

1CD-0-3

Carcinoma, infiltrating duct, NOS

8500/3 12/8/10

fw

Site Code: breast, NOS C50.9

TSS:

SPECIMENS:

- A. SLN 1 RIGHT AXILLA
- B. SLN 2 RIGHT AXILLA
- C. SLN 3 RIGHT AXILLA
- D. SLN 4 RIGHT AXILLA
- E. RIGHT BREAST

UUID: 0F708C6E-0262-46EE-8ED2-67E791D5C379
TCGA-E2-A15R-01A-PR

Redacted



SPECIMEN(S):

- A. SLN 1 RIGHT AXILLA
- B. SLN 2 RIGHT AXILLA
- C. SLN 3 RIGHT AXILLA
- D. SLN 4 RIGHT AXILLA
- E. RIGHT BREAST

INTRAOPERATIVE CONSULTATION DIAGNOSIS:

TPA, Lymph node, sentinel, right axilla, biopsy: Negative for carcinoma
TPB, Lymph node, sentinel, right axilla, biopsy: Negative for carcinoma
TPC, Lymph node, sentinel, right axilla, biopsy: Negative for carcinoma
TPD, Lymph node, sentinel, right axilla, biopsy: Negative for carcinoma
Diagnoses called at by Dr.

GROSS DESCRIPTION:

- A. SLN 1 RIGHT AXILLA
Received fresh labeled with the patient's identification and designated "sentinel lymph node number one right axilla" is a tan lymph node measuring 2.2 x 1 x 0.8 cm. Touch preparation is performed. Entirely submitted, A1.
- B. SLN 2 RIGHT AXILLA
Received fresh labeled with the patient's identification and designated "sentinel lymph node number two right axilla" is a tan lymph node measuring 1.5 x 1 x 0.8 cm. Touch preparation is performed. Entirely submitted, B1.
- C. SLN 3 RIGHT AXILLA
Received fresh labeled with the patient's identification and designated "sentinel lymph node number three right axilla" is a tan lymph node measuring 0.6 x 0.4 x 0.3 cm. Touch preparation is performed. Entirely submitted, C1.
- D. SLN 4 RIGHT AXILLA
Received fresh labeled with the patient's identification and designated "sentinel lymph node number four right axilla" is a tan lymph node measuring 1 x 0.6 x 0.4 cm. Touch preparation is performed. Entirely submitted, D1.
- E. RIGHT BREAST
Received fresh labeled with the patient's identification and designated "right breast" is an oriented, 27 g, 5.3 x 4.5 x 3 cm lumpectomy specimen. The short suture designates superior, long-lateral. Ink code: Anterior-yellow, posterior-black, medial-green, lateral-red, superior-blue, inferior-orange. The specimen is serially sectioned from superior to inferior into 5 slices to reveal a firm lobulated tan mass, 2.2 x 1.5 x 0.9 cm, located 0.1-cm from the nearest anterior margin. The entire specimen is submitted:
E1-E3: Perpendicular sections superior margin
E4-E7: Slice 2, E5 demonstrating mass and nearest anterior margin
E8-E11: Slice 3, E9, E11 demonstrating mass and nearest anterior margin
E12-E15: Slice 4, submitted entirely
E16-E18: Perpendicular sections inferior margin

DIAGNOSIS:

- A. LYMPH NODE, SENTINEL #1, RIGHT AXILLA, EXCISION:
- METASTATIC CARCINOMA TO ONE OF ONE LYMPH NODE (1/1), MEASURING 0.3-CM WITH EXTRANODAL EXTENSION, SEE NOTE.
- B. LYMPH NODE, SENTINEL #2, RIGHT AXILLA, EXCISION:
- METASTATIC CARCINOMA TO ONE OF ONE LYMPH NODE (1/1), MEASURING 0.1-CM WITH EXTRANODAL EXTENSION, SEE NOTE.
- C. LYMPH NODE, SENTINEL #3, RIGHT AXILLA, EXCISION:
- ONE LYMPH NODE, NEGATIVE FOR METASTASES (0/1).
- D. LYMPH NODE, SENTINEL #4, RIGHT AXILLA, EXCISION:
- METASTATIC CARCINOMA TO ONE OF ONE LYMPH NODE (1/1), MEASURING 0.6-CM WITH EXTRANODAL EXTENSION, SEE NOTE.

E. BREAST, RIGHT, WIDE LOCAL EXCISION:

- **INVASIVE DUCTAL CARCINOMA, SBR GRADE 2, MEASURING 1.9-CM**
- **INTERMEDIATE NUCLEAR GRADE, DUCTAL CARCINOMA IN SITU, SOLID TYPE**
- **INVASIVE TUMOR PRESENT 0.15-CM FROM MEDIAL AND 0.1-CM FROM ANTERIOR SURGICAL RESECTION MARGINS**
- **FOCAL LYMPHOVASCULAR INVASION IDENTIFIED**
- **BIOPSY SITE CHANGES WITH FIBROSIS,**
- **SEE SYNOPTIC REPORT AND SEE NOTE.**

NOTE: The touch preparation of SLN #1 and 2 shows no tumor cells. Therefore the false negativity is due to sampling error. The touch preparation of SLN #4 shows two clusters of atypical cells. Dr. concurs.

A few clusters branching out and focally separated from the main tumor mass are identified in a close proximity to the medial margin (0.15-cm). The main tumor mass is 0.1-cm from the anterior surgical resection margin.

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: 1.9cm
Margins: Negative
Distance from closest margin: Less than 0.15cm
medial and anterior
Tubular Score: 3
Nuclear Grade: 2
Mitotic Score: 2
Modified Scarff Bloom Richardson Grade: 2
Necrosis: Absent
Vascular/Lymphatic Invasion: Present
Extent: focal
Lobular neoplasia: None
Lymph nodes: Sentinel lymph node
Lymph node status: Positive 3 / 4 Extranodal extension

DCIS present

Margins uninvolved by DCIS
DCIS Quantity: Estimate 5%
DCIS Type: Solid
DCIS Location: Associated with invasive tumor
Nuclear grade: Intermediate
Necrosis: Absent

ER/PR/HER2 Results

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

Pathological staging (pTN): pT 1c N 1

Pathological staging is based on the AJCC Cancer Staging Manual, 7th Edition

CLINICAL HISTORY:

year-old female right breast mass, invasive ductal carcinoma on core bx. Right needle localization excision with sentinel lymph node biopsy

PRE-OPERATIVE DIAGNOSIS:

Carcinoma, right breast

Gross Dictation:

Microscopic/Diagnostic Dictation: Pathologist,

Final Review: Pathologist,

Final: Pathologist,

| Criteria | Yes | No |
|--------------------------------|-----|----|
| Diagnostic Discrepancy | | |
| Primary Tumor Site Discrepancy | | |
| IPAA Discrepancy | | |
| Prior Malignancy History | | |
| Dual/Synchronous Primary Noted | | |
| Case is (circle): | | |
| Reviewer Initials | | |
| Date Reviewed: | | |