

Carcinoma, infiltrating ductal, NOS 8500/3

Site Code: breast, NOS C50.9

1/17/11  
for

## Surgical

### Surg Path

UUID:6C50D456-A828-4514-92D2-01A5900B74F1  
TCGA-B6-A0RL-01A-PR

Redacted

#### CLINICAL HISTORY:

Left breast mass, positive biopsy. Rule out breast CA.

#### GROSS EXAMINATION:

A. "Left breast biopsy", in formalin. Received is a portion of adipose tissue which measures 4.5 x 4.0 x 1.9 cm in greatest dimensions. A firm nodule is felt within the adipose tissue. Sections through this nodule reveal a white, gritty mass with irregular borders which measures 3.0 x 1.3 x 2 cm in greatest dimensions. The tumor approaches the margin of resection. Frozen section was done on this tumor. Initially, the tissue is submitted for ER/PR receptors. The frozen section remnant is submitted in Block A1. Additional representative sections of tumor are submitted in Blocks A2 and A3.

B. "Left breast with axillary contents". Received is a 620 gram, 20 x 16 x 3.5 cm modified radical mastectomy with attached axillary tail. The attached axillary tail measures 8 cm x 7.5 cm x 1.8 cm. The skin ellipse measures 20 cm in length x 7.5 cm in width with a medially eccentrically placed nipple. Lateral and inferior to the nipple is a 5 cm sutured incision. The deep surface is painted with blue ink. Deep to the incision there is a hemorrhagic biopsy cavity which measures approximately 5 cm x 4.5 cm x 3 cm in greatest dimensions. The biopsy cavity approaches the deep margin of the specimen, but no residual tumor is identified. Along the superficial edge of the biopsy cavity is a residual firm nodule which measures 1.5 x 2.0 x 0.8 cm is felt. Examination of the remainder of the breast reveals only firm, white breast tissue and adipose tissue. The axillary tail is examined for lymph node candidates.

#### Block Summary:

- B1: Representative sections of nipple.  
B2: Representative sections of skin through incision.  
B3-B5: Representative sections of biopsy cavity to include deep margins.  
B6, B7: Nodule along superior aspect of biopsy cavity.  
B8: Representative section of upper inner quadrant.  
B9: Representative sections of lower inner quadrant.  
B10: Representative section of upper outer quadrant.  
B11: Representative section of normal lower outer quadrant.  
B12, B13: Lymph node candidates from Level-I.  
B14-B16: Lymph node candidates from Level-II (a single large lymph node candidate is bisected and submitted in toto in Block A16).  
B17, B18: Lymph node candidates from Level-III.

#### INTRA OPERATIVE CONSULTATION:

"Left breast biopsy": AF1 - Carcinoma.

#### DIAGNOSIS:

A. "LEFT BREAST BIOPSY":

INFILTRATING DUCTAL CARCINOMA (3 CM DIAMETER), NSABP NUCLEAR GRADE 3 of 3  
HISTOLOGIC GRADE III. A SPINDLE CELL COMPONENT IS PRESENT.  
FOCAL INTRADUCTAL CARCINOMA OF COMEDO TYPE.

B. "LEFT BREAST WITH AXILLARY CONTENTS":

INFILTRATING DUCTAL ADENOCARCINOMA, NSABP NUCLEAR GRADE 2 to 3; HISTOLOGIC  
GRADE II.

Criteria	Yes	No
Diagnosis Discrepancy		X
Primary Tumor Site Discrepancy		X
NIPAA Discrepancy		X
Prior Malignancy History		X
Dual/Synchronous Primary		X
Case(s) (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	RMH	SWP
Date Reviewed	1/13/11	

SURGICAL MARGINS ARE FREE OF MALIGNANCY.  
ZERO OF 16 LYMPH NODES ARE POSITIVE FOR METASTATIC DISEASE.

Verified by