

TSS

ICD-0-3
carcinoma, infiltrating lobular mixed w/ other types (tubulolobular)
8524/3
Path Site Code: breast, upper outer quadrant C50.4
CQCF: breast, NOS C50.9
K: 3265
9/19/14

TSS:

SPECIMENS:

- A. SENTINEL LYMPH NODE #1 RIGHT BREAST
- B. SENTINEL LYMPH NODE #2 RIGHT BREAST
- C. RIGHT BREAST
- D. SENTINEL LYMPH NODE #1 LEFT AXILLA
- E. SENTINEL LYMPH NODE #2 LEFT AXILLA
- F. LEFT BREAST

SPECIMEN(S):

- A. SENTINEL LYMPH NODE #1 RIGHT BREAST
- B. SENTINEL LYMPH NODE #2 RIGHT BREAST
- C. RIGHT BREAST
- D. SENTINEL LYMPH NODE #1 LEFT AXILLA
- E. SENTINEL LYMPH NODE #2 LEFT AXILLA
- F. LEFT BREAST

GROSS DESCRIPTION:

A. SENTINEL LYMPH NODE #1 RIGHT BREAST

Received fresh are three tan pink lymph nodes all 1cm in greatest dimension. Three touch preps are taken.

A1: one lymph node

A2: one lymph node

A3: one lymph node

B. SENTINEL LYMPH NODE #2 RIGHT BREAST

Received fresh is a tan pink lymph node 2 x 0.7 x 0.5 cm. The specimen is sectioned. A touch prep is taken. Toto B1.

C. RIGHT BREAST

Received fresh labeled with the patient's identification and designated "right breast" is a 110 g, 13 x 10 x 3.5 cm, oriented (suture in axilla), mastectomy with pink-tan 10.5 x 5.4 cm skin ellipse with 3.2 cm linear scar and everted 0.8 cm diameter nipple. Ink code: Posterior-black, anterior/superior-blue, anterior/inferior-orange. The specimen is serially sectioned from lateral to medial into 9 slices revealing a hemorrhagic firm biopsy cavity, 2.5 x 2 x 1.6 cm (slices 5-6) at 12:00, 0.1 cm from the deep margin and 0.2 cm from anterior (superior). Located adjacent and superior to the biopsy cavity (12:00, slices 5-6) is an 1.7 x 1.2 x 0.8 cm ill-defined firm lesion that is 0.1 cm from the anterior margin and 0.3 cm from the deep margin. Tissue is procured. Representatively submitted:

C1-C2: Nipple

C3: Skin

C4-C5: Representative sections, upper outer quadrant

C6: Slice 5, 12 o'clock, lesion

C7-C9: Slice 5, biopsy cavity, 12 o'clock

C10: Slice 6, lesion, 12 o'clock

C11-C13: Slice 6, biopsy cavity, 12 o'clock

C14: Representative section, upper inner quadrant, slice 7

C15: Representative section, lower inner quadrant, slice 7

C16: Representative section, lower outer quadrant, slice 3

C17: Possible lymph nodes

D. SENTINEL LYMPH NODE #1 LEFT AXILLA

Received fresh are two tan pink lymph nodes 1.2cm and 0.4cm in greatest dimension. Two touch preps are taken.

D1: one lymph node

D2: one lymph node

E. SENTINEL LYMPH NODE #2 LEFT AXILLA

Received fresh are two tan pink lymph nodes 2cm and 1cm in greatest dimension. Two touch preps are taken.

E1: one lymph node

E2: one lymph node

F. LEFT BREAST

Received fresh labeled with the patient's identification and "left breast" is a 96g, 15 x 11 x 2cm oriented (stitch in axilla) simple mastectomy with attached 11 x 4cm tan pink skin ellipse and 0.6cm everted nipple. The skin surface is remarkable for a well healed subareolar scar 1.8cm, 2cm inferior to the

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TCGA-E2-A1BC-01A-PR

Redacted



nipple in the LIQ-LC. Ink code: anterior-superior: blue, anterior-inferior: orange, posterior-black. The specimen is serially sectioned from medial to lateral into 9 slices with nipple in slice 4, revealing a 1.6 x 1.1 x 1cm tan white firm ill defined mass, 0.3cm from the anterior-inferior margin and 0.5cm from the deep margin corresponding to the scar on the skin surface in the LC of slice 4. Representatively submitted:

- F1: nipple slice 4
- F2: UIQ slice 2
- F3: LIQ with scar slice 2
- F4: UIQ slice 3
- F5: LIQ slice 3
- F6: UC slice 4
- F7: LC anterior margin slice 4
- F8-F9: mass with deep margin slice 4
- F10-F11: LOQ slice 5
- F12: UOQ slice 5
- F13: LOQ slice 6
- F14: UOQ slice 6
- F15: UOQ slice 7

DIAGNOSIS:

