

# FINAL DIAGNOSIS:

PART 1: AXILLARY SENTINEL NODE #1, RIGHT, BIOPSY -  
ONE LYMPH NODE, NEGATIVE FOR METASTATIC CARCINOMA.

PART 2: BREAST, RIGHT, SEGMENTAL MASTECTOMY -

- INVASIVE DUCTAL CARCINOMA, NOTTINGHAM GRADE 2 (TUBULE FORMATION 3, NUCLEAR GRADE 2, MITOTIC ACTIVITY 1; TOTAL SCORE 6/9).
- THE TUMOR SIZE MEASURES 1.8 CM IN GREATEST DIMENSION (GROSS MEASUREMENT).
- DUCTAL CARCINOMA IN SITU (DCIS), NUCLEAR GRADE 2, CRIBRIFORM AND SOLID TYPES.
- DCIS CONSTITUTES 15% OF TOTAL TUMOR VOLUME, MIXED AND AWAY FROM THE INVASIVE COMPONENT.
- SURGICAL MARGINS ARE NEGATIVE FOR CARCINOMA; INVASIVE TUMOR IS 7 MM TO THE CLOSEST ANTERIOR MARGIN, AND DCIS IS 7 MM TO THE POSTERIOR MARGIN.
- NO LYMPHOVASCULAR INVASION NOTED.
- FOCI OF MICROCALCIFICATIONS ASSOCIATED WITH INVASIVE CARCINOMA, DCIS, AND BENIGN BREAST TISSUE.
- NON-NEOPLASTIC BREAST TISSUE SHOWING FIBROCYSTIC CHANGES, DUCTAL EPITHELIAL HYPERPLASIA, COLUMNAR CELL CHANGE, AND SCLEROSING ADENOSIS.
- BIOPSY SITE CHANGES.
- THE INVASIVE TUMOR CELLS ARE POSITIVE FOR ER/PR AND NEGATIVE FOR HER-2/NEU

PART 3: BREAST, ANTERIOR MARGIN, RIGHT, BIOPSY -

- BREAST TISSUE WITH FIBROCYSTIC CHANGE, NEGATIVE FOR CARCINOMA.
- ENTIRE TISSUE SUBMITTED FOR MICROSCOPIC EXAMINATION.

PART 4: BREAST, MEDIAL/POSTERIOR MARGIN, RIGHT, BIOPSY -

- BREAST TISSUE WITH FIBROCYSTIC CHANGE, DUCTAL EPITHELIAL HYPERPLASIA AND SCLEROSING ADENOSIS.
- ENTIRE SPECIMEN SUBMITTED FOR MICROSCOPIC EXAMINATION.

## CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right  
PROCEDURE: Segmental  
LOCATION: Not specified  
SIZE OF TUMOR: Maximum dimension invasive component: 1.8 cm  
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No

TUMOR TYPE (invasive component):

ANGIOLYMPHATIC INVASION: Ductal adenocarcinoma, NOS

DERMAL LYMPHATIC INVASION: No

CALCIFICATION: Not applicable

IMMUNOHISTOCHEMISTRY INVOLVED BY INVASIVE COMPONENT: Yes, benign zones  
Yes, malignant zones

IMMUNOHISTOCHEMISTRY INVOLVED BY INVASIVE COMPONENT: No

IMMUNOHISTOCHEMISTRY INVOLVED BY INVASIVE COMPONENT: 1

IMMUNOHISTOCHEMISTRY INVOLVED BY INVASIVE COMPONENT: EXAMINATION:

IMMUNOHISTOCHEMISTRY INVOLVED BY INVASIVE COMPONENT: H/E stain, Keratin stain

IMMUNOHISTOCHEMISTRY INVOLVED BY INVASIVE COMPONENT: pT1c

IMMUNOHISTOCHEMISTRY INVOLVED BY INVASIVE COMPONENT: pT1c

IMMUNOHISTOCHEMISTRY INVOLVED BY INVASIVE COMPONENT: pMX

IMMUNOHISTOCHEMISTRY INVOLVED BY INVASIVE COMPONENT: positive

IMMUNOHISTOCHEMISTRY INVOLVED BY INVASIVE COMPONENT: positive

IMMUNOHISTOCHEMISTRY INVOLVED BY INVASIVE COMPONENT: zero or 1+

1CD-0-3

Carcinoma, infiltrating ductal, NOS 8500/3

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

UUID: EE9E0908-05D2-4F26-B3C2-2B40A48FEA6D  
TCGA-BH-A0HI-01A-PR

Redacted



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

3/13/11