

FINAL DIAGNOSIS:

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

PART 2: BREAST, LEFT, TOTAL MASTECTOMY -

- A. TWO FOCI OF INVASIVE DUCTAL CARCINOMA, NOTTINGHAM GRADE 2 (TUBULE FORMATION 3, NUCLEAR GRADE 2, MITOTIC RATE 1; TOTAL SCORE 6/9) WITH ASSOCIATED MICROCALCIFICATIONS.
- B. THE FIRST FOCUS MEASURES 2.0 CM AND IS PRESENT AT 3 O'CLOCK POSITION AT THE JUNCTION OF LOWER OUTER AND UPPER OUTER QUADRANTS.
- C. THE SECOND FOCUS MEASURES 0.15 CM (1.5 MM) AND IS PRESENT IN THE LOWER OUTER QUADRANT.
- D. NO LYMPHOVASCULAR SPACE INVASION IS SEEN.
- E. DUCTAL CARCINOMA IN SITU (DCIS), NUCLEAR GRADE 2, SOLID AND CRIBRIFORM TYPE WITH COMEDO NECROSIS AND ASSOCIATED MICROCALCIFICATIONS.
- F. DCIS IS PRESENT ADMIXED AND OUTSIDE OF INVASIVE CARCINOMA AND COMPRISES APPROXIMATELY 70% OF TOTAL TUMOR VOLUME.
- G. DCIS IS SEEN IN ELEVEN OUT OF TWENTY SLIDES IN THE UPPER OUTER AND LOWER OUTER QUADRANTS.
- H. INKED MARGINS OF RESECTION ARE NEGATIVE FOR CARCINOMA.
- I. INVASIVE AND IN SITU CARCINOMA LESS THAN 1 MM AWAY FROM THE CLOSEST DEEP MARGIN (AT 3 O'CLOCK POSITION, LOWER OUTER QUADRANT).
- J. ATYPICAL DUCTAL HYPERPLASIA.
- K. FIBROCYSTIC CHANGES WITH BENIGN EPITHELIAL CALCIFICATIONS.
- L. SKIN AND NIPPLE, NEGATIVE FOR TUMOR.
- M. BIOPSY SITE CHANGES (see comment).
- N. INVASIVE TUMOR CELLS ARE POSITIVE FOR ESTROGEN RECEPTOR, NEGATIVE FOR PROGESTERONE RECEPTOR. AND POSITIVE FOR HER-2/NEU WITH A SCORE OF 3+, AS PER PREVIOUS PATHOLOGY REPORT (

PART 3: LEFT AXILLARY SENTINEL LYMPH NODE #2, BIOPSY -
ONE LYMPH NODE, NEGATIVE FOR METASTATIC CARCINOMA (0/1).

PART 4: LEFT AXILLARY SENTINEL LYMPH NODE #3, BIOPSY -
ONE LYMPH NODE, NEGATIVE FOR METASTATIC CARCINOMA (0/1).

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: 2.0 cm

MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI:

Yes

TUMOR AGGREGATE SIZE:

Sum of the sizes of multiple invasive tumors: 2.15 cm

TUMOR TYPE (invasive component):

Ductal adenocarcinoma, NOS

NOTTINGHAM SCORE:

Nuclear grade: 2

Tubule formation: 3

Mitotic activity score: 1

Total Nottingham score: 6

Nottingham grade (1, 2, 3): 2

ANGIOLYMPHATIC INVASION:

No

DERMAL LYMPHATIC INVASION:

No

CALCIFICATION:

Yes, malignant zones

TUMOR TYPE, IN SITU:

CRIBRIFORM

Solid

DCIS admixed and outside of invasive carcinoma component

Percent of tumor occupied by in situ component: 70 %

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No

Distance of invasive tumor to closest margin: 1 mm

SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No

Distance of in situ disease to closest margin: 1 mm

LYMPH NODES POSITIVE:

0

LYMPH NODES EXAMINED:

3

METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain

T STAGE, PATHOLOGIC:

pT1c

N STAGE, PATHOLOGIC:

pN0

M STAGE, PATHOLOGIC:

pMX

ESTROGEN RECEPTORS:

positive

PROGESTERONE RECEPTORS:

negative

HER2/NEU:

3+

1CD-0-3

carcinoma, infiltrating ductal, nos 8500/3
Site: breast, nos C50.9 3/13/11

UUID: E57B4989-102F-44FD-8FB2-0627143FA904
TCGA-BH-A0HY-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
HIPAA Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary: None		
Case is (circle):		
Reviewer: Initials		
Date Reviewed: 3/13/11		