

ICD-O-3

Carcinoma, infiltrating duct, NOS

8500/3 12/8/10

fw

Site Code: breast, NOS 050.9

**TSS:**

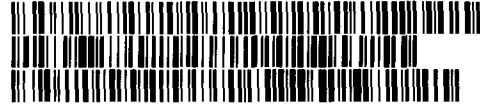
**SPECIMENS:**

- A. SLN #1 LEFT AXILLA
- B. SLN #2 LEFT AXILLA
- C. WLE LEFT BREAST
- D. POSTERIOR MARGIN LEFT BREAST

UUID:5173D884-EE23-4973-A244-48B1D79325C9

TCGA-E2-A150-01A-PR

Redacted



**SPECIMEN(S):**

- A. SLN #1 LEFT AXILLA
- B. SLN #2 LEFT AXILLA
- C. WLE LEFT BREAST
- D. POSTERIOR MARGIN LEFT BREAST

**INTRAOPERATIVE CONSULTATION DIAGNOSIS:**

TPA, SLN #1, Left axilla: No carcinoma identified  
TPB, SLN #2, Left axilla: No carcinoma identified  
Part C, WLE Left breast: Mass immediately adjacent to posterior margin, additional tissue requested  
Diagnoses called at (A and B) and (C) by Dr.

**GROSS DESCRIPTION:**

A. SLN #1 LEFT AXILLA  
Received fresh labeled with the patient's identification and designated "sentinel lymph node number one left axilla" is a fragment of adipose tissue measuring 2.5 x 2 x 1.3 cm. One possible lymph node is identified measuring 1.5 x 1 x 0.5 cm. Touch preparation is performed. The entire lymph node is submitted, A1.

B. SLN #2 LEFT AXILLA  
Received fresh labeled with the patient's identification and designated "sentinel lymph node number two left axilla" is a fragment of possible lymphoid tissue measuring 1.5 x 1.1 x 1.1 cm. Touch preparation is performed. The entire specimen is submitted, B1.

C. WLE LEFT BREAST  
Received fresh labeled with the patient's identification and designated "left breast wide local excision" is an 81-g, 8 x 7 x 5.5 cm oriented lumpectomy specimen. The long suture designates lateral, short-superior. Ink code: Anterior-yellow, posterior-black, medial-green, lateral-red, superior-blue, inferior-orange. The specimen is serially sectioned from medial to lateral into 6 slices revealing a firm beige mass with granular cut surface, 2.5 x 2.2 x 1.5 cm located right at the posterior margin. A portion of the specimen is submitted for tissue procurement. Representatively submitted:

- C1-C2: Perpendicular sections medial margin
- C3-C4: Slice 2, mass, posterior/superior margin
- C5-C6: Slice 2, mass, posterior/inferior margin
- C7-C8: Slice 2, anterior/inferior
- C9-C10: Slice 3, remainder of mass, posterior margin
- C11: Slice 3, superior/anterior
- C12: Slice 3, inferior
- C13: Slice 4, posterior
- C14: Slice 4, superior
- C15: Perpendicular sections lateral margin

D. POSTERIOR MARGIN LEFT BREAST  
Received in formalin labeled with the patient's identification and designated "posterior margin left breast" is an oriented (suture at final margin) 9-g, 4 x 3 x 1.5 cm fragment of fibroadipose tissue. The final margin inked black. The entire specimen is submitted, D1-D9.

**DIAGNOSIS:**

A. LYMPH NODE, SENTINEL #1, LEFT AXILLA, EXCISION:  
- ONE LYMPH NODE, NEGATIVE FOR METASTASES (0/1).

B. LYMPH NODE, SENTINEL #2, LEFT AXILLA, EXCISION:  
- ONE LYMPH NODE, NEGATIVE FOR METASTASES (0/1).

C. BREAST, LEFT, WIDE LOCAL EXCISION:  
- INVASIVE DUCTAL CARCINOMA, SBR GRADE 3, MEASURING 2.2-CM  
- TUMOR PRESENT 1.5-MM FROM CLOSEST POSTERIOR MARGIN (POSTERIOR).

- SEE SYNOPTIC REPORT.

D. BREAST, LEFT, POSTERIOR MARGIN, EXCISION:

- BREAST TISSUE, NEGATIVE FOR TUMOR.

**SYNOPTIC REPORT - BREAST**

Specimen Type: Excision

Needle Localization: No

Laterality: Left

Invasive Tumor: Present

Multifocality: No

**WHO CLASSIFICATION**

Invasive ductal carcinoma, NOS 8500/3

Tumor size: 2.2cm

Tumor Site: Not specified

Margins: Negative

Tubular Score: 3

Nuclear Grade: 3

Mitotic Score: 3

Modified Scarff Bloom Richardson Grade: 3

Necrosis: Present

Vascular/Lymphatic Invasion: None identified

Lobular neoplasia: None

Lymph nodes: Sentinel lymph node only

Lymph node status: Negative 0 / 2

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DCIS not present

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**ER/PR/HER2 Results**

ER: Pending

PR: Pending

HER2: Negative by IHC

Performed on Case:

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Pathological staging (pTN): pT 2 N 0

**CLINICAL HISTORY:**

None given

**PRE-OPERATIVE DIAGNOSIS:**

Left breast cancer

**ADDENDUM:**

**SYNOPTIC REPORT - BREAST, ER/PR RESULTS**

Specimen: Surgical Excision

Block Number: C6

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ER: Negative Allred Score: 0 = Proportion Score 0 + Intensity Score 0

PR: Negative Allred Score: 0 = Proportion Score 0 + Intensity Score 0

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**COMMENT:**

The Allred score for estrogen and progesterone receptors is calculated by adding the sum of the proportion score (0 = no staining, 1 = <1% of cells staining, 2 = 1 - 10% of cells staining, 3 = 11-30% of cells staining, 4 = 31-60% of cells staining, 5 = >60% of cells staining) to the intensity score (1 = weak

intensity of staining, 2 = intermediate intensity of staining, 3 = strong intensity of staining), with a scoring range from 0 to 8.

ER/PR positive is defined as an Allred score of  $>2$  and ER/PR negative is defined as an Allred score of less than or equal to 2.

**METHODOLOGY:**

Tissue was fixed in 10% neutral buffered formalin for no less than 8 and no longer than 24 hours. Immunohistochemistry was performed using the mouse anti-human ER (ER 1D5, 1:100) and PR (PGR 136, 1:100) provided by Dako following the manufacturer's instructions. This assay was not modified. Interpretation of the ER/PR immunohistochemical stain is guided by published results in the medical literature, information provided by the reagent manufacturer and by internal review of staining performance.

Gross Dictation:

Microscopic/Diagnostic Dictation: Pathologist.

Final Review: Pathologist

Final: Pathologist,

Addendum: Pathologist,

Addendum Final: Pathologist,

Criteria	Yes	No
Diagnosis Discrepancy		/
Primary Tumor Site Discrepancy		/
HPAA Discrepancy		/
Prior Malignancy History		/
Dual/Synchronous Biopsy Noted		/
Case Is (Circle):	MALE	FEMALE
Reviewer Initials	W	11/2/10
Date Reviewed		