

BREAST WITHIN THE BREAST SIGNZahi Hiba*¹, Laasri Khadija², Hosni Abdelmoughit³, Jerguigue Hounaida⁴, Latib Rachida⁵ and Omor Youssef⁶^{1,2,3}Resident, Radiology Department, National Institute of Oncology, Rabat, Morocco.⁴Specialist, Radiology Department, National Institute of Oncology, Rabat, Morocco.⁵Professor and Chief of Department, Radiology Department, National Institute of Oncology.⁶Assistant Professor, Radiology Department, National Institute of Oncology, Rabat, Morocco.***Corresponding Author: Zahi Hiba**

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ABSTRACT

Breast hamartoma represents rare benign tumors. The diagnosis is based on a combination of mammography and ultrasound. Breast with in the breast is specific sign for breast hamartoma.

CASE REPORT

We present case of 50 years old women followed for oesophagus carcinoma in the context of the extension work up, we found palpable mass in right breast On examination, there was about 12 cm mass in the right upper lateral quadrant at 9-11 o'clock the mass is mobile against the skin and underlying tissue associated with old burn injury in the same quadrant.

We notice there are no axillar or supraclavicular lymphadenopathies.

Mammography and tomography revealed a smooth-edged heterogenous oval opacity of mixed density in the right breast. we noted that no suspicious microcalcifications. (figure 1)

Ultrasonography showed solid, well-defined, oval formations lying parallel to the skin plane with inhomogeneous echostructure with hypoechoic areas intermixed with hyperechoic areas. (figure 2).

DISCUSSION

Hamartomas, also known as fibroadenolipomas, are rare, benign formations that can develop in various organs, including the breast.^[1]

Breast with in a breast is specific sign of breast hamartoma described in mammography as heterogenous well circumscribed lesion containing fat and soft tissue surrounded by capsule how gives the aspect of breast with in a breast.^[2]

The ultrasonographic appearance depends on dominant tissue with in the lesion.

The most frequent finding is a well-circumscribed solid hypoechoic mass interspersed with irregular hyperechoic lines or bands.^[3]

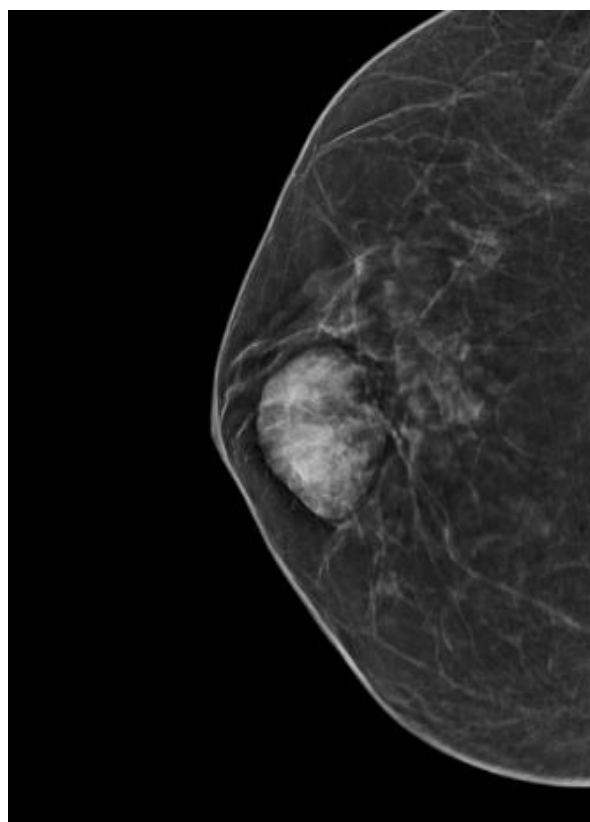


Figure 1: Digital mammograms, and cranio-caudal (CC) projections of the right breast showing a ovoid, encapsulated mass lesion with a 'breast within a breast' appearance.

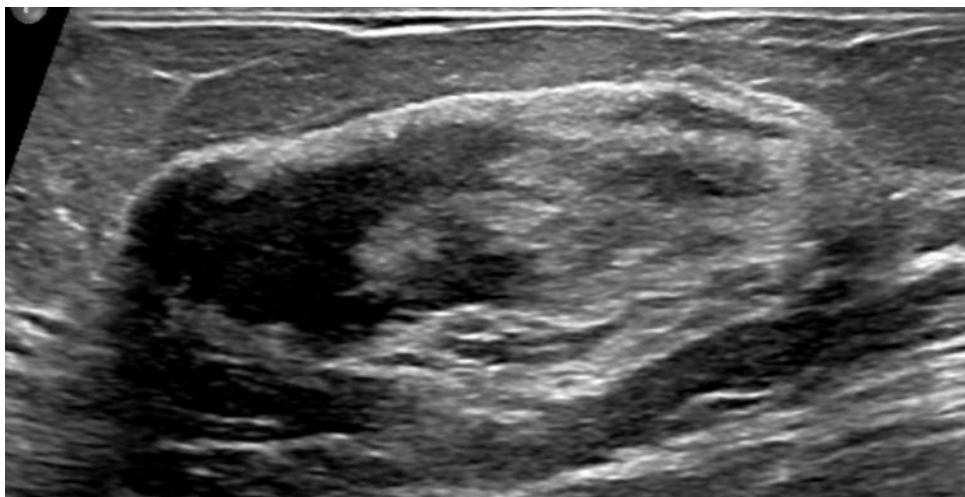


Figure 2: Ultrasonography of the right breast upper lateral quadrant shows a well-defined inhomogeneous predominantly solid lesion with variable sized and shaped cystic areas.

CONCLUSION

The breast with a breast is pathognomonic mammography sign of breast hamartoma. This lesion is considered as benign lesion Ultrasound appearance depend on dominant tissue.

Conflict of interest statement

The authors declare no conflicts of interest.

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