



ICD-0-3

carcinoma, infiltrating duct, NOS 8500/3
Site: breast, NOS 850.9 lw 11/25/12

SPECIMEN(S): A. SENTINEL NODE #1 RIGHT AXILLA
B. SENTINEL NODE #2 RIGHT AXILLA
C. RIGHT BREAST
D. SENTINEL LYMPH NODE #3 RIGHT AXILLA
E. RIGHT BREAST SKIN

CLINICAL HISTORY:

Right breast lower inner quadrant @ 4:00 position – 2.3cm invasive ductal carcinoma.

PRE-OPERATIVE DIAGNOSIS:

None Given

INTRAOPERATIVE CONSULTATION:

TPA: sentinel node #1 right axilla- Negative for carcinoma. Diagnosis called to Dr. at by Dr.

TPB1-TPB2: sentinel node #2 right axilla- Negative for carcinoma. Diagnosis called to Dr. at by Dr.

DIAGNOSIS:

A. LYMPH NODE, SENTINEL #1, RIGHT AXILLA, EXCISION:
- METASTATIC CARCINOMA TO ONE OF ONE LYMPH NODE (1/1),
MEASURING 0.05-CM (MICROMETASTASES), WITHOUT EXTRANODAL
EXTENSION, SEE NOTE.

B. LYMPH NODES, SENTINEL #2, RIGHT AXILLA, EXCISION:
- TWO LYMPH NODES, NEGATIVE FOR METASTASES (0/2).

C. BREAST, RIGHT, MASTECTOMY:
- INVASIVE DUCTAL CARCINOMA, SBR GRADE 1, MEASURING 1.5 CM
- INTERMEDIATE NUCLEAR GRADE, DUCTAL CARCINOMA IN SITU,
SOLID, CRIBRIFORM AND MICROPAPILLARY TYPES, WITH
MICROCALCIFICATIONS AND CENTRAL NECROSIS
- DCIS WITHIN 1 MM OF ANTERIOR INFERIOR SURGICAL MARGIN
- SURGICAL RESECTION MARGINS NEGATIVE FOR INVASIVE TUMOR
- LOBULAR CARCINOMA IN SITU
- BIOPSY SITE CHANGES WITH FIBROSIS, GRANULATION TISSUE,
AND FAT NECROSIS
- SEE SYNOPTIC REPORT.

D. LYMPH NODES, SENTINEL #3, RIGHT AXILLA, EXCISION:
- FOUR LYMPH NODES, NEGATIVE FOR METASTASES (0/4).

E. SKIN, LEFT BREAST, RECONSTRUCTION:
- SKIN TISSUE, NO TUMOR SEEN.

NOTE: The touch preparation of sentinel lymph node #1 is reviewed, no tumor cells identified. Therefore, the false negativity is due to sampling variability.

SYNOPTIC REPORT - BREAST

Specimen Type: Mastectomy

Needle Localization: No

Laterality: Right

Invasive Tumor: Present

Multifocality: No

WHO CLASSIFICATION

Invasive ductal carcinoma, NOS 8500/3

Tumor size: 1.5cm

Tumor Site: Lower inner quadrant

Tubular Score: 2

Nuclear Grade: 1

Mitotic Score: 1

Modified Scarff Bloom Richardson Grade: 1

Necrosis: Absent

Vascular/Lymphatic Invasion: None identified

Lobular neoplasia: LCIS

Lymph nodes: Sentinel lymph node

Lymph node status: Positive 1 / 7

Micrometastases: Yes

DCIS present

Margins uninvolved by DCIS Within 1mm of anterior inferior margin

DCIS Quantity: Estimate 30%

DCIS Type: Solid

Cribriform

Micropapillary

DCIS Location: Associated with invasive tumor

Nuclear grade: Intermediate

Necrosis: Present

Location of CA++: DCIS

ER/PR/HER2 Results

ER: Positive

PR: Positive

HER2: Negative by FISH

Performed on Case:

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

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

GROSS DESCRIPTION:

A. SENTINEL NODE #1 RIGHT AXILLA

Received fresh for frozen section labeled with the patient's identification and 'sentinel node #1 right axilla' is a tan pink lymph node 0.7 x 0.7 x 0.5cm. The specimen is serially sectioned and a touch prep is taken. Toto A1.

B. SENTINEL NODE #2 RIGHT AXILLA

Received fresh for frozen section labeled with the patient's identification and 'sentinel node #2 right axilla' are two tan pink lymph nodes 2 x 1.2 x 0.7cm and 0.6 x 0.3 x 0.3cm. The specimens are serially sectioned and two touch preps are taken.

B1: one lymph node

B2: one lymph node

C. RIGHT BREAST

Received fresh labeled with the patient's identification and "right breast" is a 160g, 15 x 14 x 3.5cm oriented (stitch in axilla) simple mastectomy with attached 8 x 3cm tan brown skin ellipse and 0.9cm everted nipple. 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 3, revealing a 2.1 x 1.6 x 1.5cm tan white firm well circumscribed mass, 0.7cm from the closest anterior-inferior margin and 1.2cm from the deep margin in the LIQ of slices 4-5. A biopsy clip is identified in the LIQ of slice 5. A portion of the specimen is submitted for tissue procurement. Representatively submitted:

C1: nipple slice 3

C2: UOQ slice 1

C3: LOQ slice 1

C4: UOQ slice 2

C5: LOQ slice 2

C6: UC slice 3

C7: LC slice 3

C8: UIQ slice 4

C9-C10: mass LIQ with anterior-inferior margin slice 4

C11: deep margin and skin LIQ slice 4

C12: mass LIQ with anterior-inferior margin with clip ID slice 5

C13: UIQ slice 5

C14: LIQ slice 6

D. SENTINEL LYMPH NODE #3 RIGHT AXILLA

Received fresh labeled with the patient's identification and 'sentinel node #3 right axilla' are four tan pink lymph nodes ranging from 0.9 x 0.6 x 0.3cm to 0.5 x 0.5 x 0.5cm. Toto D1.

E. LEFT BREAST SKIN

Received in formalin labeled with the patient identification and designated "left breast skin" is a tan-white in fragment, 22 x 1.4 x 0.6 cm. Serial sectioning reveals no discrete lesions. Representatively submitted in E1-E2.

Criteria	Yes	No
Diagnosis Discrepancy		/
Primary Tumor Site Discrepancy		/
HPV Discrepancy		/
Prior Malignancy History		/
Distal/Synchronous Primary Noted		/
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	W	11/25/12