

# FINAL DIAGNOSIS:

## PART 1: BREAST, LEFT, 2 O'CLOCK, SEGMENTAL MASTECTOMY -

- A. **INVASIVE DUCTAL CARCINOMA, NOS TYPE, WITH MICROCALCIFICATIONS.**
- B. **NOTTINGHAM GRADE: 1 (TUBULE FORMATION - 2, NUCLEAR PLEOMORPHISM - 2, MITOTIC ACTIVITY - 1, TOTAL SCORE: 5/9).**
- C. **THE INVASIVE TUMOR MEASURES 2.1 CM IN LARGEST DIMENSION (SLIDE 1B).**
- D. **DUCTAL CARCINOMA IN SITU (DCIS), NUCLEAR GRADE 2, CRIBRIFORM TYPE.**
- E. **DCIS CONSTITUTES 10% OF TOTAL TUMOR MASS AND IS PRESENT ADMIXED WITH THE INVASIVE COMPONENT.**
- F. **NO LYMPHOVASCULAR SPACE INVASION IS NOTED (SEE COMMENT #1).**
- G. **RESECTION MARGINS ARE NEGATIVE FOR INVASIVE CARCINOMA OR DCIS, INVASIVE COMPONENT IS 0.7 CM AWAY FROM THE CLOSEST (POSTERIOR) MARGIN (SEE COMMENT #2).**
- H. **LOBULAR CARCINOMA IN SITU (LCIS) AND ATYPICAL LOBULAR HYPERPLASIA (SEE COMMENT #3).**
- I. **NON-NEOPLASTIC BREAST SHOWS FIBROCYSTIC CHANGES WITH DUCTAL EPITHELIAL HYPERPLASIA COLUMNAR CELL CHANGE, APOCRINE METAPLASIA AND SCLEROSING ADENOSIS WITH MICROCALCIFICATIONS.**
- J. **THE INVASIVE TUMOR CELLS ARE POSITIVE FOR ESTROGEN AND PROGESTERONE RECEPTORS AND NEGATIVE FOR HER-2/NEU, AS PER PREVIOUS PATHOLOGY REPORT (**

## PART 2: AXILLA, LEFT NUMBER ONE SENTINEL LYMPH NODE, EXCISION - ONE LYMPH NODE, NEGATIVE FOR CARCINOMA (0/1) (SEE COMMENT #4).

## PART 3: AXILLA, LEFT NUMBER TWO SENTINEL LYMPH NODE, EXCISION - ONE LYMPH NODE, NEGATIVE FOR CARCINOMA (0/1).

## PART 4: AXILLA, LEFT NUMBER THREE SENTINEL LYMPH NODE, EXCISION - TWO LYMPH NODES, NEGATIVE FOR CARCINOMA (0/2).

### CASE SYNOPSIS:

#### SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Left  
PROCEDURE: Segmental  
LOCATION: Upper outer quadrant  
SIZE OF TUMOR: Maximum dimension invasive component: 2.1 cm  
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No

#### TUMOR TYPE (invasive component):

#### NOTTINGHAM SCORE:

Ductal adenocarcinoma, NOS  
Nuclear grade: 2  
Tubule formation: 2  
Mitotic activity score: 1  
Total Nottingham score: 5  
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

Cribiform

DCIS admixed with invasive carcinoma

LCIS

#### SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No

#### SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No

#### LYMPH NODES POSITIVE:

0

#### LYMPH NODES EXAMINED:

4

#### METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain, Keratin stain

#### ONLY KERATIN POSITIVE CELLS ARE PRESENT:

Yes

#### NON-NEOPLASTIC BREAST TISSUE:

##### T STAGE, PATHOLOGIC:

pT2

##### N STAGE, PATHOLOGIC:

pN0(i+)

##### M STAGE, PATHOLOGIC:

PMX

##### ESTROGEN RECEPTORS:

positive

##### PROGESTERONE RECEPTORS:

positive

##### HER2/NEU:

zero or 1+

1CB-0-3

Carcinoma, infiltrating ductal, NOS 8500/3  
Site: breast, NOS C50.9 3/13/11 hr

UUID: A76A272F-675E-4E56-8761-96B71419A012  
TCGA-BH-A0HQ-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		<input checked="" type="checkbox"/>
Primary Tumor Site Discrepancy		<input checked="" type="checkbox"/>
IHPAA Discrepancy		<input checked="" type="checkbox"/>
Prior Malignancy History		<input checked="" type="checkbox"/>
Dual/Synchronous Primary Noted		<input checked="" type="checkbox"/>
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	205	3/13/11