

FINAL DIAGNOSIS:**BREAST, RIGHT, MODIFIED RADICAL MASTECTOMY -**

- A. **INVASIVE DUCTAL CARCINOMA WITH ASSOCIATED CALCIFICATIONS.**
- B. **NOTTINGHAM GRADE 3 (TUBULE FORMATION: 3, NUCLEAR PLEOMORPHISM: 3, MITOTIC ACTIVITY: 3; TOTAL SCORE: 9/9).**
- C. **INVASIVE TUMOR MEASURES 2.5 X 2.3 X 2.0 CM.**
- D. **DUCTAL CARCINOMA IN SITU (DCIS), NUCLEAR GRADE 3, SOLID, CRIBRIFORM MICROPAPILLARY AND CLEAR CELL TYPES WITH COMEDONECROSIS AND ASSOCIATED CALCIFICATIONS.**
- E. **THE DUCTAL CARCINOMA IN SITU (DCIS) CONSTITUTES 50% OF THE TOTAL TUMOR VOLUME AND IS PRESENT ADMIXED WITH THE INVASIVE COMPONENT.**
- F. **THE DUCTAL CARCINOMA IN SITU (DCIS) IS PRESENT IN 12/22 SLIDES.**
- G. **NO LYMPHOVASCULAR SPACE INVASION IS IDENTIFIED.**
- H. **RESECTION MARGINS ARE NEGATIVE FOR CARCINOMA. DUCTAL CARCINOMA IN SITU (DCIS) IS 4.0 MM FROM THE NEAREST ANTERIOR MARGIN. THE INVASIVE CARCINOMA IS GREATER THAN 1.0 CM FROM ALL MARGINS.**
- I. **THE NIPPLE IS INVOLVED BY DUCTAL CARCINOMA IN SITU.**
- J. **SKIN IS NEGATIVE FOR TUMOR.**
- K. **NON-NEOPLASTIC BREAST: INTRADUCTAL PAPILOMA AND FIBROCYSTIC CHANGES WITH FIBROADENOMATOID NODULES.**
- L. **BIOPSY SITE CHANGES WITH FAT NECROSIS.**
- M. **METASTATIC CARCINOMA INVOLVING FOUR OF TWENTY-SIX LYMPH NODES (4/26).**
- N. **THE LARGEST METASTATIC FOCUS MEASURES 2.0 CM.**
- O. **EXTRACAPSULAR EXTENSION IS IDENTIFIED AND MEASURES 1 MM.**
- P. **THE INVASIVE TUMOR CELLS TESTED POSITIVE FOR ESTROGEN AND WEAKLY POSITIVE FOR PROGESTERONE RECEPTORS AND NEGATIVE FOR HER-2, AS PER PREVIOUS PATHOLOGY REPORT**

CASE SYNOPSIS:**SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST**

LATERALITY: Right
PROCEDURE: Modified radical mastectomy
LOCATION: Lower outer quadrant
SIZE OF TUMOR: Maximum dimension invasive component: 2.5 cm
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No
TUMOR TYPE (invasive component): Ductal adenocarcinoma, NOS
NOTTINGHAM SCORE: Nuclear grade: 3
 Tubule formation: 3
 Mitotic activity score: 3
 Total Nottingham score: 9
 Nottingham grade (1, 2, 3): 3
ANGIOLYMPHATIC INVASION: Yes
DERMAL LYMPHATIC INVASION: No
CALCIFICATION: Yes, malignant zones
TUMOR TYPE, IN SITU: Cribriform
 Solid
 Micropapillary
 Comedo
 DCIS admixed with invasive carcinoma
 Percent of tumor occupied by in situ component: 50 %
SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT: No
SURG MARGINS INVOLVED BY IN SITU COMPONENT: No
 Distance of in situ disease to closest margin: 4.0 mm
PAGET'S DISEASE OF NIPPLE: No
LYMPH NODES POSITIVE: 4
LYMPH NODES EXAMINED: 26
METHOD(S) OF LYMPH NODE EXAMINATION: H/E levels
SIZE OF NODAL METASTASES: Diameter of largest lymph node metastasis: 20 mm
LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION: Yes
SKIN INVOLVED (ULCERATION): No
NON-NEOPLASTIC BREAST TISSUE: Papilloma, FCD, Other: Fibroadenomatoid nodules.
T STAGE, PATHOLOGIC: pT2
N STAGE, PATHOLOGIC: pN2a
M STAGE, PATHOLOGIC: pMx
ESTROGEN RECEPTORS: positive
PROGESTERONE RECEPTORS: positive
HER2/NEU: Zero or 1+

1CD-0-3

carcinoma, infiltrating ductal, NOS 8500/3

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

 UUID: 29EDE507-908A-4ABE-B3EF-559EBA4CCD56
 TCGA-BH-A0E2-01A-PR

Redacted



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

QUALIFIED / DISQUALIFIED
 Date Reviewed: 3/15/11
 3/13/11