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Case 16 (May 24 2012): [N Engl J Med. 366\(21\):2018-2026](#)

Demographic: Female, 32 years, North America

Clinical features extracted from the case and entered into the query box:

breast mass

peau d'orange changes

Synonyms used by Isabel for the above query:

breast mass

STOP !

Before you read further you might want to construct your own:

- Complete differential diagnosis
- Final diagnosis

In the following section you will find:

- The final diagnosis of the case
- Did Isabel suggest the final diagnosis

Final Diagnosis of the case according to NEJM:

Infiltrating ductal carcinoma of the breast, HER2-positive, with metastases to the liver

Was the final diagnosis given by Isabel:

Yes, Ductal carcinoma under Breast cancer in Neoplastic

Isabel Checklist Differential:

enter clinical features | synonyms

age*

gender female male

pregnancy

Refine search:
 travel history:

show me:
 diagnoses
 causative drugs
 bioterrorist agents

Enter clinical features, no negatives, no numbers: ⓘ

breast mass	✕
peau d'orange changes	✕

+ add a clinical feature

get checklist ➔

[clear search](#)

Isabel is not meant to replace your clinical judgment.

diagnoses | drugs

show 10 | show all | don't miss | action: -select-

Breast Cancer ♀ ⓘ ⓘ ⓘ NEOPL

 ↳ Ductal Carcinoma in Situ ⓘ ⓘ ⓘ

 ↳ Metastatic Breast Cancer ⓘ ⓘ ⓘ

Why did this diagnosis come up ? ⓘ

We matched the terms: mass in breast | breast mass | breast masses | breast lump | breast lumps | lump in breast | peau | d | d'orange

Degree of match between query entered and Isabel database (Not clinical probability): 100%

Nephrogenic Systemic Fibrosis	ⓘ ⓘ ⓘ	? DERM
Hyperthyroidism ▼	ⓘ ⓘ ⓘ	? ENDO
+ Mast Cell Disease	ⓘ ⓘ ⓘ	? DERM
Pseudoxanthoma Elasticum	ⓘ ⓘ ⓘ	? DERM
Scleredema Diabeticorum	ⓘ ⓘ ⓘ	? DERM
Breast Fibroadenomas	♀ ⓘ ⓘ ⓘ	? GYNE
Breast Abscess	ⓘ ⓘ ⓘ	? INFEC
Mastitis	♀ ⓘ ⓘ ⓘ	? GYNE
Paget's Disease of the Nipple	♀ ⓘ ⓘ ⓘ	? GYNE

[view all](#)

Click diagnosis for evidence-based content.

feedback: