

FINAL DIAGNOSIS:

RIGHT BREAST, MODIFIED RADICAL MASTECTOMY -

- A. MULTIFOCAL INFILTRATING DUCTAL CARCINOMA, NOTTINGHAM GRADE 2 (NUCLEAR GRADE 3, TUBULE SCORE 3, MITOTIC ACTIVITY SCORE 1; TOTAL SCORE 7/9).
- B. LARGEST TUMOR MEASURES 1.5 CM, LOCATED IN THE UPPER/OUTER QUADRANT, CORRELATED WITH THE BIOPSIED 10 O'CLOCK LESION.
- C. SECOND TUMOR MEASURES 1.2 CM IN GREATEST DIMENSION, LOCATED AT THE JUNCTION OF THE UPPER/OUTER AND UPPER/INNER QUADRANTS AND CORRELATES WITH THE BIOPSIED 12 O'CLOCK LESION.
- D. BOTH TUMORS ARE MORPHOLOGICALLY SIMILAR.
- E. EXTENSIVE LYMPHOVASCULAR INVASION IS PRESENT.
- F. MARGINS ARE NEGATIVE; INVASIVE TUMOR APPROACHES MOST CLOSELY TO THE MARGIN POSTERIOR TO THE 12 O'CLOCK LESION (see comment).
- G. DUCTAL CARCINOMA IN-SITU (DCIS), NUCLEAR GRADE 2, CRIBRIFORM TYPE, COMPRISING APPROXIMATELY 5% OF TUMOR MASS (DCIS IS ASSOCIATED WITH BOTH TUMORS).
- H. BIOPSY SITE CHANGES (see comment).
- I. SIX AXILLARY LYMPH NODES WITH METASTATIC CARCINOMA (6/16).
- J. LARGEST METASTASIS MEASURES 1.1 CM.
- K. EXTRACAPSULAR EXTENSION IS PRESENT, AND MEASURES APPROXIMATELY 0.3 CM.
- L. UNINVOLVED BREAST WITH FIBROCYSTIC CHANGES AND FIBROADENOMA.
- M. NIPPLE AND SKIN ARE NEGATIVE FOR NEOPLASM.
- N. SKELETAL MUSCLE, NEGATIVE FOR TUMOR.
- O. CALCIFIC ATHEROSCLEROSIS.

CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right
 PROCEDURE: Modified radical mastectomy
 LOCATION: Upper outer quadrant
 Upper inner quadrant
 SIZE OF TUMOR: Maximum dimension invasive component: 1.5 cm
 MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: Yes
 TUMOR AGGREGATE SIZE: Sum of the sizes of multiple invasive tumors: 2.7 cm
 TUMOR TYPE (invasive component): Ductal adenocarcinoma, NOS

NOTTINGHAM SCORE:

Nuclear grade: 3
 Tubule formation: 3
 Mitotic activity score: 1
 Total Nottingham score: 7
 Nottingham grade (1, 2, 3): 2

ANGIOLYMPHATIC INVASION: Yes
 DERMAL LYMPHATIC INVASION: No
 CALCIFICATION: No
 TUMOR TYPE, IN SITU: Cribiform

Percent of tumor occupied by in situ component: 5 %

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No
 Distance of invasive tumor to closest margin: 7 mm

SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No
 LYMPH NODES POSITIVE: 6
 LYMPH NODES EXAMINED: 16
 METHOD(S) OF LYMPH NODE EXAMINATION: H/E stain

SIZE OF NODAL METASTASES: Diameter of largest lymph node metastasis: 11 mm
 LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION: Yes

NON-NEOPLASTIC BREAST TISSUE: Fibroadenoma, FCD

T STAGE, PATHOLOGIC: pT1c
 N STAGE, PATHOLOGIC: pN2a
 M STAGE, PATHOLOGIC: pMX
 ESTROGEN RECEPTORS: positive
 PROGESTERONE RECEPTORS: positive
 HER2/NEU: zero or 1+

ICD-0-3

Carcinoma, infiltrating ductal, NOS 8500/3

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

UUID:CC7D1177-1638-4A80-A3AA-266ADC260EC9
 TCGA-BH-A0H7-01A-PR

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Criteria	Yes	No
Diagnosis Discrepancy		X
Primary Tumor Site Discrepancy		X
HIPAA Discrepancy		X
Prior Malignancy History		X
Qual/Synchronous Primary Notes		X
Case is (circle): QUALIFIED / DISQUALIFIED		
Reviewer Initials	hr	3/13/11