

PATIENT HISTORY:

CHIEF COMPLAINT/ PRE-OP/ POST-OP DIAGNOSIS: -year-old female with breast ca. Left invasive ductal ca with 4.0 cm of calcification/MCIS R UOQ inv tubular CA with LCIS.

LMP DATE:

PROCEDURE: Bilateral total mastectomies, bilateral SNBs, insertion bilateral tissue expanders.

SPECIFIC CLINICAL QUESTION: Not answered.

OUTSIDE TISSUE DIAGNOSIS: Not answered.

PRIOR MALIGNANCY: Not answered.

CHEMORADIATION THERAPY: Not answered.

OTHER DISEASES: Not answered.

CASE SYNOPSIS:**SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST**

LATERALITY: Left
PROCEDURE: Simple mastectomy
LOCATION: Upper outer quadrant
Lower outer quadrant
SIZE OF TUMOR: Maximum dimension invasive component: 28 mm
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No
TUMOR TYPE (invasive component): Ductal adenocarcinoma, NOS
NOTTINGHAM SCORE: Nuclear grade: 2
Tubule formation: 1
Mitotic activity score: 1
Total Nottingham score: 4
Nottingham grade (1, 2, 3): 1
ANGIOLYMPHATIC INVASION: No
DERMAL LYMPHATIC INVASION: No
CALCIFICATION: Yes, benign zones
Yes, malignant zones
Cribiform
TUMOR TYPE, IN SITU: Micropapillary
SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT: No
Distance of invasive tumor to closest margin: 9 mm
SURG MARGINS INVOLVED BY IN SITU COMPONENT: No
LYMPH NODES POSITIVE: 0
LYMPH NODES EXAMINED: 1
METHOD(S) OF LYMPH NODE EXAMINATION: H/E stain
T STAGE, PATHOLOGIC: pT2
N STAGE MODIFIER: (sn)
N STAGE, PATHOLOGIC: pN0
M STAGE: Not applicable
ESTROGEN RECEPTORS: positive
PROGESTERONE RECEPTORS: positive
HER2/NEU: 1+

ICD-0-3

Carcinoma, infiltrating duct, NOS
8500/3
Site: breast, NOS C50.9
10/15/11

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right
PROCEDURE: Simple mastectomy
LOCATION: Upper outer quadrant
Lower outer quadrant
SIZE OF TUMOR: Maximum dimension invasive component: 11 mm
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No
TUMOR TYPE (Invasive component): Ductal adenocarcinoma, NOS
NOTTINGHAM SCORE: Nuclear grade: 2
Tubule formation: 1
Mitotic activity score: 1
Total Nottingham score: 4
Nottingham grade (1, 2, 3): 1
ANGIOLYMPHATIC INVASION: No
DERMAL LYMPHATIC INVASION: No
CALCIFICATION: Yes, benign zones
LCIS
TUMOR TYPE, IN SITU: LCIS
SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT: No
Distance of invasive tumor to closest margin: 26 mm
LYMPH NODES POSITIVE: 0
LYMPH NODES EXAMINED: 1
METHOD(S) OF LYMPH NODE EXAMINATION: H/E stain
T STAGE, PATHOLOGIC: pT1c
N STAGE MODIFIER: (sn)
N STAGE, PATHOLOGIC: pN0
M STAGE: Not applicable
ESTROGEN RECEPTORS: positive
PROGESTERONE RECEPTORS: positive
HER2/NEU: 1+

UUID: 0C158269-A420-4E71-9E59-8775FB260848
TCGA-BH-A0W4-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
HIPAA Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary Notes		
Case is (circle): QUALIFIED / DISQUALIFIED		
Reviewer Initials	10/15/11	

FINAL DIAGNOSIS:

PART 1: LEFT AXILLARY SENTINEL LYMPH NODE #1, BIOPSY –
ONE LYMPH NODE, NEGATIVE FOR NEOPLASM (0/1).

