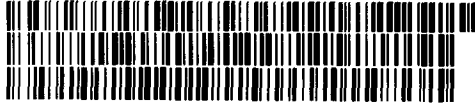


Redacted



1CB-0-3

carcinoma, infiltrating duct, NOS 8500/3

Site: breast, NOS C50.9 per 9/3/11

SPECIMEN

- A. Sentinel node #1
- B. Sentinel node #2
- C. Left breast mass
- D. 6 o'clock
- E. 12 o'clock
- F. 9 o'clock
- G. 3 o'clock

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CLINICAL NOTES

HISTORY: Left breast ca at 10:00. Multifocal 1 cm. and 5 cm. from nipple.

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1

FROZEN SECTION DIAGNOSIS

- A) Lymph node, sentinel node 1, excision - Negative for metastatic carcinoma (0/1).
- B) Lymph node, sentinel node 2, excision - Negative for metastatic carcinoma (0/1).

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GROSS DESCRIPTION

A. Received fresh labeled "sentinel node #1" is a lymph node that measures 1.5 cm in dimension. The lymph node is entirely frozen.

B. Received fresh labeled "sentinel lymph node #2" is a lymph node that measures 1.1 cm in dimension. The lymph node is entirely frozen.

C. The specimen is received fresh labeled "left breast mass" and consists of a yellow piece of soft tissue measuring 10 x 7.5 x 5.4 cm. The specimen has a long and a short suture on it. There is an overlying

GROSS DESCRIPTION

white
ellipse of skin measuring 6.5 x 1.5 cm. which has a central
longitudinal wound in it. The external surface of the specimen is
inked as indicated below.
Superior yellow, inferior orange, anterior red, lateral blue,
medial
green,
inferior black. There is a central firm tumor measuring 1.5 cm. in
greatest
cross sectional dimension. A portion of the central tumor is taken
for
research purposes. Sections after fixation. RS15. +RR11
D. Received in formalin labeled "#6" and consists of a
yellow and tan piece of soft tissue measuring 3 x 2 x 0.7
cm. It is not completely clear which side of the specimen is the
external side. The external surface of the specimen is inked.
Sections after fixation. RS4.
E. Received in formalin labeled "#12" and consists of a
yellow piece of soft tissue measuring 3 x 2.5 x 1 cm. The
external surface of the specimen is inked. RS4.
F. Received in formalin labeled "9" and consists of a
yellow piece of soft tissue measuring 3 x 1.5 x 1 cm. The
external surface of the specimen is inked. Sections after fixation.
RS2.
G. Received in formalin labeled "#3" and consists of a
piece of yellow soft tissue measuring 3.2 x 1.5 x 1 cm.
The external surface of specimen is inked. Sections after fixation.
RS3.
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MICROSCOPIC DESCRIPTION

A. A single lymph node is negative for malignancy.
B. A single lymph node is negative for malignancy.
[At the request of some staff oncologists and in keeping
with the opinion of some experts in breast pathology,
immunohistochemical stains for keratin were not used on the
sentinel
lymph node sections in this case. These stains can be obtained if
desired. Our paraffin blocks are retained for 10 years. (Schwartz
GF et al. Cancer 94(10):2542, 2002)].

C. Invasive carcinoma

Tumor type: Infiltrating ductal carcinoma
Tumor grade: 2 (Elston SBR grade; A/N/M =3/2/1)
Mitotic index: 0 mitoses/10 HPFs (1 HPF = 0.196 sq mm)
Tumor size: 1.5 cm.
Specimen margins: Negative for malignancy. Carcinoma is 1 cm. from the nearest inked margin.
Vessel invasion: Absent.
Calcification: Absent.

Non-tumorous breast: Apocrine metaplasia, cyst formation and intraductal epithelial hyperplasia without atypia are present.

pTNM stage: T1

Prognostic markers: See previous biopsy.

D-G. Additional biopsy pieces are negative for malignancy.

Cyst formation and apocrine metaplasia are seen in specimen

D at 6 o'clock.

After discussion with Dr. specimen C was re-examined. No definite second mass was identified. An additional 11 blocks of tissue were submitted from the inferior portion of the specimen. These showed cyst formation (up to 2 mm), focal intraductal

MICROSCOPIC DESCRIPTION

epithelial hyperplasia without atypia, periductal elastosis, apocrine metaplasia, focal small cyst rupture, and arteriolar medial calcification. No additional carcinoma was identified.

4x3, 3x4, 14x2

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DIAGNOSIS

A. Sentinel lymph node #1, biopsy:

A single lymph node is negative for malignancy.

B. Sentinel lymph node #2, biopsy:

A single lymph node is negative for malignancy.

C. Breast, left, excisional biopsy:

Infiltrating ductal carcinoma, Elston SBR grade 2.

Fibrocystic

changes.

D-G. Breast, left, 6 o'clock, 12 o'clock, 9 o'clock, 3 o'clock, biopsies:

Mild fibrocystic changes. Negative for malignancy.

Addition to microscopic description.

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, M.D. (Electronic Signature)

--- End Of Report ---

Criteria	Yes	No
Diagnostic Discrepancy		
Primary Tumor Site Discrepancy		
HIPAA Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary Noted		
Case is (circle):		
Reviewer Initials		

QUALIFIED / QUALIFIED
Date Reviewed: 10/3/11