



1CD-0-3

Carcinoma, metaplastic, NOS 8575/3

Site: breast, NOS C50.9 lw

4/27/11

DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE

Date Coll

SPECIMEN

- A. Left axillary sentinel lymph node
- B. Left breast

CLINICAL NOTES

CLINICAL HISTORY: A -year-old with left breast metaplastic cancer.

FROZEN SECTION DIAGNOSIS

AFS Left axillary sentinel node, excision:
No evidence of metastasis in 1 node (0/1)

GROSS DESCRIPTION

A. Received in a container labeled with the patient's name, medical record number and "left axillary sentinel lymph node". The specimen container holds a single soft tan lymph node measuring 1.5 x 1 x 0.5 cm. AS block ASF, bisected.
B. Container B is labeled with the patient's name, medical record number and "left breast". The specimen consists of an excisional biopsy oriented by two sutures and measuring 3.5 cm. from anterior to posterior, 3.8 cm. from superior to inferior and 2.5 cm. from medial to lateral. The specimen margins are inked as follows: blue-interior, black-posterior, red-superior, green-inferior, yellow-medial, orange-lateral. The specimen is serially sectioned and there is a firm, tan stellate lesion measuring 1.8 x 1.5 x 1.5 cm., located extending in the direction of the inferior margin of resection and appearing to involve the inferior margin. ASB1-B20.

MICROSCOPIC DESCRIPTION

A. There is no evidence of metastasis in one left axillary sentinel lymph node. The node is examined by multilevel sectioning with H&E staining, as well as for immunohistochemistry for pankeratin.

B. Invasive Carcinoma: Present.

Histologic type: Adenocarcinoma with squamous differentiation, metaplastic.

Histologic grade:

Overall grade: 3

Architectural score: 3

Nuclear score: 3

Mitotic score: 3

Greatest dimension (pT): 1.8 cm (pT1)

Specimen margins: Positive.

Vessel invasion: Invasive carcinoma involves inferior margin over a distance of greater than 1 cm.

Vessel invasion: foci suspicious.

Calcification: Present.

Ductal carcinoma in situ: Present.

Histologic pattern: Solid.

Nuclear grade: 3

Central necrosis: Present.

% DCIS subtotal tumor: Less than 10%.
Extensive intraductal component: Absent.
Specimen margins: Negative.
Calcification: Present.

Description of non-tumorous breast: Unremarkable.

Comments: None.

Prognostic markers: Previously FISH for HER-2 was reported as equivocal and a block is sent at the request of repeat HER-2 by FISH.

DIAGNOSIS

- A. Left axillary sentinel lymph node, resection:
- No evidence of metastasis in one lymph node (0/1).
- B. Left breast, excisional biopsy:
- Poorly differentiated carcinoma with metaplastic features, grade 3, 1.8 cm.
- Invasive carcinoma extends to involve the inferior margin of resection.
- Ductal carcinoma in situ, solid and comedo subtypes, nuclear grade 3 with necrosis, margins negative.

(Electronic Signature)

--- End Of Report ---

Criteria	Yes	No
Diagnostic Discrepancy		/
Primary Tumor Site Discrepancy		/
HIPAA Discrepancy		/
Prior Malignancy History		/
Qual/Synchronous Primary Noted		/
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	4/22/11	