

# FINAL DIAGNOSIS:

## PART 1: BREAST, LEFT, 12 O'CLOCK, SEGMENTAL MASTECTOMY -

- INVASIVE DUCTAL CARCINOMA, NO SPECIAL TYPE.
- NOTTINGHAM GRADE 2 (TUBAL FORMATION: 2, NUCLEAR PLEOMORPHISM: 2, MITOTIC ACTIVITY: 2; TOTAL SCORE 6/9).
- THE INVASIVE TUMOR MEASURES 1.5 CM IN LARGEST DIMENSION.
- LYMPHOVASCULAR SPACE INVASION IS IDENTIFIED.
- DUCTAL CARCINOMA IN SITU (DCIS), NUCLEAR GRADE 2, CRIBRIFORM TYPE WITH COMEDO NECROSIS.
- THE DCIS CONSTITUTES 20% OF THE TOTAL TUMOR VOLUME AND IS PRESENT ADMIXED WITH AND AWAY FROM THE INVASIVE COMPONENT.
- MARGINS ARE NEGATIVE FOR CARCINOMA; INVASIVE CARCINOMA IS 0.5 CM FROM THE NEAREST (SUPERIOR) MARGIN.
- FIBROCYSTIC CHANGES, COLUMNAR CELL CHANGE, AND DUCTAL EPITHELIAL HYPERPLASIA.
- PREVIOUS BIOPSY SITE CHANGES.
- INVASIVE TUMOR CELLS ARE POSITIVE FOR ESTROGEN AND PROGESTERONE RECEPTORS AND NEGATIVE FOR HER-2/NEU BY FISH
- PATHOLOGIC STAGE: pT1c, pN1a, pMX.

## PART 2: SENTINEL LYMPH NODE #1, LEFT AXILLA, BIOPSY -

- ONE LYMPH NODE, POSITIVE FOR METASTATIC CARCINOMA (1/3).
- THE LARGEST TUMOR DEPOSIT IS 2.1 MM.
- EXTRACAPSULAR EXTENSION IS NOT PRESENT.

## PART 3: SENTINEL LYMPH NODE #2, LEFT AXILLA, BIOPSY -

- ONE LYMPH NODE, NEGATIVE FOR NEOPLASM (0/1).

### CASE SYNOPSIS:

#### SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Left  
PROCEDURE: Segmental  
LOCATION: Upper outer quadrant  
Upper inner quadrant  
SIZE OF TUMOR: Maximum dimension invasive component: 1.5 cm  
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No

#### TUMOR TYPE (invasive component):

Ductal adenocarcinoma, NOS  
NOTTINGHAM SCORE: Nuclear grade: 2

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

#### ANGIOLYMPHATIC INVASION:

#### DERMAL LYMPHATIC INVASION:

#### CALCIFICATION:

#### TUMOR TYPE, IN SITU:

DCIS admixed and outside of invasive carcinoma component

#### SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No  
Distance of invasive tumor to closest margin: 5.0 mm

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

No

#### LYMPH NODES POSITIVE:

#### LYMPH NODES EXAMINED:

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

H/E stain  
NON-NEOPLASTIC BREAST TISSUE: FCD, Other: columnar cell change, ductal epithelial hyperplasia

#### T STAGE, PATHOLOGIC:

#### N STAGE, PATHOLOGIC:

#### M STAGE, PATHOLOGIC:

#### ESTROGEN RECEPTORS:

#### PROGESTERONE RECEPTORS:

#### HER2/NEU:

pT1c

pN1a

pMX

positive

positive

2+

1CD-0-3  
Carcinoma, infiltrating ductal, NOS 8500/3  
Site: breast, NOS C50.9 3/13/11



Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
IPAA Discrepancy		
Prior Malignancy History		
Equal/Synchronous Primary Noted		
Case is (circle): QUALIFIED / DISQUALIFIED		
Reviewer Initials: [Signature]	Date Reviewed: 3/13/11	