

# FINAL DIAGNOSIS:

PART 1: LYMPH NODE, RIGHT AXILLARY, SENTINEL NUMBER 1, EXCISION -  
ONE LYMPH NODE, FREE OF METASTATIC CARCINOMA (0/1).

## PART 2: BREAST, RIGHT, TOTAL MASTECTOMY -

- A. MULTIFOCAL INVASIVE DUCTAL CARCINOMA.
- B. THE LARGEST INVASIVE TUMOR MEASURES 1.7 CM AND IS LOCATED AT THE JUNCTION OF THE UPPER OUTER QUADRANT AND LOWER OUTER QUADRANT.
- C. THE SMALLER INVASIVE TUMOR MEASURES 1.0 CM IN GREATEST DIMENSION AND IS LOCATED IN THE UPPER OUTER QUADRANT, SUPEROMEDIAL TO THE LARGER TUMOR.
- D. TUMORS ARE SIMILAR IN MORPHOLOGIC APPEARANCE.
- E. NOTTINGHAM GRADE 2 (TUBULE FORMATION 3, NUCLEAR PLEOMORPHISM 2, MITOTIC ACTIVITY 1, TOTAL SCORE 6/9).
- F. DUCTAL CARCINOMA IN SITU (DCIS), NUCLEAR GRADE 2; SOLID, CRIBRIFORM, AND MICROPAPILLARY TYPES WITH ASSOCIATED MICROCALCIFICATIONS.
- G. DUCTAL CARCINOMA IN SITU (DCIS) CONSTITUTES APPROXIMATELY 10% OF THE TOTAL LARGER TUMOR MASS AND APPROXIMATELY 20% OF THE SMALLER TUMOR MASS.
- H. DCIS IS PRESENT ADMIXED AND ADJACENT TO THE INVASIVE COMPONENT.
- I. NO LYMPHOVASCULAR SPACE INVASION IS NOTED.
- J. RESECTION MARGINS ARE NEGATIVE FOR CARCINOMA; ALL MARGINS ARE GREATER THAN 0.5 CM AWAY FROM CARCINOMA.
- K. ATYPICAL DUCTAL HYPERPLASIA.
- L. FIBROCYSTIC CHANGES, COLUMNAR CELL CHANGE, PSEUDOANGIOMATOUS STROMAL HYPERPLASIA, AND FOCAL MICROCALCIFICATIONS.
- M. PREVIOUS BIOPSY SITE CHANGES (AT EACH TUMOR).
- N. BOTH INVASIVE TUMOR CELLS ARE POSITIVE FOR ESTROGEN AND PROGESTERONE RECEPTORS, AND NEGATIVE FOR HER-2/NEU (BY FISH) AS PER PREVIOUS PATHOLOGY REPORT

## CASE SYNOPSIS:

### SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right  
PROCEDURE: Simple mastectomy  
LOCATION: Upper outer quadrant  
SIZE OF TUMOR: Maximum dimension invasive component: 1.7 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):

NOTTINGHAM SCORE:

Ductal adenocarcinoma, NOS  
Nuclear grade: 2  
Tubule formation: 3  
Mitotic activity score: 1  
Total Nottingham score: 6  
Nottingham grade (1, 2, 3): 2

1CD-0-3

Carcinoma, infiltrating ductal, NOS 8500/3

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

ANGIOLYMPHATIC INVASION:  
DERMAL LYMPHATIC INVASION:  
CALCIFICATION:

No  
No  
Yes, benign zones  
Yes, malignant zones

TUMOR TYPE, IN SITU:

Cribiform  
Solid  
Micropapillary  
DCIS admixed with invasive carcinoma

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No

SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No

PAGET'S DISEASE OF NIPPLE:

No

LYMPH NODES POSITIVE:

0

LYMPH NODES EXAMINED:

1

METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain

SENTINEL NODE METASTASIS:

No

SKIN INVOLVED (ULCERATION):

No

NON-NEOPLASTIC BREAST TISSUE: ADH, FCD

T STAGE, PATHOLOGIC:

pT1c

N STAGE, PATHOLOGIC:

pN0

M STAGE, PATHOLOGIC:

PMX

ESTROGEN RECEPTORS:

positive

PROGESTERONE RECEPTORS:

positive

UUID: C350A3BE-1709-427D-8E1D-E0BBA480A56D  
TCGA-BH-A0H5-01A-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 Note		<input checked="" type="checkbox"/>
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	hr	
Date Reviewed:	3/13/11	

HER2/NEU:

2+