

# FINAL DIAGNOSIS:

## PART 1: BREAST, RIGHT, TOTAL MASTECTOMY -

- A. MULTIFOCAL AND MULTICENTRIC INFILTRATING DUCTAL CARCINOMA (1B, 1D, 1E, 1F, 1G, 1H, 1M, 1N, 1O and 1T).
- B. THE TUMOR SIZES ARE AS FOLLOWS: 2.5 X 2 X 2.1 CM; 1.5 X 1.3 X 1 CM; 0.7 X 0.6 CM AND 0.6 X 0.5 CM (see comment).
- C. NOTTINGHAM SCORE IS 6/9 (TUBULES 2, NUCLEI 2, MITOSES 2).
- D. LYMPHOVASCULAR INVASION IS NOT APPRECIATED.
- E. DUCTAL CARCINOMA IN SITU, CRIBRIFORM TYPE, NUCLEAR GRADE 2, REPRESENTING ABOUT LESS THAN 1% OF TUMOR VOLUME.
- F. DUCTAL CARCINOMA IN SITU IS PRESENT ADMIXED WITH INVASIVE TUMOR.
- G. MARGINS OF RESECTION ARE FREE OF TUMOR.
- H. NIPPLE, FREE OF TUMOR.
- I. SKIN, NO TUMOR IS SEEN.
- J. CHANGES CONSISTENT WITH PREVIOUS CORE BIOPSY SITE, SEE PRIOR.
- K. FIBROADENOMA AND FIBROADENOMATOID NODULAR CHANGES.
- L. FIBROCYSTIC CHANGES WITH DUCT ECTASIA, DUCTAL EPITHELIAL HYPERPLASIA AND COLUMNAR CELL CHANGES.
- M. IMMUNOHISTOCHEMICAL STAINING FOR ESTROGEN RECEPTOR, PROGESTERONE RECEPTOR AND HER-2/NEU WERE PREVIOUSLY PERFORMED ON  
ESTROGEN RECEPTOR - POSITIVE, PROGESTERONE RECEPTOR - POSITIVE, HER-2/NEU - EQUIVOCAL (SCORE +2). HER-2/NEU BY FISH WAS NOT AMPLIFIED.

PART 2: LYMPH NODE, RIGHT AXILLARY SENTINEL #1, BIOPSY -  
METASTATIC ADENOCARCINOMA INVOLVING ONE LYMPH NODE (2C, 2D and 2E), WITH EXTRACAPSULAR EXTENSION (2D) (1/1) (see comment).

PART 3: LYMPH NODES, RIGHT AXILLARY SENTINEL #2, BIOPSY -  
THREE LYMPH NODES, FREE OF TUMOR (0/3).

PART 4: LYMPH NODES, RIGHT AXILLARY SENTINEL #3, BIOPSY -  
FIVE LYMPH NODES, FREE OF TUMOR (0/5).

PART 5: BREAST, RIGHT, NEW SUPERIOR MARGIN, EXCISION -  
FIBROADIPOSE TISSUE. NO TUMOR SEEN

PART 6: LYMPH NODES, RIGHT INTERNAL MAMMARY, BIOPSY -  
THREE LYMPH NODES, FREE OF TUMOR (0/3).

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right  
PROCEDURE: Simple mastectomy  
LOCATION: Upper outer quadrant  
Lower outer quadrant  
SIZE OF TUMOR: Maximum dimension invasive component: 2.5 cm  
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: Yes  
TUMOR AGGREGATE SIZE: Sum of the sizes of multiple invasive tumors: 5.3 cm  
TUMOR TYPE (invasive component):

NOTTINGHAM SCORE: Ductal adenocarcinoma, NOS  
Nuclear grade: 2  
Tubule formation: 2  
Mitotic activity score: 2  
Total Nottingham score: 6  
Nottingham grade (1, 2, 3): 2  
ANGIOLYMPHATIC INVASION: No  
DERMAL LYMPHATIC INVASION: No  
CALCIFICATION: No  
TUMOR TYPE, IN SITU: Cribriform  
DCIS admixed with invasive carcinoma  
Percent of tumor occupied by in situ component: 1 %

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

SURG MARGINS INVOLVED BY IN SITU COMPONENT:

PAGET'S DISEASE OF NIPPLE: No  
LYMPH NODES POSITIVE: 1  
LYMPH NODES EXAMINED: 13  
METHOD(S) OF LYMPH NODE EXAMINATION:

SENTINEL NODE METASTASIS: Yes  
SIZE OF NODAL METASTASES: Diameter of largest lymph node metastasis: 10 mm  
LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION: Yes

NON-NEOPLASTIC BREAST TISSUE: Fibroadenoma, FCD

STAGE, PATHOLOGIC: pT2  
N STAGE, PATHOLOGIC: pN1  
M STAGE, PATHOLOGIC: pMX  
ESTROGEN RECEPTORS: positive

1CD-0-3  
Carcinoma, infiltrating ductal, NOS 8500/3  
Site: breast, NOS C50.9 2/13/14

UUID: 6721193F-FE9D-4573-BF2A-ABAEF57DFD9  
TCGA-BH-A0AZ-01A-PR Redacted



Criteria	Yes	No
Diagnosis Discrepancy		<input checked="" type="checkbox"/>
Primary Tumor Site Discrepancy		<input checked="" type="checkbox"/>
IPAA Discrepancy		<input checked="" type="checkbox"/>
Prior Malignancy History		<input checked="" type="checkbox"/>
Qual/Synchronous Primary Noted		
Case is (circle): QUALIFIED / DISQUALIFIED		
Reviewer Initials	Date Reviewed: 3/12/14	