PART 2: RIGHT AXILLARY SENTINEL LYMPH NODE #1, BIOPSY –
ONE LYMPH NODE, NEGATIVE FOR NEOPLASM (0/1).

PART 3: LEFT BREAST, TOTAL MASTECTOMY –

- A. INVASIVE DUCTAL CARCINOMA, NOTTINGHAM GRADE 1 (NUCLEAR GRADE: 2, TUBULE SCORE: 1, MITOTIC ACTIVITY: 1; TOTAL SCORE: 4/9).
- B. TUMOR MEASURES 2.8 CM, AND IS IN THE OUTER QUADRANTS AT APPROXIMATELY 3 O'CLOCK.
- C. NO LYMPHOVASCULAR SPACE INVASION.
- D. DUCTAL CARCINOMA IN SITU (DCIS), NUCLEAR GRADE 2, CRIBRIFORM AND MICROPAPILLARY TYPES.
- E. MARGINS ARE NEGATIVE FOR NEOPLASM; CARCINOMA APPROACHES MOST CLOSELY TO THE ANTERIOR MARGIN (0.9 CM).
- F. CALCIFICATIONS ASSOCIATED WITH MALIGNANT AREAS AND WITH BENIGN AREAS.
- G. RADIAL SCAR.
- H. SCLEROSING ADENOSIS AND FIBROCYSTIC CHANGES.
- I. CHANGES CONSISTENT WITH PREVIOUS BIOPSY SITE.
- J. NIPPLE SKIN IS NEGATIVE FOR NEOPLASM.
- K. TUMOR CELLS (LEFT BREAST) PREVIOUSLY REPORTED TO BE POSITIVE FOR ER AND PR, NEGATIVE FOR HER-2 AND TO HAVE A LOW KI-67 INDEX
- L. PATHOLOGIC STAGE: pT2 pN0 pMX.

PART 4: RIGHT BREAST, TOTAL MASTECTOMY –

- A. INVASIVE DUCTAL CARCINOMA WITH TUBULAR FEATURES, NOTTINGHAM GRADE 1 (NUCLEAR GRADE 2, TUBULE SCORE 1, MITOTIC ACTIVITY 1, TOTAL SCORE 4/9).
- B. TUMOR MEASURES 1.1 CM AND IS LOCATED APPROXIMATELY AT 9 O'CLOCK.
- C. NO LYMPHOVASCULAR SPACE INVASION.
- D. MARGINS ARE NEGATIVE FOR NEOPLASM; CARCINOMA APPROACHES MOST CLOSELY TO THE ANTERIOR MARGIN (2.6 CM).
- E. LOBULAR CARCINOMA IN-SITU (LCIS).
- F. ATYPICAL DUCTAL HYPERPLASIA AND FLAT EPITHELIAL ATYPIA.
- G. RADIAL SCAR.
- H. BIOPSY SITE CHANGES.
- I. FIBROCYSTIC CHANGES, ASSOCIATED CALCIFICATIONS, AND SCLEROSING ADENOSIS.
- J. NIPPLE SKIN IS NEGATIVE FOR NEOPLASM.
- K. TUMOR CELLS (RIGHT BREAST) PREVIOUSLY REPORTED TO BE POSITIVE FOR ER AND PR, NEGATIVE FOR HER-2, AND TO HAVE A LOW KI-67 INDEX
- L. PATHOLOGIC STAGE pT1c pN0 MX.

PART 5: LEFT ADDITIONAL BREAST SKIN, EXCISION –

SKIN AND ATTACHED BREAST TISSUE, NEGATIVE FOR NEOPLASM.

PART 6: RIGHT ADDITIONAL BREAST SKIN, EXCISION –

SKIN AND ATTACHED BREAST TISSUE, NEGATIVE FOR NEOPLASM.

Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
HIPAA Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary Notes		
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	7/10	7/10
Date Reviewed	7/10	7/10