

Dedication

To my.....

Family....

Friends....

Lovers....

AND EVERY ONE WHO WISHED GOOD FOR ME.

*TO THE FACE OF GOD WHO HELP ME, ALL THROUGH THIS WORK, AND
EVER AFTER, WHOM I ASK MORE ASSISTANCE AND SUPPORT.*

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Abstract

Ultrasound technique is important imaging modality used in the world in diagnostic of breast pathologies.

The main objective of this study was to determine the Characteristic of different breast cancers in ultrasound images.

This study was done on 100 patients who have breast cancer in different ages (20-69 years) and it was done on Radiation and Isotopes Center in Khartoum within three months.

The important results of this study were that the most common age group who has breast cancer was from 40 to 49 years (65%) also the most common type of breast cancer was invasive ductal carcinoma (79%) follows by lobular carcinoma (16%) and malignant phylloid tumor (5%).

ملخص الدراسة

تعتبر الموجات فوق الصوتية واحدة من اهم الطرق التصويرية المتداولة عالميا فى تشخيص امراض الثدي. من اهم اهداف هذه الدراسة تحديد خصائص انواع سرطان الثدي المختلفة فى صورة الموجات فوق الصوتية . اجريت هذه الدراسة على ١٠٠ امرأة مريضة بسرطان الثدي تراوحت اعمارهن بين ٢٠—٦٩ سنة وقد اخذت المعلومات من المركز القومى للعلاج بالاشعة والطب النووى بالخرطوم فى فترة ثلاثة اشهر من ما توصلت اليه هذه الدراسة ان اكثر المريضات كانت اعمارهن بين ٤٠—٤٩ سنة بنسبة ٦٢% وان اكثر انواع سرطان الثدي كان سرطان القناة الغذاء بنسبة ٧٩% يليه سرطان الثدي الفصى بنسبة ١٦% ثم سرطان الثدي الليفى بنسبة ٥%.