

FINAL DIAGNOSIS:

PART 1: LEFT AXILLA, SENTINEL NODE # 1, excision -
ONE LYMPH NODE (0/1), NEGATIVE FOR TUMOR.

PART 2: BREAST, LEFT, TOTAL MASTECTOMY -

- A. TWO SEPARATE FOCI OF INVASIVE DUCTAL CARCINOMA.
- B. LARGER INVASIVE DUCTAL CARCINOMA, 2.2 CM, NOTTINGHAM SCORE 6/9 (TUBULES 3, NUCLEAR GRADE 2, MITOSIS 1). LOCATED IN THE LOWER OUTER QUADRANT AT THE 4 :00 O' CLOCK POSITION.
- C. ANGIOLYMPHATIC INVASION NOT SEEN (See comment).
- D. PERINEURAL INVOLVEMENT PRESENT.
- E. TUMOR IS 0.3 CM FROM CLOSEST POSTERIOR MARGIN.
- F. SMALLER INVASIVE DUCTAL CARCINOMA, 1.3 CM, NOTTINGHAM SCORE 7/9 (TUBULES 3, NUCLEAR GRADE 2, MITOSIS 1), LOCATED 4.0 CM ANTERIORLY.
- G. DUCTAL CARCINOMA IN SITU, SOLIDTYPE, NUCLEAR GRADE 2-3, REPRESENTING 10% OF TUMOR VOLUME.
- H. ANGIOLYMPHATIC INVASION NOT SEEN.
- I. ALL MARGINS ARE FREE OF TUMOR.
- J. CHANGES CONSISTENT WITH BIOPSY SITE.
- K. SKIN AND NIPPLE, FREE OF TUMOR.
- L. FIBROCYSTIC CHANGES WITH ATYPICAL DUCTAL EPITHELIAL HYPERPLASIA ASSOCIATED WITH MICROCALCIFICATIONS.

CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Left
PROCEDURE: Simple mastectomy
LOCATION: Lower outer quadrant
SIZE OF TUMOR: Maximum dimension invasive component: 2.2 cm
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: Yes

TUMOR AGGREGATE SIZE: Sum of the sizes of multiple invasive tumors: 3.5 cm
TUMOR TYPE (invasive component):

NOTTINGHAM SCORE: Ductal adenocarcinoma, NOS
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, benign zones
TUMOR TYPE, IN SITU: Solid

DCIS admixed with invasive carcinoma
Percent of tumor occupied by in situ component: 10 %
SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT: No

SURG MARGINS INVOLVED BY IN SITU COMPONENT: Distance of invasive tumor to closest margin: 0.3 mm

PAGE 1 3 DISEASE OF NIPPLE: No

LYMPH NODES POSITIVE: No

LYMPH NODES EXAMINED: 0

METHOD(S) OF LYMPH NODE EXAMINATION: 1

SENTINEL NODE METASTASIS: H/E stain

ONLY KERATIN POSITIVE CELLS ARE PRESENT: No

METASTASES TO IPSILATERAL INTERNAL MAMMARY LYMPH NODE (IF APPLICABLE): No

SKIN INVOLVED (ULCERATION): No
NON-NEOPLASTIC BREAST TISSUE: ADH, FCD

T STAGE, PATHOLOGIC: pT2

N STAGE, PATHOLOGIC: pN0

M STAGE, PATHOLOGIC: pMX

ESTROGEN RECEPTORS: positive

PROGESTERONE RECEPTORS: positive

HER2/NEU: zero or 1+

ICD-0-3

Carcinoma, infiltrating ductal, NOS 8500/3

Site: breast, NOS C50.9 3/13/11 hr

UUID:06905BD3-4D17-4625-8631-46C81D18478
TCGA-BH-A0AY-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
IPAA Discrepancy		
Prior Malignancy History		
Sub/Synchronous Primary Noted		
Case in (circle):		
Reviewer Initials		
Date Reviewed	3/15/11	

3/13/11