrasound final diagnosed41**Error! Bookmark not**

defined.

4.10 : Frequency distribution of results of histopathology42**Error! Bookmark not defined.**

4.11 : Cross tabulation age group and results of histopathology43**Error! Bookmark not**

defined.

List of Figures

- 2-1 : Base and apex of breast. 7**Error! Bookmark not defined.**
- 2-2 : Clock time and quadrants. 8**Error! Bookmark not defined.**
- 2-3 : A The skin. The cutaway exhibits the thinning of the skin9**Error! Bookmark not defined.**
- 2-4 : External appearance and landmarks. 10**Error! Bookmark not defined.**
- 2-5 : The margins of the breast. 11**Error! Bookmark not defined.**
- 2-6 : Normal anatomy of the breast. 11**Error! Bookmark not defined.**
- 2-7 : Lobes and ductal structures of the breast 12**Error! Bookmark not defined.**
- 2-8 : Lobes of the breast during non pregnant, pregnant and lactation period. 13**Error! Bookmark not defined.**
- 2-9 : Gross anatomy of the breast. 14**Error! Bookmark not defined.**
- 2-10 : Immersion scan of a dense adolescent breast.14**Error! Bookmark not defined.**
- 2-11 : Immersion scan of an in voluted breast Midsagittal plane .15**Error! Bookmark not defined.**
- 2-12 : GE U/S machine 15**Error! Bookmark not defined.**
- 2-13 : A, B Immersion scan of a partially involuted breast.16**Error! Bookmark not defined.**
- 2-14 : A, B Real-time scans in a dense adolescent breast.16**Error! Bookmark not defined.**
- 2-15 : Real-time scan at the center of a dense breast.17**Error! Bookmark not defined.**

- 2-16 : Midsagittal scans of a dense adolescent breast.17**Error! Bookmark not defined.**
- 2-17 : A, B Sagittal scans in the medial portion of the breast18**Error! Bookmark not defined.**
- 2-18 : FNA histopathology 18**Error! Bookmark not defined.**
- 2-19 : Breast Hamrtoma mammogram A and ultrasound B 19**Error! Bookmark not defined.**
- 2-20 : Breast lipoma mammogram A and ultrasound B 20**Error! Bookmark not defined.**
- 2-21 : Breast galactocele mammogram A and ultrasound B 20**Error! Bookmark not defined.**
- 2-22 : breast U/S with interstitial edema suggestive of mastitis21**Error! Bookmark not defined.**
- 2-23 : Breast abscess 21**Error! Bookmark not defined.**
- 2-24 : Breast cyst 22**Error! Bookmark not defined.**
- 2-25 : Phyllodes tumor..... 23**Error! Bookmark not defined.**
- 2-26 : Intraductal papilloma..... 24**Error! Bookmark not defined.**
- 2-27 : DCIS 24**Error! Bookmark not defined.**
- 2-28 : shows the infiltrative nature of the IDC 25**Error! Bookmark not defined.**
- 2-29 : Lobular carcinoma with cystic contents 26**Error! Bookmark not defined.**
- 2-30 : Papillary breast carcinoma U/S 26**Error! Bookmark not defined.**
- 2-31 : shows Paget's disease 27**Error! Bookmark not defined.**
- 4.1 : Shows Frequency distribution of age group 32**Error! Bookmark not defined.**
- 4.2 : Shows Frequency distribution of mass site..... 33**Error! Bookmark not defined.**
- 4.3 : Shows Frequency distribution of mass echogenicity34**Error! Bookmark not defined.**

4.4 : Shows frequency distribution of presence of calcification³⁵**Error! Bookmark not defined.**

4.5 : Shows frequency distribution of vascularity ...³⁶**Error! Bookmark not defined.**

4.6 : Shows frequency distribution of echotexture of the mass³⁷**Error! Bookmark not defined.**

4.7 : Shows frequency distribution of outline of the mass³⁸**Error! Bookmark not defined.**

4.8 : Shows frequency distribution of shape of the mass³⁹**Error! Bookmark not defined.**

4.9 : Shows frequency distribution of ultrasound final diagnosed⁴⁰**Error! Bookmark not defined.**

4.10 : Shows frequency distribution of results of histopathology⁴¹**Error! Bookmark not defined.**