

# FINAL DIAGNOSIS:

PART 1: LYMPH NODE, LEFT SENTINEL #1, BIOPSY -  
ONE LYMPH NODE, FREE OF TUMOR (0/1).

PART 2: LYMPH NODE, LEFT SENTINEL #2, BIOPSY -  
ONE LYMPH NODE, FREE OF TUMOR (0/1).

PART 3: BREAST, LEFT, SEGMENTAL MASTECTOMY -

- A. ~~INFILTRATING DUCTAL CARCINOMA~~ (3A, 3B, 3C, 3D, 3E, AND 3F). THE TUMOR COMES TO WITHIN 1.0 MM FROM THE NEAREST ANTERIOR RESECTION MARGIN (3A AND 3B).
- B. THE TUMOR SIZE IS 1.5 X 1.2 X 1.1 CM.
- C. NOTTINGHAM SCORE IS 6/9 (TUBULES 3, NUCLEI 2, MITOSIS 1).
- D. LYMPHOVASCULAR PERMEATION IS NOT APPRECIATED.
- E. DUCTAL CARCINOMA IN SITU, CRIBRIFORM AND SOLID TYPES, NUCLEAR GRADE 2, REPRESENTING ABOUT 2% OF TUMOR VOLUME.
- F. DUCTAL CARCINOMA IN SITU IS ADMIXED WITH INVASIVE TUMOR AND COMES TO WITHIN 1.0 MM FROM THE NEAREST ANTERIOR RESECTION MARGIN.
- G. CHANGES CONSISTENT WITH PREVIOUS BIOPSY SITE, SEE PRIOR
- H. FIBROCYSTIC CHANGES WITH FIBROADENOMATOID CHANGES, DUCTAL EPITHELIAL HYPERPLASIA, COLUMNAR CELL CHANGES AND ASSOCIATED MULTIFOCAL MICROCALCIFICATIONS.
- I. IMMUNOHISTOCHEMICAL STAINING FOR ESTROGEN RECEPTOR, PROGESTERONE RECEPTOR AND HER-2/NEU WERE PREVIOUSLY PERFORMED ON AND WERE REPORTED AS FOLLOWS:  
ESTROGEN RECEPTOR - POSITIVE, PROGESTERONE RECEPTOR - POSITIVE, HER-2/NEU - NEGATIVE (SCORE +1).

PART 4: LYMPH NODE, LEFT SENTINEL #3, BIOPSY -  
ONE LYMPH NODE, FREE OF TUMOR (0/1).

PART 5: LYMPH NODE, LEFT SENTINEL #4, BIOPSY -  
ONE LYMPH NODE, FREE OF TUMOR (0/1).

## CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Left  
PROCEDURE: Segmental  
LOCATION: Not specified  
SIZE OF TUMOR: Maximum dimension invasive component: 1.5 cm  
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No

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:

DERMAL LYMPHATIC INVASION:

CALCIFICATION:

TUMOR TYPE, IN SITU:

No  
Not applicable  
Yes, benign zones  
Cribriform, Solid, DCIS admixed with invasive carcinoma, Percent of tumor occupied by in situ component: 2 %

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:

LYMPH NODES EXAMINED:

METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain

NON-NEOPLASTIC BREAST TISSUE: Fibroadenoma, FCD

T STAGE, PATHOLOGIC:

N STAGE, PATHOLOGIC:

M STAGE, PATHOLOGIC:

ESTROGEN RECEPTORS:

PROGESTERONE RECEPTORS:

HER2/NEU:

pT1c  
pN0  
pMX  
positive  
positive  
zero or 1+

100-0-3

Carcinoma, infiltrating ductal, NOS 8500/3

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

UUID: 06602AD0-AC4D-4674-B480-2D207C3E78DC  
TCGA-BH-A0B6-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		8
Primary Tumor Site Discrepancy		3
HIPAA Discrepancy		2
Tric: Malignancy History		2
Dual/Synchronous Primary Noted		2
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	3/13/11	