

TSS ID

SPECIMENS:

- A. SENTINEL LYMPH NODE #1 LEFT AXILLA
- B. SENTINEL LYMPH NODE #2 LEFT AXILLA
- C. LEFT BREAST MEDIAL NEEDLE LOCALIZATION
- D. LEFT BREAST LATERAL NEEDLE LOCALIZATION

100-0-3

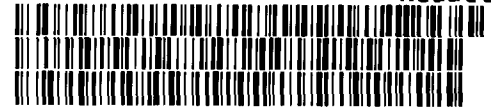
Carcinoma, infiltrating ductal, NOS 8500/3
Site: breast, NOS C50.9 2/8/11
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UUID: FE54D4DC-C35E-44D2-B8B5-0B631AE0F89D
TCGA-E2-A1IK-01A-PR

Redacted



GROSS DESCRIPTION:

A. SENTINEL LYMPH NODE #1 LEFT AXILLA

Received fresh are 4 tan pink lymph nodes ranging from 0.5cm to 1.5cm in greatest dimensions. Four touch preps are taken.

A1: 1 lymph node

A2: 1 lymph node

A3: 1 lymph node

A4: 1 lymph node

B. SENTINEL LYMPH NODE #2 LEFT AXILLA

Received fresh are 2 tan pink lymph nodes 0.5cm and 1.2cm in greatest dimensions. Two touch preps are taken.

B1: 1 lymph node

B2: 1 lymph node

C. LEFT BREAST MEDIAL NEEDLE LOCALIZATION

Received fresh labeled with the patient's identification and "left breast medial needle localization" is an oriented 38g, 8 x 5 x 2.2cm needle localized lumpectomy. Ink code: anterior-yellow, posterior-black, superior-blue, inferior-orange, medial-green, lateral-red. Specimen is serially sectioned from medial to lateral into 6 slices revealing a 1.3 x 1.3 x 1.2cm tan pink well circumscribed firm mass, closest to the posterior margin at 0.1cm and 0.2cm from the anterior margin in slices 3-4. Tissue is procured.

Representatively submitted:

C1-C2: medial margin slice 1

C3-C6: slice 2

C7-C10: slice 3 with mass in C9

C11-C15: slice 4 with mass in C13

C16-C19: slice 5

C20-C23: lateral margin slice 6

D. LEFT BREAST LATERAL NEEDLE LOCALIZATION

Received fresh labeled with the patient's identification and "left breast lateral needle localization" is an oriented 11g, 4.5 x 3.5 x 2cm needle localized lumpectomy. Ink code: anterior-yellow, posterior-black, superior-blue, inferior-orange, medial-green, lateral-red. Specimen is serially sectioned from medial to lateral into 6 slices revealing a 0.5 x 0.5 x 0.4cm tan pink well circumscribed firm mass, closest to the inferior margin at 0.5cm in slice 3. Entirely submitted:

D1: medial margin slice 1

D2-D3: slice 2

D4-D5: slice 3 with mass in D5

D6-D7: slice 4

D8: slice 5

D9: lateral margin slice 6

DIAGNOSIS:

A. SENTINEL LYMPH NODE 1, LEFT AXILLA, BIOPSY:

- MICROMETASTATIC CARCINOMA IN ONE OF FOUR LYMPH NODES (1/4).
- NO EXTRANODAL EXTENSION IS SEEN.

NOTE: Several foci of tumor are seen in one lymph node with the largest measuring 0.5 millimeters. A cytokeratin AE1/3 stain is positive in tumor cells.

B. SENTINEL LYMPH NODE 2, LEFT AXILLA, BIOPSY:

- TWO LYMPH NODES, NO TUMOR SEEN (0/2).

- C. BREAST, LEFT, MEDIAL, NEEDLE LOCALIZATION EXCISION:
 - INVASIVE DUCTAL CARCINOMA, SBR GRADE 2, WITH MUCINOUS FEATURES AND SIGNET RING CELLS.
 - TUMOR MEASURES 1.4 CM.
 - TUMOR IS 0.1 CM FROM THE DEEP MARGIN.
 - SEVERAL FOCI OF ATYPICAL DUCTAL HYPERPLASIA (ADH).
- D. BREAST, LEFT, LATERAL, NEEDLE LOCALIZATION EXCISION:
 - INVASIVE DUCTAL CARCINOMA, SBR GRADE 2, WITH MUCINOUS FEATURES.
 - TUMOR MEASURES 0.7 CM.
 - MARGINS, FREE OF TUMOR.
 - ATYPICAL DUCTAL HYPERPLASIA (ADH).

NOTE: The two tumors are morphologically similar.

SYNOPTIC REPORT - BREAST

Specimen Type: Excision

Needle Localization: Yes

Laterality: Left

Invasive Tumor: Present

Multifocality: Yes

WHO CLASSIFICATION

Invasive ductal carcinoma, NOS 8500/3

Tumor size: 1.4cm

Margins: Negative

Tubular Score: 3

Nuclear Grade: 2

Mitotic Score: 1

Modified Scarff Bloom Richardson Grade: 2

Necrosis: Absent

Vascular/Lymphatic Invasion: None identified

Lobular neoplasia: None

Lymph nodes: Sentinel lymph node only

Lymph node status: Positive 1 / 6

Micrometastases: Yes

Non-neoplastic areas: ADH, intraductal papilloma with usual ductal hyperplasia

DCIS not present

ER/PR/HER2 Results

ER: Positive

PR: Positive

HER2: Negative by IHC

Pathological staging (pTN): pT 1c N 1 mi

CLINICAL HISTORY:

None provided

PRE-OPERATIVE DIAGNOSIS:

Left breast carcinoma

INTRAOPERATIVE CONSULTATION:

TPA1-TPA4: SLN #1 left axilla: 4 lymph nodes- Negative for carcinoma.

TPB1-TPB2: SLN #2 left axilla: 2 lymph nodes- Negative for carcinoma.

Diagnoses called to Dr. (A, B) by Dr

Gross Dictation: , ,

Microscopic/Diagnostic Dictation: M.D. Pathologist

Final Review: , M.D., Pathologist,

Final: , M.D., Pathologist

Criteria	Yes	No
Diagnosis Discrepancy		<input checked="" type="checkbox"/>
Primary Tumor Site Discrepancy		<input checked="" type="checkbox"/>
HIPAA Discrepancy		<input checked="" type="checkbox"/>
Prior Malignancy History		<input checked="" type="checkbox"/>
Dual/Synchronous Primary Noted		<input checked="" type="checkbox"/>
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	Date Reviewed: 1/1/11	