

## FINAL DIAGNOSIS:

### PART 1: BREAST, LEFT, 12 O'CLOCK, NEEDLE LOCALIZED EXCISIONAL BIOPSY -

- A. ATYPICAL DUCTAL EPITHELIAL HYPERPLASIA (see comment).
- B. COMPLEX PAPILLARY PROLIFERATIVE LESIONS.
- C. DUCTAL EPITHELIAL HYPERPLASIA.
- D. ADENOSIS AND SCLEROSING ADENOSIS.
- E. COLUMNAR CELL CHANGES AND HYPERPLASIA WITH ASSOCIATED MICROCALCIFICATIONS.
- F. FIBROCYSTIC CHANGES WITH APOCRINE METAPLASIA.
- G. DUCT ECTASIA.
- H. MICROSCOPIC RADIAL SCARS.
- I. MARKED CAUTERY ARTIFACT.
- J. BIOPSY RELATED CHANGES.

### PART 2: BREAST, RIGHT, 9 O'CLOCK, NEEDLE LOCALIZED SEGMENTAL MASTECTOMY -

- A. INVASIVE DUCTAL CARCINOMA WITH LOBULAR FEATURES, 3.2 CM (GROSS), NOTTINGHAM GRADE 2/3 (COMBINED NOTTINGHAM SCORE 6/9: TUBULE FORMATION 3/3, NUCLEAR ATYPIA 2/3, MITOTIC ACTIVITY 1/3) (see comment).
- B. DEFINITIVE DUCTAL CARCINOMA IN SITU IS NOT IDENTIFIED.
- C. EXTENSIVE LYMPHOVASCULAR INVASION.
- D. MARGINS FREE, CLOSEST MEDIAL, ANTERIOR, DEEP AND INFERIOR WITHIN 0.5 CM.
- E. ATYPICAL DUCTAL EPITHELIAL HYPERPLASIA.
- F. FIBROCYSTIC CHANGES.
- G. INTRADUCTAL PAPILLOMA.
- H. BIOPSY SITE CHANGES.
- I. MARKED CAUTERY ARTIFACT.
- J. PATHOLOGIC STAGE (see comment).

### PART 3: BREAST, RIGHT, NEW MARGIN, EXCISION -

- A. COMPLEX PAPILLARY PROLIFERATIVE LESION.
- B. DUCTAL EPITHELIAL HYPERPLASIA.
- C. ADENOSIS AND SCLEROSING ADENOSIS.
- D. COLUMNAR CELL CHANGES AND HYPERPLASIA.
- E. FIBROCYSTIC CHANGES WITH APOCRINE METAPLASIA.
- F. DUCT ECTASIA.
- G. MARKED CAUTERY ARTIFACT.

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Redacted



### PART 4: SENTINEL LYMPH NODE # 1, RIGHT, BIOPSY -

- A. METASTATIC CARCINOMA INVOLVING ONE LYMPH NODE.
- B. METASTATIC FOCUS, 1.2 CM IN GREATEST DIAMETER (ENTIRE LYMPH NODE).
- C. EXTRACAPSULAR EXTENSION IS IDENTIFIED, 0.5 CM X 0.2 CM.

## CASE SYNOPSIS:

### SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right  
PROCEDURE: Segmental  
LOCATION: Not specified  
SIZE OF TUMOR: Maximum dimension invasive component: 3.2 cm  
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No

### TUMOR TYPE (invasive component):

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

### NOTTINGHAM SCORE:

### ANGIOLYMPHATIC INVASION:

Yes

### DERMAL LYMPHATIC INVASION:

Not applicable

### CALCIFICATION:

Yes, benign zones

### SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No

### SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No

### LYMPH NODES POSITIVE:

1

### LYMPH NODES EXAMINED:

1

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

H/E stain

### SIZE OF NODAL METASTASES:

Diameter of largest lymph node metastasis: 15.0 mm

### LYMPH NODE METASTASIS(ES) WITH EXTRACAPSULAR EXTENSION:

Yes

### NON-NEOPLASTIC BREAST TISSUE:

ADH

### T STAGE, PATHOLOGIC:

pT2

### N STAGE, PATHOLOGIC:

pN1

### M STAGE, PATHOLOGIC:

pMX

### ESTROGEN RECEPTORS:

positive

### PROGESTERONE RECEPTORS:

positive

### HER2/NEU:

zero or 1+

100-0-3

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

Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
IPAA Discrepancy		
Prior Malignancy History		
Local/Synchronous Primary Noted		
Case is (circle):		
Reviewer Initials: <i>WES</i>		
Date Reviewed: <i>3/13/11</i>		