

ICD. 0-3

Carcinoma, infiltrating duct and lobular

8522/3

12/8/10

TSS:

Path Site code: breast, upper outer quadrant C50.4
CQEF Site: breast, NOS C50.9

SPECIMENS:

- A. WLE LEFT BREAST NEEDLE LOCALIZATION
- B. SENTINEL NODE #1 LEFT AXILLA
- C. MEDIAL MARGIN LEFT BREAST

UUID: DD9FDF38-29CA-4D11-8615-E2EEB5D601D1
TCGA-E2-A15G-01A-PR

Redacted

SPECIMEN(S):

- A. WLE LEFT BREAST NEEDLE LOCALIZATION
- B. SENTINEL NODE #1 LEFT AXILLA
- C. MEDIAL MARGIN LEFT BREAST

INTRAOPERATIVE CONSULTATION DIAGNOSIS:

Part A, Left breast, wide local excision, gross examination: Tumor (at least 3 cm in size) seen at inked green medial margin

TPB, Sentinel lymph node #1, left axilla: Negative for tumor cells

Diagnoses called at ' by Dr

GROSS DESCRIPTION:

A. WLE LEFT BREAST NEEDLE LOCALIZATION

Received fresh labeled with the patient's identification and designated "wide local excision left breast needle localization" is an oriented, previously inked, 63-g, 8 x 5.5 x 3.7 cm needle localized lumpectomy specimen accompanied by two radiographs. The single suture designates anterior, double-lateral. Ink code: Anterior-yellow, posterior-black, medial-green, lateral-red, superior-blue, inferior-orange. The specimen is serially sectioned from medial to lateral into 7 slices revealing firm tan mass (clip in slice 3), 3.5 x 2 x 1.5 cm, located at the medial margin. A second ill-defined hemorrhagic firm area, 1 x 0.9 x 0.6 cm, is identified in slice 6, approximately 1 cm from the mass, and approaches the nearest anterior margin at distance of 0.6-cm. A portion of the specimen is submitted for tissue procurement. The specimen is representatively submitted:

A1-A4: Perpendicular sections medial margin, entirely submitted

A5-A8: Slice 2, entirely submitted, A5-A6 demonstrate mass

A9-A12: Slice 3, entirely submitted, A10 demonstrates clip

A13: Slice 4, posterior/superior

A14: Slice 4, superior/anterior

A15: Slice 4, posterior/inferior

A16: Slice 5, posterior/superior

A17-A18: Slice 6, hemorrhagic firm area submitted entirely

A19-A20: Representative perpendicular sections, lateral margin

B. SENTINEL NODE #1 LEFT AXILLA

Received fresh labeled with the patient's identification and designated "sentinel lymph node number one left axilla" is a tan lymph node measuring 3 x 1.5 x 1 cm. Touch preparations are performed. The entire specimen is submitted, B1-B2.

C. MEDIAL MARGIN LEFT BREAST

Received in formalin labeled with the patient's identification and designated "medial margin left breast" is an oriented (suture at final margin), 6g, 5.5 x 2.5 x 1 cm fragment of fibroadipose tissue. The final margin inked black. The specimen is sectioned and submitted entirely, C1-C5.

DIAGNOSIS:

A. BREAST, LEFT, WIDE LOCAL EXCISION:

- INVASIVE MIXED (DUCTAL/LOBULAR) CARCINOMA, SBR GRADE II, MEASURING 3.5 CM.
 - FOCAL DUCTAL CARCINOMA-IN-SITU, NUCLEAR GRADE 2/3, SOLID AND CRIBRIFORM TYPE WITH MICROCALCIFICATIONS.
 - FIBROADENOMA / FIBROCYSTIC CHANGES.
 - PREVIOUS BIOPSY SITE CHANGES.
- (SEE SYNOPSIS REPORT)

B. LYMPH NODE, SENTINEL #1, LEFT AXILLA, EXCISION:

- ONE REACTIVE LYMPH NODE.
- NO METASTATIC CARCINOMA IS SEEN (0/1).

C. BREAST, LEFT, MEDIAL MARGIN, EXCISION:

- BREAST TISSUE WITH FIBROCYSTIC CHANGES
- NO MALIGNANCY IS SEEN.

SYNOPSIS REPORT - BREAST

Specimens Involved

Specimens: A: WLE LEFT BREAST NEEDLE LOCALIZATION

B: SENTINEL NODE #1 LEFT AXILLA

C: MEDIAL MARGIN LEFT BREAST

Specimen Type: Excision
Needle Localization: Yes - For mass

Laterality: Left

Invasive Tumor: Present

Multifocality: No

WHO CLASSIFICATION

Invasive ductal carcinoma, NOS 8500/3

Mixed type carcinoma

Tumor size: 3.5cm

Additional dimensions: 2cm x 1.5cm

Tumor Site: Upper outer quadrant

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: Negative 0 / 1

Micrometastases: No

DCIS present

Margins uninvolved by DCIS

DCIS Quantity: Estimate 2%

DCIS Type: Solid

Cribriform

DCIS Location: Associated with invasive tumor

Nuclear grade: Intermediate

Necrosis: Absent

Location of CA++: DCIS

Stroma

ER/PR/HER2 Results

ER: Positive

PR: Positive

HER2: Negative by IHC

Performed on Case: outside slides (our consultation report)

Pathological staging (pTN): pT 2 N 0

CLINICAL HISTORY:

Invasive carcinoma, UOQ left breast, with enhancement patient for intraductal extension going anteriorly

PRE-OPERATIVE DIAGNOSIS:

Invasive carcinoma

ADDENDUM:

ONCOTYPE DX BREAST CANCER ASSAY

RESULTS: Recurrence Score: 4

CLINICAL EXPERIENCE: Patients with a recurrence score of: 4 in the clinical validation study had an average rate of Distant Recurrence at 10 years of 5%

ER Score: 11.5 Positive

PR Score: 9.9 Positive

Her2 Score: 8.8 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 Review: Pathologist,
Final: Pathologist,
Addendum: Pathologist,
Addendum Final: Pathologist.

Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
IIPAA Discrepancy		
Prior Malignancy History		
Local/Synchronous Primary Noted		
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	Date Reviewed:	