

FINAL DIAGNOSIS:

PART 1: LYMPH NODE, LEFT AXILLARY SENTINEL NODE #1, BIOPSY -
TWO SENTINEL LYMPH NODES, NEGATIVE FOR CARCINOMA (0/2).

PART 2: LYMPH NODE, LEFT AXILLARY SENTINEL NODE #2, BIOPSY -
TWO SENTINEL LYMPH NODES, NEGATIVE FOR CARCINOMA (0/2).

PART 3: BREAST, LEFT, 12 O'CLOCK SEGMENTAL MASTECTOMY -

- A. INFILTRATING MAMMARY CARCINOMA, WITH MIXED DUCTAL AND LOBULAR PHENOTYPES, NOTTINGHAM GRADE 2/3 (TUBULE FORMATION: 3, NUCLEAR PLEOMORPHISM: 3, MITOTIC ACTIVITY: 1, TOTAL SCORE: 7/9).
- B. THE INVASIVE CARCINOMA MEASURES 1.9 CM IN GREATEST DIMENSION (GROSS MEASUREMENT).
- C. DUCTAL CARCINOMA IN SITU (DCIS), NUCLEAR GRADE 2, SOLID TYPE.
- D. DCIS CONSTITUTES LESS THAN 5% OF THE TOTAL TUMOR MASS, AND IS PRESENT ADMIXED WITH THE INVASIVE CARCINOMA.
- E. SURGICAL MARGINS ARE NEGATIVE FOR INFILTRATING CARCINOMA AND DCIS. INFILTRATING CARCINOMA IS 0.3 CM FROM THE CLOSEST POSTERIOR MARGIN (3I).
- F. NO LYMPHOVASCULAR INVASION IDENTIFIED.
- G. FOCAL DUCTAL EPITHELIAL HYPERPLASIA.
- H. PREVIOUS BIOPSY SITE CHANGES.
- I. FIBROCYSTIC CHANGES WITH APOCRINE HYPERPLASIA AND SCLEROSING ADENOSIS.
- J. IMMUNOSTAIN FOR ESTROGEN RECEPTOR IS POSITIVE. PROGESTERONE RECEPTOR IS POSITIVE.

CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Left
PROCEDURE: Segmental
LOCATION: Upper outer quadrant
SIZE OF TUMOR: Maximum dimension invasive component: 1.9 cm
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No

TUMOR TYPE (invasive component):

Ductal adenocarcinoma, NOS, Infiltrating lobular carcinoma

HISTOLOGIC TYPE:

Classical

NOTTINGHAM SCORE:

Nuclear grade: 3
Tubule formation: 3
Mitotic activity score: 1
Total Nottingham score: 7
Nottingham grade (1, 2, 3): 2

1CB-0-3

carcinoma, infiltrating ductal and lobular, NOS
8522/3

ANGIOLYMPHATIC INVASION:

No

DERMAL LYMPHATIC INVASION:

Not applicable

CALCIFICATION:

No

TUMOR TYPE, IN SITU:

Solid, DCIS admixed with invasive carcinoma

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No

SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No

LYMPH NODES POSITIVE:

0

LYMPH NODES EXAMINED:

4

METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain

SENTINEL NODE METASTASIS:

No

NON-NEOPLASTIC BREAST TISSUE:

FCD

T STAGE, PATHOLOGIC:

pT1c

N STAGE, PATHOLOGIC:

pN0

M STAGE, PATHOLOGIC:

pMX

ESTROGEN RECEPTORS:

positive

PROGESTERONE RECEPTORS:

negative

HER2/NEU:

zero or 1+

COMMENT:

The invasive carcinoma show features of lobular carcinoma in H&E sections. The immunohistochemical stains for E-cadherin and P120 indicate that some tumors cells show the pattern of ductal carcinoma (membranous stains for E-cadherin and P120), and some tumors show the pattern of lobular carcinoma (weak stain for E-cadherin and strong and diffuse cytoplasmic stain for P120).

UUID: 3A54CF6E-AFDB-4609-A827-77D75BB376A7
TCGA-BH-A0C3-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
HPAA Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary Noted		
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	205	
Date Reviewed	3/15/11	

hw 3/13/11