

FINAL DIAGNOSIS:

PART 1: LYMPH NODE, RIGHT AXILLARY, SENTINEL NODE NUMBER 1, SENTINEL NODE BIOPSY -
ONE LYMPH NODE POSITIVE FOR METASTATIC CARCINOMA (1/1).

PART 2: LYMPH NODE, RIGHT AXILLARY, SENTINEL NODE NUMBER 2, SENTINEL NODE BIOPSY -
ONE LYMPH NODE POSITIVE FOR METASTATIC CARCINOMA (1/1).

PART 3: LYMPH NODE, RIGHT AXILLARY, NONSENTINEL, LYMPH NODE BIOPSY -
TWO LYMPH NODES NEGATIVE FOR METASTATIC CARCINOMA (0/2).

PART 4: LYMPH NODE, RIGHT AXILLARY, SENTINEL NODE NUMBER 3, SENTINEL NODE BIOPSY -
ONE LYMPH NODE POSITIVE FOR MICROMETASTATIC CARCINOMA (1/1).

1CD-0-3

carcinoma, infiltrating duct, nos 8500/3

Site: breast, nos C50.9 3/13/11 JW

PART 5: **BREAST, RIGHT, SEGMENTAL MASTECTOMY -**

- A. **INFILTRATING DUCTAL CARCINOMA.**
- B. NOTTINGHAM SCORE 4/9, GRADE 1 (TUBULES 2, NUCLEI 1, MITOSES 1).
- C. NEOPLASM MEASURES 2.8 CM IN MAXIMUM DIMENSION (see comment).
- D. NO LYMPHOVASCULAR INVASION IDENTIFIED.
- E. NEOPLASM EXTENDS FOCALLY TO POSTERIOR MARGIN OF RESECTION IN THE INFERIOR ASPECT (BLOCK 5J), ALL OTHER MARGINS OF RESECTION FREE OF NEOPLASM.
- F. ER POSITIVE, PR NEGATIVE, HER-2/NEU NEGATIVE PER PREVIOUS REPORT.
- G. PATHOLOGIC STAGE: pT2, pN1, pMX.
- H. DUCTAL CARCINOMA IN SITU, CRIBRIFORM AND MICROPAPILLARY TYPES, NUCLEAR GRADE 1 WITH ASSOCIATED MICROCALCIFICATIONS AND FOCAL COMEDONECROSIS.
- I. IN SITU COMPONENT IS ADMIXED WITH INVASIVE COMPONENT AND IS IDENTIFIED IN EIGHT BLOCKS (THREE CONSECUTIVE SLICES MEASURING APPROXIMATELY 1.2 CM).
- J. MARGINS OF RESECTION FREE OF IN SITU COMPONENT, CLOSEST INFERIOR AT 0.3 CM.
- K. ATYPICAL DUCTAL HYPERPLASIA.
- L. FAT NECROSIS AND REPARATIVE CHANGES ASSOCIATED WITH PREVIOUS BIOPSY.
- M. FIBROCYSTIC CHANGES WITH SCLEROSING ADENOSIS, DUCTAL EPITHELIAL HYPERPLASIA, FIBROADENOMATOUS NODULE AND EPITHELIUM ASSOCIATED CALCIFICATIONS.

PART 6: LYMPH NODES, RIGHT AXILLARY, AXILLARY DISSECTION -
NINETEEN LYMPH NODES NEGATIVE FOR METASTATIC CARCINOMA (0/19).

CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right
PROCEDURE: Segmental
LOCATION: Not specified
SIZE OF TUMOR: Maximum dimension invasive component: 2.8 cm
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No

TUMOR TYPE (invasive component):

NOTTINGHAM SCORE: Ductal adenocarcinoma, NOS
Nuclear grade: 1

Tubule formation: 2
Mitotic activity score: 1
Total Nottingham score: 4
Nottingham grade (1, 2, 3): 1

ANGIOLYMPHATIC INVASION: No
DERMAL LYMPHATIC INVASION: Not applicable
CALCIFICATION: Yes, benign zones

TUMOR TYPE, IN SITU:

Yes, malignant zones
Cribriform
Micropapillary
DCIS admixed with invasive carcinoma

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT: Percent of tumor occupied by in situ component: 5 %

SURG MARGINS INVOLVED BY IN SITU COMPONENT: Yes, focal
No

LYMPH NODES POSITIVE: Distance of in situ disease to closest margin: 3 mm

LYMPH NODES EXAMINED: 3

METHOD(S) OF LYMPH NODE EXAMINATION: 24

SENTINEL NODE METASTASIS: H/E stain, Keratin stain
Yes

ONLY KERATIN POSITIVE CELLS ARE PRESENT: No

SIZE OF NODAL METASTASES: Diameter of largest lymph node metastasis: 25.0 mm

LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION: No

NON-NEOPLASTIC BREAST TISSUE: ADH, FCD

T STAGE, PATHOLOGIC: pT2

N STAGE, PATHOLOGIC: pN1a

M STAGE, PATHOLOGIC: pMX

ESTROGEN RECEPTORS: positive

PROGESTERONE RECEPTORS: negative

HER2/NEU: zero or 1+

UUID: 7F75F15A-2476-4FFD-97B3-313F06568E21
TCGA-BH-A08M-01A-PR

Redacted



	Yes	No
Criteria		
Diagnosis Discrepancy		X
Primary Tumor Site Discrepancy		X
IPAA Discrepancy		X
rior Malignancy History		
Qual/Synchronous Primary Noted		
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewed: 3/15/11		
Reviewer Initials: JW		