- A. SENTINEL LYMPH NODE 1, RIGHT AXILLA, BIOPSY:
 - THREE LYMPH NODES, NO TUMOR SEEN (0/3).
- B. SENTINEL LYMPH NODE 2, RIGHT AXILLA, BIOPSY:
 - ONE LYMPH NODE, NO TUMOR SEEN (0/1).
- C. BREAST, RIGHT, MASTECTOMY:
 - INVASIVE TUBULOLOBULAR CARCINOMA, SBR GRADE 1.
 - TUMOR MEASURES 1.1 CM.
 - TUMOR INVOLVES THE SKELETAL MUSCLE.
 - TUMOR IS PRESENT AT THE ANTERIOR MARGIN AND IS WITHIN 0.1 CM OF THE DEEP MARGIN AT ~ 12:00.
 - PREVIOUS BIOPSY SITE CHANGES PRESENT.
 - SKIN AND NIPPLE, NO TUMOR SEEN.

NOTE: The tumor measured 1.8 cm in the previous excision

- D. SENTINEL LYMPH NODE 1, LEFT AXILLA, BIOPSY:
 - TWO LYMPH NODES, NO TUMOR SEEN (0/2).
- E. SENTINEL LYMPH NODE 2, LEFT AXILLA, BIOPSY:
 - TWO LYMPH NODES, NO TUMOR SEEN (0/2).
- F. BREAST, LEFT, MASTECTOMY:
 - INVASIVE TUBULOLOBULAR CARCINOMA, SBR GRADE 1.
 - TUMOR MEASURES 0.9 CM.
 - TUMOR IS WITHIN MICRONS OF THE ANTERIOR MARGIN AND IS 0.2 CM FROM THE DEEP MARGIN IN THE LOWER CENTRAL AREA.
 - PREVIOUS BIOPSY SITE CHANGES PRESENT.
 - SKIN AND NIPPLE, NO TUMOR SEEN.
 - ONE INTRAMAMMARY LYMPH NODE, NO TUMOR SEEN (0/1).

SYNOPTIC REPORT - BREAST

Specimens Involved

Specimens: A: SENTINEL LYMPH NODE #1 RIGHT BREAST
 B: SENTINEL LYMPH NODE #2 RIGHT BREAST
 C: RIGHT BREAST

Specimen Type: Mastectomy

Needle Localization: No
Laterality: Right
Invasive Tumor: Present
Multifocality: No
WHO CLASSIFICATION
Invasive ductal carcinoma, NOS 8500/3
Tumor size: 1.8cm
Tumor Site: 12:00
Margins: Involved at
anterior
Extent:: 0.2 cm
Tubular Score: 2
Nuclear Grade: 1
Mitotic Score: 1
Modified Scarff Bloom Richardson Grade: 1
Necrosis: Absent
Vascular/Lymphatic Invasion: None identified
Lobular neoplasia: None
Lymph nodes: Sentinel lymph node
Lymph node status: Negative 0 / 4

DCIS not present

ER/PR/HER2 Results

ER: Positive
PR: Positive
HER2: Negative by IHC

Pathological staging (pTN): pT 1c N 0
Pathological staging is based on the AJCC Cancer Staging Manual, 7th Edition

SYNOPTIC REPORT - BREAST

Specimens Involved
Specimens: D: SENTINEL LYMPH NODE #1 LEFT AXILLA
E: SENTINEL LYMPH NODE #2 LEFT AXILLA
F: LEFT BREAST

Specimen Type: Mastectomy
Needle Localization: No
Laterality: Left
Invasive Tumor: Present
Multifocality: No
WHO CLASSIFICATION
Invasive ductal carcinoma, NOS 8500/3
Tumor size: 1.5cm
Tumor Site: lower central
Margins: Negative
Tubular Score: 2
Nuclear Grade: 1
Mitotic Score: 1
Modified Scarff Bloom Richardson Grade: 1
Necrosis: Absent
Vascular/Lymphatic Invasion: None identified
Lobular neoplasia: None
Lymph nodes: Sentinel lymph node
Non-sentinel lymph node
Lymph node status: Negative 0 / 5

DCIS not present

ER/PR/HER2 Results

TSS:

ER: Positive
PR: Positive
HER2: Negative by FISH

Pathological staging (pTN): pT 1c N 0
Pathological staging is based on the AJCC Cancer Staging Manual, 7th Edition

CLINICAL HISTORY:

Bilateral invasive breast cancer with prior surgical excisions

PRE-OPERATIVE DIAGNOSIS:

Bilateral breast cancer

INTRAOPERATIVE CONSULTATION:

TPA-TPB: SLN #1-#2-Right axilla: Negative for tumor.

TPD-TPE: SLN #1-#2-Left axilla: Negative for tumor.

Diagnoses called to Dr by Dr.

Gross Dictation..

Microscopic/Diagnostic Dictation:., Pathologist

Final Review: Pathologist,

Final: Pathologist,

Criteria	Yes	No
Diagnosis Discrepancy		/
Primary Tumor Site Discrepancy		/
HIPAA Discrepancy		/
Prior Malignancy History		/
Dual/Synchronous Primary Noted		/
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	Date Reviewed: 9/15/14	