

# FINAL DIAGNOSIS:

## PART 1: BREAST AND NODES, LEFT, MODIFIED RADICAL MASTECTOMY -

- INVASIVE DUCTAL CARCINOMA, NOTTINGHAM GRADE 3 (TUBULE FORMATION 3, NUCLEAR PLEOMORPHISM 3, MITOTIC ACTIVITY 3, TOTAL SCORE 9/9).
- INVASIVE CARCINOMA MEASURES 2.2 CM (MICROSCOPIC MEASUREMENT).
- INVASIVE CARCINOMA EXTENSIVELY INVOLVES NIPPLE PAPILLARY DERMIS UNDER THE BASAL LAYER OF THE EPIDERMIS.
- DUCTAL CARCINOMA IN SITU (DCIS), NUCLEAR GRADE 2, SOLID TYPE, CONSTITUTES 2% OF TOTAL TUMOR MASS, ADMIXED WITH INVASIVE CARCINOMA.
- ALL RESECTION MARGINS ARE NEGATIVE FOR CARCINOMA; INVASIVE CARCINOMA IS 1.1 CM TO THE CLOSEST MARGIN.
- SIX OUT OF TEN AXILLARY LYMPH NODES ARE POSITIVE FOR METASTATIC CARCINOMA, WITH MULTIPLE AREAS OF EXTRACAPSULAR EXTENSION.
- METASTATIC TUMOR MEASURES 2.5 CM IN GREATEST DIMENSION (RANGING FROM 0.7 CM TO 2.5 CM).
- NO DEFINITIVE LYMPH VASCULAR INVASION NOTED.
- FIBROCYSTIC CHANGES ARE PRESENT.

1CB-0-3

Carcinoma, infiltrating ductal, NOS 8500/3

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

## PART 2: LYMPH NODE, LEFT, BIOPSY -

- FIBROADIPOSE TISSUE.
- NO LYMPHATIC TISSUE IS IDENTIFIED.
- ENTIRE SPECIMEN SUBMITTED FOR MICROSCOPIC EXAMINATION.

## SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Left  
 PROCEDURE: Modified radical mastectomy  
 LOCATION: Not specified  
 SIZE OF TUMOR: Maximum dimension invasive component: 2.2 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: No  
 DERMAL LYMPHATIC INVASION: Not applicable  
 CALCIFICATION: No  
 TUMOR TYPE, IN SITU: Solid  
 Percent of tumor occupied by in situ component: 2 %  
 SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT: No  
 SURG MARGINS INVOLVED BY IN SITU COMPONENT: No  
 LYMPH NODES POSITIVE: 6  
 LYMPH NODES EXAMINED: 10  
 METHOD(S) OF LYMPH NODE EXAMINATION: H/E stain  
 SENTINEL NODE METASTASIS: Yes  
 SIZE OF NODAL METASTASES: Diameter of largest lymph node metastasis: 25 mm  
 LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION: Yes  
 NON-NEOPLASTIC BREAST TISSUE: FCD  
 T STAGE, PATHOLOGIC: pT2  
 N STAGE, PATHOLOGIC: pN2a  
 M STAGE, PATHOLOGIC: pMX  
 ESTROGEN RECEPTORS: positive  
 PROGESTERONE RECEPTORS: positive  
 HER2/NEU: 2+

Criteria	Yes	No
Diagnosis Discrepancy		3
Primary Tumor Site Discrepancy		2
HIPAA Discrepancy		2
Prior Malignancy History		2
Dissemination/Synchronous Primary		2
Case is (circle): QUALIFIED / DISQUALIFIED		
Reviewer Initials: <i>lw</i> Date Reviewed: 3/13/11		

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