

ICD-0-3

Carcinoma, infiltrating duct, NOS

8500/3 12/8/10  
lw

Site Code: breast, NOS C50.9

TSS:

**SPECIMENS:**

- A. RIGHT BREAST CANCER
- B. SENTINEL L.N. #1 RIGHT AXILLA
- C. SENTINEL L.N. #2 RIGHT AXILLA
- D. SENTINEL L.N. #3 RIGHT AXILLA
- E. SENTINEL L.N. #4 RIGHT AXILLA

UUID:1FE4EB4C-FEF8-486A-B39D-6F9F023FDAC4  
TCGA-E2-A15D-01A-PR

Redacted



**SPECIMEN(S):**

- A. RIGHT BREAST CANCER
- B. SENTINEL L.N. #1 RIGHT AXILLA
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- E. SENTINEL L.N. #4 RIGHT AXILLA

**GROSS DESCRIPTION:**

**A. RIGHT BREAST CANCER**

Received fresh labeled with the patient's identification and "right breast needle localization" is a previously inked 53g, 6 x 5 x 4cm needle localized lumpectomy with radiograph. Ink code: anterior-yellow, posterior-black, superior-blue, inferior-orange, medial-green, lateral-red. Specimen is serially sectioned from lateral to medial into 8 slices revealing a 2.5 x 2.3 x 1.5cm tan white firm well circumscribed mass, 0.6cm from the closest inferior margin in slices 2-7. A surgical clip is identified in slice 5. A portion of the specimen is submitted for tissue procurement. Representatively submitted:

A1-A2: lateral margin slice 1

A3-A5: slice 2

A6-A8: slice 3

A9-A15: slice 4

A16: slice 5 with clip ID

A17-A18: slice 6

A19-A20: slice 7

A21: medial margin

**B. SENTINEL L.N. #1 RIGHT AXILLA**

Received fresh is a tan pink lymph node 1.2 x 1 x 1cm. The specimen is sectioned and a touch prep is taken. Toto B1.

**C. SENTINEL L.N. #2 RIGHT AXILLA**

Received fresh is a tan pink lymph node 0.8 x 0.6 x 0.5cm. The specimen is bisected and a touch prep is taken. Toto C1.

**D. SENTINEL L.N. #3 RIGHT AXILLA**

Received fresh is a tan pink lymph node 1.2 x 1 x 0.8cm. The specimen is bisected and a touch prep is taken. Toto D1.

**E. SENTINEL L.N. #4 RIGHT AXILLA**

Received fresh is a tan pink lymph node 1.4 x 1 x 0.6cm. The specimen is bisected and a touch prep is taken. Toto E1.

**DIAGNOSIS:**

**A. BREAST, RIGHT, WIDE LOCAL EXCISION:**

- INVASIVE DUCTAL CARCINOMA, SBR GRADE 1, MEASURING 2.2-CM
- INTERMEDIATE NUCLEAR GRADE, DUCTAL CARCINOMA IN SITU, CRIBRIFORM TYPE WITH CENTRAL NECROSIS
- SURGICAL RESECTION MARGINS NEGATIVE FOR TUMOR
- DCIS PRESENT WITHIN 0.15-CM FROM INFERIOR SURGICAL RESECTION MARGIN
- BIOPSY SITE CHANGES WITH FIBROSIS AND GRANULATION TISSUE
- SEE SYNOPTIC REPORT.

**B. LYMPH NODE, SENTINEL #1, RIGHT AXILLA, EXCISION:**

- ONE LYMPH NODE, NEGATIVE FOR METASTASES (0/1).

**C. LYMPH NODE, SENTINEL #2, RIGHT AXILLA, EXCISION:**

- ONE LYMPH NODE, NEGATIVE FOR METASTASES (0/1).

**D. LYMPH NODE, SENTINEL #3, RIGHT AXILLA, EXCISION:**

- ONE LYMPH NODE, NEGATIVE FOR METASTASES (0/1).

**E. LYMPH NODE, SENTINEL #4, RIGHT AXILLA, EXCISION:**

- ONE LYMPH NODE, NEGATIVE FOR METASTASES (0/1).

**SYNOPTIC REPORT - BREAST**

Specimen Type: Excision  
Needle Localization: Yes - For mass  
Laterality: Right  
Invasive Tumor: Present  
Multifocality: No  
**WHO CLASSIFICATION**  
Invasive ductal carcinoma, NOS 8500/3  
Tumor size: 2.2cm  
Tumor Site: Not specified  
Margins: Negative  
Distance from closest margin: 0.4cm  
inferior  
Tubular Score: 2  
Nuclear Grade: 2  
Mitotic Score: 1  
Modified Scarff Bloom Richardson Grade: 1  
Necrosis: Absent  
Vascular/Lymphatic Invasion: None identified  
Lobular neoplasia: None  
Lymph nodes: Sentinel lymph node only  
Lymph node status: Negative 0 / 4

DCIS present  
Margins uninvolved by DCIS 0.15-cm from inferior  
DCIS Quantity: Estimate 30%  
DCIS Type: Cribriform  
DCIS Location: Associated with invasive tumor  
Nuclear grade: Intermediate  
Necrosis: Present

ER/PR/HER2 Results  
ER: Positive  
PR: Positive  
HER2: Negative by FISH  
Performed on Case:

Pathological staging (pTN): pT 2 N 0

**CLINICAL HISTORY:**

None provided.

**PRE-OPERATIVE DIAGNOSIS:**

Right breast cancer.

**INTRAOPERATIVE CONSULTATION:**

A. GROSS EXAMINATION: Right breast- mass is 2.5cm and 0.6cm from the closest inferior margin. Diagnosis called to Dr. at by Dr.  
TPB-TPC-TPD-TPE: SLN #1-4: Negative for carcinoma. Diagnosis called to Dr. at by Dr.

**ADDENDUM:**

**ONCOTYPE DX BREAST CANCER ASSAY**

RESULTS: Recurrence Score: 17  
CLINICAL EXPERIENCE: Patients with a recurrence score of: 17 in the clinical validation study had an average rate of Distant Recurrence at 10 years of 11%

ER Score: 9.8 Positive  
PR Score: 8.4 Positive  
Her2 Score: 9.5 Negative

**Interpretation:**

ER Negative < 6.5 Positive >= 6.5  
PR Negative < 5.5 Positive >= 5.5

Her2 Negative <10.7 Positive >=11.5 Equivocal = 10.7 - 11.4

See separate report for further information.  
Test performed at:

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		/
IIPAA Discrepancy		/
Prior Malignancy History		/
Dual/Synchronous Primary Noted		/
Case Is (Circle):	QUALIFIED	UNQUALIFIED
Reviewer: Initials	Date Reviewed: 11-27-10	