

# FINAL DIAGNOSIS:

PART 1: LYMPH NODE, RIGHT SENTINEL #1, EXCISION -  
ONE (1) LYMPH NODE, NEGATIVE FOR METASTATIC ADENOCARCINOMA (0/1).

PART 2: LYMPH NODE, RIGHT SENTINEL #2, EXCISION -  
A. ONE (1) LYMPH NODE, POSITIVE FOR MICROMETASTASIS TWO (2) FOCI MEASURING LESS THAN 1.0 MM,  
AND ONE (1) ALSO LESS THAN 1.0 MM (1/1) (see comment).  
B. NO EXTRACAPSULAR SPREAD IS SEEN.

PART 3: LYMPH NODE, RIGHT SENTINEL #3, EXCISION -  
ONE (1) LYMPH NODE, NEGATIVE FOR METASTATIC ADENOCARCINOMA (0/1).

PART 4: LYMPH NODE, RIGHT NON-SENTINEL, EXCISION -  
ONE (1) LYMPH NODE, NEGATIVE FOR METASTATIC ADENOCARCINOMA (0/1).

PART 5: BREAST, RIGHT, SEGMENTAL MASTECTOMY -  
A. INFILTRATING DUCTAL CARCINOMA NOS  
B. NOTTINGHAM GRADE 1, SCORE OF 5/9 (TUBULES = 2, NUCLEI = 2, MITOSIS = 1).  
C. TUMOR MEASURES 2.0 CM ON GROSS EXAMINATION.  
D. DUCTAL CARCINOMA IN-SITU, CRIBRIFORM TYPE AND WITH COMEDO NECROSIS, NUCLEAR GRADE 2,  
ADMIXED WITH INVASIVE COMPONENT, COMPRISING APPROXIMATELY LESS THAN 5% OF THE TOTAL  
TUMOR VOLUME.  
E. SURGICAL MARGINS OF RESECTION ARE FREE OF INVASIVE TUMOR.  
F. CLOSEST POSTERIOR AND SUPERIOR MARGINS OF RESECTION ARE AT 0.6 CM.  
G. MARGINS OF RESECTION ARE FREE OF DUCTAL CARCINOMA IN-SITU, CLOSEST POSTERIOR MARGIN  
AT 1.2 CM.  
H. ANGIOLYMPHATIC INVASION IS IDENTIFIED.  
I. ESTROGEN RECEPTOR POSITIVE, PROGESTERONE RECEPTOR POSITIVE, HER-2/NEU NEGATIVE  
(SCORE 0), PER PREVIOUS REPORT  
J. SKIN WITH NO SIGNIFICANT PATHOLOGIC ABNORMALITY.  
K. NON-NEOPLASTIC BREAST WITH FIBROCYSTIC CHANGES, DUCTAL EPITHELIAL HYPERPLASIA, AND  
FIBROADENOMATOID NODULES.

PART 6: BREAST, RIGHT MEDIAL NEW MARGIN, EXCISION -  
BREAST TISSUE, NEGATIVE FOR TUMOR.

PART 7: BREAST, RIGHT INFERIOR NEW MARGIN, EXCISION -  
A. FIBROADIPOSE TISSUE NEGATIVE FOR TUMOR.  
B. FRAGMENTS OF SKELETAL MUSCLE.

## CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right  
PROCEDURE: Segmental  
LOCATION: Not specified  
SIZE OF TUMOR: Maximum dimension invasive component: 2.0 cm  
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No

TUMOR TYPE (invasive component):

NOTTINGHAM SCORE: Ductal adenocarcinoma, NOS  
Nuclear grade: 2

Tubule formation: 2  
Mitotic activity score: 1  
Total Nottingham score: 5  
Nottingham grade (1, 2, 3): 1

ANGIOLYMPHATIC INVASION: Yes

DERMAL LYMPHATIC INVASION: No

CALCIFICATION: No

TUMOR TYPE, IN SITU: Cribiform

DCIS admixed with invasive carcinoma

Percent of tumor occupied by in situ component: 5 %

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No  
Distance of invasive tumor to closest margin: 6 mm

SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No  
Distance of in situ disease to closest margin: 12 mm

LYMPH NODES POSITIVE: 1

LYMPH NODES EXAMINED: 4

METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain

SENTINEL NODE METASTASIS: Yes  
ONLY KERATIN POSITIVE CELLS ARE PRESENT:

No

SIZE OF NODAL METASTASES: Diameter of largest lymph node metastasis: 1 mm  
LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION:

No

SKIN INVOLVED (ULCERATION): No

NON-NEOPLASTIC BREAST TISSUE: FCD

T STAGE, PATHOLOGIC: pT1c

N STAGE, PATHOLOGIC: pN1mi

M STAGE, PATHOLOGIC: pMX

ESTROGEN RECEPTORS: positive

PROGESTERONE RECEPTORS: positive

HER2/NEU: zero or 1+

1CD-0-3

Carcinoma, infiltrating ductal, NOS 8500/3

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

UUID: 18E4043D-34BF-4CD1-9E2D-F906C7C78019  
TCGA-BH-A0BT-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
HPV Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary Noted		
Case is (circle):		
Reviewer Initials	2/5	3/13/11