

FINAL DIAGNOSIS:

PART 1: BREAST, RIGHT, SEGMENTAL MASTECTOMY AT 10 O'CLOCK -

- A. INVASIVE DUCTAL CARCINOMA, NO SPECIAL TYPE, WITH ABUNDANT CALCIFICATIONS.
- B. NOTTINGHAM GRADE 2 (TUBULE FORMATION: 2, NUCLEAR PLEOMORPHISM: 2, MITOTIC ACTIVITY: 2; TOTAL SCORE = 6/9).
- C. THE INVASIVE TUMOR MEASURES 1.8 CM IN LARGEST DIMENSION.
- D. DUCTAL CARCINOMA IN SITU, NUCLEAR GRADE 2, CRIBRIFORM TYPE WITH CALCIFICATIONS.
- E. THE DUCTAL CARCINOMA IN SITU CONSTITUTES 5% OF THE TOTAL TUMOR VOLUME AND IS PRESENT ADMIXED WITH THE INVASIVE COMPONENT.
- F. LYMPHOVASCULAR SPACE INVASION IS NOTED.
- G. RESECTION MARGINS ARE NEGATIVE FOR CARCINOMA.
- H. INVASIVE CARCINOMA IS 0.1 CM FROM THE NEAREST (ANTERIOR) MARGIN AND IS 0.2 CM FROM THE POSTERIOR MARGIN (PLEASE SEE PART #2 FOR NEW ANTERIOR MARGIN).
- I. THE NON-NEOPLASTIC BREAST SHOWS FIBROCYSTIC CHANGES AND COLUMNAR CELL CHANGES.
- J. PREVIOUS BIOPSY SITE CHANGES.
- K. THE INVASIVE TUMOR CELLS ARE POSITIVE FOR ESTROGEN RECEPTORS (H SCORE OF 200), PROGESTERONE RECEPTOR (H SCORE OF 290) AND NEGATIVE FOR HER-2 AS PER PREVIOUS PATHOLOGY REPORT

PART 2: BREAST, RIGHT, NEW ANTERIOR MARGIN, RE-EXCISION - BENIGN BREAST TISSUE.

PART 3: LYMPH NODES, RIGHT AXILLA, SENTINEL #1, EXCISION -

- A. METASTATIC CARCINOMA INVOLVING ONE OF TWO LYMPH NODES (1/2).
- B. THE METASTATIC FOCUS MEASURES 0.1 CM IN LARGEST DIMENSION.
- C. NO EXTRACAPSULAR EXTENSION IS IDENTIFIED.

PART 4: LYMPH NODES, RIGHT AXILLA, SENTINEL #2, EXCISION -

THREE LYMPH NODES, NEGATIVE FOR METASTATIC TUMOR (0/3)

CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right
 PROCEDURE: Segmental
 LOCATION: Upper outer quadrant
 SIZE OF TUMOR: Maximum dimension invasive component: 1.8 cm
 MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No

TUMOR TYPE (invasive component):

Ductal adenocarcinoma, NOS

NOTTINGHAM SCORE:

Nuclear grade: 2
 Tubule formation: 2
 Mitotic activity score: 2
 Total Nottingham score: 6
 Nottingham grade (1, 2, 3): 2

ANGIOLYMPHATIC INVASION:

Yes

DERMAL LYMPHATIC INVASION:

Not applicable

CALCIFICATION:

Yes, malignant zones

TUMOR TYPE, IN SITU:

Cribiform

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No

SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No

LYMPH NODES POSITIVE:

1

LYMPH NODES EXAMINED:

5

METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain, Keratin stain

SENTINEL NODE METASTASIS:

Yes

SIZE OF NODAL METASTASES:

Diameter of largest lymph node metastasis: 1 mm

LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION:

No

NON-NEOPLASTIC BREAST TISSUE:

FCD

T STAGE, PATHOLOGIC:

pT1c

N STAGE, PATHOLOGIC:

pNX

M STAGE, PATHOLOGIC:

pMX

ESTROGEN RECEPTORS:

positive

PROGESTERONE RECEPTORS:

positive

HER2/NEU:

zero or 1+

Comment:

The tumor N stage is at least pN1mi. If a sentinel node is positive, then a final "N stage" can be assigned only after complete lymph node dissection.

ICD-0-3

Carcinoma, infiltrating ductal, NOS 8500/3
 Site: breast, NOS C50.9 3/13/11

UUID: C9AD69E8-506A-4442-81C2-C8F09B519CB2
 TCGA-BH-A0H0-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
HIPAA Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary Nodes		
Case is (cler.):		
Reviewer Initials	2/13/11	3/15/11