

**PATIENT HISTORY:**

CHIEF COMPLAINT/PRE-OP/POST-OP DIAGNOSIS: Right breast cancer.

LMP DATE:

PROCEDURE: Right needle localized segmental mastectomy and right axilla sentinel node biopsy.

SPECIFIC CLINICAL QUESTION: Not provided.

OUTSIDE TISSUE DIAGNOSIS: No.

PRIOR MALIGNANCY: No.

CHEMORADIATION THERAPY: No.

OTHER DISEASES: No.

UID: 7C92F144-4A84-4D9E-8A35-C059FD082150  
TCGA-BH-A18G-01A-PR

Redacted



**FINAL DIAGNOSIS:**

PART 1: RIGHT AXILLARY SENTINEL LYMPH NODE #1, BIOPSY -  
ONE (1) LYMPH NODE, NEGATIVE FOR NEOPLASM (0/1).

PART 2: RIGHT BREAST AT 8 O'CLOCK, NEEDLE LOCALIZED SEGMENTAL MASTECTOMY -

- A. INVASIVE DUCTAL CARCINOMA, NOTTINGHAM GRADE 3 (NUCLEAR GRADE 3, TUBULE SCORE 3, MITOTIC ACTIVITY SCORE 2; TOTAL SCORE: 8/9).
- B. TUMOR MEASURES 2.7 CM (GROSS MEASUREMENT).
- C. NO LYMPHOVASCULAR SPACE INVASION IS IDENTIFIED.
- D. MARGINS ARE NEGATIVE FOR NEOPLASM; TUMOR APPROACHES MOST CLOSELY TO THE SUPERIOR MARGIN (0/9) CM.
- E. ATYPICAL DUCTAL HYPERPLASIA, AND RADIAL SCAR.
- F. SCLEROSING ADENOSIS AND FIBROCYSTIC CHANGES.
- G. FIBROSIS, SUGGESTIVE OF PREVIOUS BIOPSY.
- H. SKIN, NEGATIVE FOR TUMOR.
- I. TUMOR PREVIOUSLY REPORTED TO BE POSITIVE FOR ER AND PR AND NEGATIVE FOR HER-2/neu
- J. PATHOLOGIC STAGE: pT2 pN0 pMX.

PART 3: RIGHT BREAST, EXCISION (102 GRAMS) -

- A. FAT NECROSIS AND FIBROSIS.
- B. FIBROCYSTIC CHANGES AND COLUMNAR CELL CHANGE.
- C. SKIN WITH NO SIGNIFICANT PATHOLOGIC DIAGNOSIS.

PART 4: LEFT BREAST TISSUE, EXCISION (254 GRAMS) -

- A. SCLEROSING ADENOSIS, COLUMNAR CELL CHANGE, AND FIBROCYSTIC CHANGES.
- B. SKIN WITH NO SIGNIFICANT PATHOLOGIC DIAGNOSIS.

**CASE SYNOPSIS:**

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right  
PROCEDURE: Segmental  
LOCATION: Lower outer quadrant  
SIZE OF TUMOR: Maximum dimension invasive component: 27 mm  
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No

TUMOR TYPE (invasive component):

NOTTINGHAM SCORE: Ductal adenocarcinoma, NOS  
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: No

CALCIFICATION: No

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT: No

LYMPH NODES POSITIVE: Distance of invasive tumor to closest margin: 9 mm  
LYMPH NODES EXAMINED: 0

METHOD(S) OF LYMPH NODE EXAMINATION: 1  
H/E stain

T STAGE, PATHOLOGIC: pT2

N STAGE MODIFIER: (sn)

N STAGE, PATHOLOGIC: pN0

M STAGE: Not applicable

ESTROGEN RECEPTORS: positive

PROGESTERONE RECEPTORS: positive

HER2/NEU: 1+

Criteria	Yes	No
Diagnosis Discrepancy		X
Primary Tumor Site Discrepancy		X
Primary Tumor Discrepancy		X
Primary Tumor History		
Prior Malignancy: Primary Noted		
Dual/Synchronous: Primary Noted		
Case is (circle):		
Reviewer Initials		

QUALIFIED / DISQUALIFIED  
Date Reviewed: 11/14/14