

TSS ID

SPECIMENS:

- A. WLE RIGHT BREAST NEEDLE LOCALIZATION
- B. SENTINEL NODE #1
- C. SENTINEL NODE #2
- D. ADDITIONAL LATERAL POSTERIOR MARGIN

100-0-3

Carcinoma, infiltrating ductal, NOS 8500/3
Site: breast, NOS C50.9 2/8/11 JW

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UUID:CC0B1145-B242-45BD-A946-B14BA5A9E923
TCGA-E2-A1IN-01A-PR

Redacted



INTRAOPERATIVE CONSULTATION DIAGNOSIS:

A-WLE right breast: Gross examination only, tumor is 0.8 cm from the nearest superior margin.
TPB/TPC-SLN #1, #2: Touch imprints only, negative for tumor cells.
Diagnoses called by Dr. to Dr. at . (A, B, C).

GROSS DESCRIPTION:

A. WLE RIGHT BREAST NEEDLE LOCALIZATION

Received fresh labeled with the patient's identification and "WLE right breast needle localization" is a previously inked, oriented (single suture-anterior, double suture-lateral) 76 g, 3.7 x 3.6 x 2.9 cm needle localized lumpectomy with radiograph. Ink code: Anterior-yellow, posterior-black, medial-green, lateral-red, inferior-blue, inferior-orange. The specimen is serially sectioned from lateral to medial into 7 slices revealing a 1.8 x 1.3 x 1.1 cm tan, stellate nodule that is closest to the superior margin at 0.8 cm. Tissue is procured. Representatively submitted:

A1-A2: lateral margin, perpendicular sections

A3: slice 2, anterior superior

A4: slice 2, posterior superior

A5: slice 2, posterior superior

A6: slice 2, mid posterior

A7: slice 3, anterior superior (mass)

A8: slice 3, posterior superior (mass)

A9: slice 3, mid anterior (mass)

A10: slice 3, mid posterior (mass)

A11: slice 3, inferior

A12: slice 4, mid anterior (mass)

A13: slice 4, mid posterior (mass)

A14: slice 4, mid inferior

A15: slice 4, posterior

A16: slice 5, anterior

A17: slice 5, inferior

A18: slice 5, posterior

A19: slice 6, superior

A20-A21: slice 6, anterior

A22: slice 6, inferior

A23: slice 6, posterior

A25-A25: medial margin, perpendicular sections

B. SENTINEL LYMPH NODE #1 RIGHT AXILLA

Received fresh labeled with the patient's identification and "SLN #1" is a 1.5 x 0.7 x 0.4 cm lymph node. It is sectioned, a touch prep is performed, lymph node is submitted entirely in cassette B1.

C. SENTINEL LYMPH NODE #2 RIGHT AXILLA

Received fresh labeled with the patient's identification and "SLN #2" it is a 1.7 x 0.3 x 0.1 cm lymph node. It is sectioned, a touch prep is performed, submitted entirely in cassette C1.

D. ADDITIONAL LATERAL POSTERIOR MARGIN

Received fresh labeled with the patient's identification and "additional lateral-posterior margin" is an oriented (suture at final margin) 9 g, 5 x 3 x 1.2 cm fibrofatty tissue. Final margin is inked blue. Serial sectioning reveals no discrete lesions. Entirely submitted in cassettes B1-B8.

DIAGNOSIS:

A. BREAST, RIGHT, WIDE LOCAL EXCISION:

- INVASIVE DUCTAL CARCINOMA, SBR GRADE 3, MEASURING 1.8-CM

- HIGH NUCLEAR GRADE, DUCTAL CARCINOMA IN SITU, SOLID AND CRIBRIFORM TYPES WITH MICROCALCIFICATIONS
- INVASIVE TUMOR PRESENT WITHIN 1-MM FROM INFERIOR SURGICAL RESECTION MARGIN
- LOBULAR CARCINOMA IN SITU
- 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. BREAST, ADDITIONAL LATERAL POSTERIOR MARGIN, EXCISION:
 - BREAST TISSUE, NO TUMOR SEEN.

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: 1.8cm
 Margins: Negative
 Distance from closest margin: Less than 0.1cm
 inferior
 Tubular Score: 3
 Nuclear Grade: 2
 Mitotic Score: 3
 Modified Scarff Bloom Richardson Grade: 3
 Necrosis: Absent
 Vascular/Lymphatic Invasion: None identified
 Lobular neoplasia: LCIS
 Lymph nodes: Sentinel lymph node only
 Lymph node status: Negative 0 / 2

DCIS present
 Margins uninvolved by DCIS
 DCIS Quantity: Estimate 10%
 DCIS Type: Solid
 Cribriform
 DCIS Location: Associated with invasive tumor
 Nuclear grade: High
 Necrosis: Absent
 Location of CA++: DCIS
 Benign epithelium

ER/PR/HER2 Results

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

Pathological staging (pTN): pT 1c N 0
 Pathological staging is based on the AJCC Cancer Staging Manual, 7th Edition
 Distant Metastases (M): MX: Cannot be assessed

CLINICAL HISTORY:

None given

TSS ID

PRE-OPERATIVE DIAGNOSIS:

None given

ADDENDUM:

ONCOTYPE DX BREAST CANCER ASSAY

RESULTS: Recurrence Score: 14

CLINICAL EXPERIENCE: Patients with a recurrence score of: 14 in the clinical validation study
had an average rate of Distant Recurrence at 10 years of 9%

ER Score: 11.3 Positive

PR Score: 9.1 Positive

Her2 Score: 9.1 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

Microscopic/Diagnostic Dictation: , ,

Final Review: , M.D., Pathologist.

Final: M.D., Pathologist, (

Addendum: M.D., Pathologist, (

Addendum 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 Moleu		<input checked="" type="checkbox"/>
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	lu	
Date Reviewed:	1/21	