

## Detecting Calcified Liver Metastasis in Breast Cancer

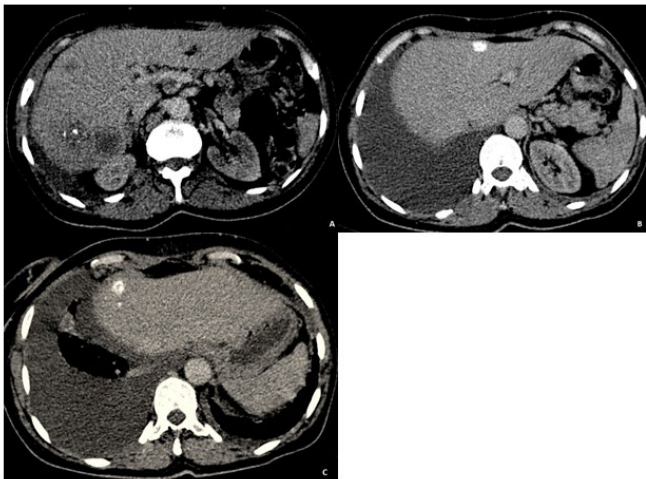
Yassine Zerhari\*, Asaad El Bakkari, Soukaina Alloui, Hounayda Jerguigue, Youssef Omor and Rachida Latib

Radiology Department of national institute of oncology of Rabat, Morocco

### Clinical Image

Calcified liver metastasis is a rare but significant finding in breast cancer patients. We present a case of calcified liver metastasis of breast cancer identified on CT imaging in a 54-year-old female with a history of breast cancer who presented with abdominal pain.

On imaging studies, calcified liver metastasis appears as a well-defined mass with punctate or linear calcifications. In our case, CT imaging after administration of enhancement agent, revealed multiple hypodense calcified lesions in the liver (Figure 1), indicating calcified liver metastasis in accordance with the patient's clinical history. Differential diagnosis includes benign calcifications, cysts, and other types of liver metastases (Figure 1).



**Figure 1:** CT imaging in axial section after administration of enhancement agent in portal time, showed multiple hypodense calcified lesions in the liver.

Treatment options for calcified liver metastasis of breast cancer include surgery, radiation therapy, and systemic therapy. Imaging plays a crucial role in monitoring treatment response and disease progression [1,2].

In conclusion, calcified liver metastasis of breast cancer is a rare but significant finding that can be detected on imaging studies. Early detection and accurate diagnosis of calcified liver metastasis can aid in the diagnosis and management of breast cancer, and can also provide important prognostic information.

### References

1. Wan CK, Chen LP, Chen HY, Yang SS, Hu JT (2020) Triple-negative breast cancer with calcified metastases of hepatic, portal vein and inferior vena cava: Report of a case and review of the literature. *J Formos Med Assoc* 119: 1431-1434.
2. Shonfeld EM, Guarino AV, Bessolo RJ (1973) Calcified hepatic metastases from carcinoma of the breast. *Radiology* 106: 303-304.

\*Corresponding author: Yassine Zerhari, Radiology Department of national institute of oncology of Rabat, Morocco, E-mail: Yassine.zerhari1@gmail.com

**Received:** 04-Apr-2023, Manuscript No. roa-23-94423; **Editor assigned:** 06-Apr-2023, PreQC No. roa-23-94423 (PQ); **Reviewed:** 20-Apr-2023, QC No. roa-23-94423; **Revised:** 22-Apr-2023, Manuscript No. roa-23-94423 (R); **Published:** 29-Apr-2023, DOI: 10.4172/2167-7964.1000437

**Citation:** Zerhari Y, Bakkari A, Alloui S, Jerguigue H, Omor Y, et al. (2023) Detecting Calcified Liver Metastasis in Breast Cancer. *OMICS J Radiol* 12: 437.

**Copyright:** © 2023 Zerhari Y, et al. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.