

FINAL DIAGNOSIS:

PART 1: BREAST, RIGHT, NEEDLE LOCALIZED SEGMENTAL MASTECTOMY -

- A. **INVASIVE DUCTAL CARCINOMA**, 2.0 CM (GROSS), NOTTINGHAM GRADE 1 (COMBINED NOTTINGHAM SCORE 4/9: TUBULE FORMATION 1/3, NUCLEAR PLEOMORPHISM 2/3, MITOTIC ACTIVITY 1/3).
- B. DUCTAL CARCINOMA IN SITU (DCIS), NUCLEAR GRADE 2, CRIBRIFORM TYPE, CONSTITUTES APPROXIMATELY 5% OF THE TUMOR VOLUME AND IS ADMIXED WITH THE INVASIVE COMPONENT.
- C. LYMPHOVASCULAR SPACE INVASION IS NOT IDENTIFIED.
- D. MARGINS FREE, CLOSEST ANTERIOR/SUPERIOR WITHIN 0.6 CM.
- E. DUCTAL EPITHELIAL HYPERPLASIA.
- F. FIBROCYSTIC CHANGES.
- G. SCLEROSING ADENOSIS.
- H. COLUMNAR CELL CHANGE.
- I. FIBROADENOMATOID NODULES.
- J. SKIN IS NEGATIVE FOR TUMOR.
- K. BIOPSY SITE CHANGES.

PART 2: LYMPH NODES, RIGHT, SENTINEL #1, BIOPSY -

- A. METASTATIC CARCINOMA (0.4 CM.) INVOLVES ONE OF TWO LYMPH NODES (1/2) (see comment).
- B. EXTRACAPSULAR EXTENSION IS IDENTIFIED, 0.1 CM X 0.07 CM.

PART 3: LYMPH NODE, RIGHT, SENTINEL #2, BIOPSY -

- A. METASTATIC CARCINOMA INVOLVES ONE LYMPH NODE (1/1) (see comment).
- B. EXTRACAPSULAR EXTENSION IS NOT IDENTIFIED.

PART 4: LYMPH NODE, RIGHT, SENTINEL #3, BIOPSY -

- ONE LYMPH NODE, NEGATIVE FOR METASTATIC CARCINOMA (0/1) (see comment).

PART 5: BREAST, RIGHT, NEW LATERAL MARGIN, EXCISION -

- A. RADIAL SCAR.
- B. FIBROCYSTIC CHANGES.
- C. SCLEROSING ADENOSIS.
- D. DUCTAL EPITHELIAL HYPERPLASIA.
- E. COLUMNAR CELL CHANGE WITH ASSOCIATED CALCIFICATIONS.
- F. FAT NECROSIS.

PAGE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right
 PROCEDURE: Segmental
 LOCATION: Not specified
 SIZE OF TUMOR: Maximum dimension invasive component: 2 cm
 MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: Yes
 TUMOR AGGREGATE SIZE: Sum of the sizes of multiple invasive tumors: 2.5 cm
 TUMOR TYPE (invasive component): Ductal adenocarcinoma, NOS

NOTTINGHAM SCORE: Nuclear grade: 2
 Tubule formation: 1
 Mitotic activity score: 1

ANGIOLYMPHATIC INVASION: No
 DERMAL LYMPHATIC INVASION: No
 CALCIFICATION: Yes, benign zones
 Yes, malignant zones
 TUMOR TYPE, IN SITU: Cribriform
 DCIS admixed with invasive carcinoma
 Percent of tumor occupied by in situ component: 5 %

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

DERMAL LYMPHATIC INVASION:

CALCIFICATION:

TUMOR TYPE, IN SITU:

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

SURG MARGINS INVOLVED BY IN SITU COMPONENT:

LYMPH NODES POSITIVE:

LYMPH NODES EXAMINED:

METHOD(S) OF LYMPH NODE EXAMINATION:

SENTINEL NODE METASTASIS:

SIZE OF NODAL METASTASES:

LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION:

T STAGE, PATHOLOGIC:

N STAGE, PATHOLOGIC:

M STAGE, PATHOLOGIC:

ESTROGEN RECEPTORS:

PROGESTERONE RECEPTORS:

HER2/NEU:

H/E stain, Keratin stain

Yes

Diameter of largest lymph node metastasis: 4 mm

Yes

pT1c

pN1

pMX

positive

positive

zero or 1+

UUID:DFB21194-30C7-430E-A53C-C38345209B1F
 TCGA-BH-A0EI-01A-PR

Redacted



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