

Collection Date:

## FINAL DIAGNOSIS:

### PART 1: LEFT BREAST AT 2 O'CLOCK, SEGMENTAL MASTECTOMY -

- A. INVASIVE DUCTAL CARCINOMA, NOTTINGHAM GRADE 3 (NUCLEAR GRADE - 3, TUBULE SCORE - 3, MITOTIC ACTIVITY SCORE - 2; TOTAL SCORE: 8/9).
- B. CARCINOMA MEASURES 4.0 CM.
- C. NO DIAGNOSTIC LYMPHOVASCULAR SPACE INVASION (ABUNDANT RETRACTION ARTIFACT IS SEEN).
- D. DUCTAL CARCINOMA IN SITU (DCIS), NUCLEAR GRADE 2, SOLID AND CRIBRIFORM TYPES WITH CALCIFICATIONS AND COMEDO NECROSIS.
- E. MARGINS ARE NEGATIVE; MICROSCOPICALLY TUMOR IS CLOSEST TO THE SUPERIOR MARGIN (0.4 CM).
- F. FIBROSIS, SUGGESTIVE OF PRIOR BIOPSY.
- G. FIBROCYSTIC CHANGES.
- H. TUMOR PREVIOUSLY REPORTED TO BE POSITIVE FOR ER AND PR, AND NEGATIVE FOR HER-2 BY FISH
- I. **PATHOLOGIC STAGE: pT2 pN0 pMX.**

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

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

### PART 4: LEFT AXILLARY SENTINEL LYMPH NODE #2, BIOPSY - TWO LYMPH NODES, NEGATIVE FOR MALIGNANCY (0/2).

## CASE SYNOPSIS:

### SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Left  
PROCEDURE: Segmental  
LOCATION: Clock position: 2 o'clock  
SIZE OF TUMOR: Maximum dimension invasive component: 40 mm  
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No

### TUMOR TYPE (invasive component):

Ductal adenocarcinoma, NOS

### NOTTINGHAM SCORE:

Nuclear grade: 3  
Tubule formation: 3  
Mitotic activity score: 2  
Total Nottingham score: 8  
Nottingham grade (1, 2, 3): 3

### ANGIOLYMPHATIC INVASION:

No

### DERMAL LYMPHATIC INVASION:

Not applicable

### CALCIFICATION:

Yes, malignant zones

### TUMOR TYPE, IN SITU:

Cribiform  
Solid

### SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No

Distance of invasive tumor to closest margin: 4 mm

### SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No

### LYMPH NODES POSITIVE:

0

### LYMPH NODES EXAMINED:

4

### METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain

### T STAGE, PATHOLOGIC:

pT2

### N STAGE, PATHOLOGIC:

pN0

### M STAGE:

Not applicable

### ESTROGEN RECEPTORS:

positive, previously performed, H-score: 255

### PROGESTERONE RECEPTORS:

positive, previously performed, H-score: 265

### HER2/NEU:

2+

### HER2/NEU (FISH):

Not amplified

ICD-O-3  
Carcinoma, infiltrating duct NOS  
8500/3  
Site @ 2 o'clock  
Breast NOS C50.9  
path  
@ 4 Breast, upper outer  
quadrant C50.4  
JW 8/2/13

UUID: BF07FF13-D7EE-40E1-9729-8F9CCBD1534F  
TCGA-BH-A6R8-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		✓
Primary Tumor Site Discrepancy		✓
HPA Discrepancy		✓
Prior Malignancy History		✓
Dual/Synchronous Primary History		✓
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	BS	Date Reviewed 6/20/13