

DIAGNOSIS:**PART 1: AXILLARY CONTENTS, LEFT, RESECTION -**

- A. METASTATIC ADENOCARCINOMA (1H, 1Q-1R and 1S-1T) INVOLVING THREE OF TWENTY-EIGHT LYMPH NODES (3/28), UP TO 1.5 CM (1R), WITH EXTRACAPSULAR EXTENSION (0.2 CM).
 B. CHANGES CONSISTENT WITH PREVIOUS FINE NEEDLE ASPIRATION SITE, SEE PRIOR

PART 2: BREAST, LEFT, SEGMENTAL MASTECTOMY -

- A. INFILTRATING DUCTAL CARCINOMA (2A thru 2I, 2M thru 2O and 2S), WITH ASSOCIATED MICROCALCIFICATIONS. THE INVASIVE TUMOR INVOLVES THE POSTERIOR RESECTION MARGIN (2A), THE INFERIOR RESECTION MARGIN (2F, 2N and 2O), AND COMES TO WITHIN 0.2 CM FROM THE ANTERIOR RESECTION MARGIN (2M).
 B. THE TUMOR SIZE IS 3.5 X 2.5 X 1.7 CM.
 C. NOTTINGHAM SCORE 6/9 (TUBULES 3, NUCLEI 2, MITOSIS 1).
 D. LYMPHOVASCULAR INVASION IS PRESENT.
 E. DUCTAL CARCINOMA IN SITU, SOLID AND CRIBRIFORM TYPES, NUCLEAR GRADE 2, WITH COMEDONECROSIS, ASSOCIATED MICROCALCIFICATIONS AND RETROGRADE CANCERIZATION OF LOBULES, REPRESENTING ABOUT 2% OF TUMOR VOLUME.
 F. DUCTAL CARCINOMA IN SITU IS PRESENT ADMIXED WITH INVASIVE TUMOR.
 G. ALL OTHER MARGINS OF RESECTION ARE FREE OF TUMOR.
 H. ATYPICAL DUCTAL HYPERPLASIA
 I. DUCTAL PAPILLOMAS.
 J. RADIAL SCARS WITH DUCTAL EPITHELIAL HYPERPLASIA AND COLUMNAR CELL CHANGES.
 K. PROLIFERATIVE FIBROCYSTIC CHANGES WITH DUCTAL EPITHELIAL HYPERPLASIA, COLUMNAR CELL CHANGES AND MULTIFOCAL SCLEROSING ADENOSIS WITH ASSOCIATED MICROCALCIFICATIONS.
 L. CHANGES CONSISTENT WITH PREVIOUS BIOPSY SITE, SEE PRIOR
 M. IMMUNOHISTOCHEMICAL STAINING FOR ESTROGEN RECEPTOR & 2/NEU WERE PREVIOUSLY PERFORMED ON CORE BIOPSY
 FOLLOW-UP: ESTROGEN RECEPTOR - POSITIVE, PROGESTERONE RECEPTOR - POSITIVE AND HER-2/NEU - NEGATIVE (SCORE 0).

PART 3: BREAST, LEFT, NEW POSTERIOR-LATERAL MARGINS, EXCISION -

- A. MICROSCOPIC FOCUS OF INVASIVE DUCTAL CARCINOMA (3E), COMING TO WITHIN 0.3 CM FROM THE NEW INKED RESECTION MARGIN (see comment).
 B. ATYPICAL DUCTAL HYPERPLASIA.
 C. DUCTAL PAPILLOMA.
 D. RADIAL SCARS WITH DUCTAL EPITHELIAL HYPERPLASIA AND ASSOCIATED MICROCALCIFICATIONS.
 E. PROLIFERATIVE FIBROCYSTIC CHANGES WITH DUCTAL EPITHELIAL HYPERPLASIA, COLUMNAR CELL CHANGES AND EXTENSIVE SCLEROSING ADENOSIS WITH ASSOCIATED MULTIFOCAL MICROCALCIFICATIONS.
 F. MEDIAL CALCIFICATIONS OF BLOOD VESSEL.
 G. NEW RESECTION MARGINS ARE FREE OF TUMOR.

CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY:

Left

PROCEDURE:

Segmental

LOCATION:

Not specified

SIZE OF TUMOR:

Maximum dimension invasive component: 3.5 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: 8

Nottingham grade (1, 2, 3): 2

Yes

ANGIOLYMPHATIC INVASION:

Not applicable

DERMAL LYMPHATIC INVASION:

Yes, benign zones

CALCIFICATION:

Yes, malignant zones

TUMOR TYPE, IN SITU:

Cribiform

Solid

DCIS admixed with invasive carcinoma

Percent of tumor occupied by in situ component: 2 %

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

Yes, diffuse

SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No

LYMPH NODES POSITIVE:

3

LYMPH NODES EXAMINED:

28

METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain

SENTINEL NODE METASTASIS:

No

SIZE OF NODAL METASTASES:

Diameter of largest lymph node metastasis: 15 mm

LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION:

Yes

NON-NEOPLASTIC BREAST TISSUE: ADH, Radial scar, Papilloma, FDU

T STAGE, PATHOLOGIC:

pT?

N STAGE, PATHOLOGIC:

pN1a

M STAGE, PATHOLOGIC:

pMX

ESTROGEN RECEPTORS:

positive

PROGESTERONE RECEPTORS:

positive

HER2/NEU:

zero or 1+

1CD-0-3

carcinoma, infiltrating ductal, nos 8500/3
 Site: breast, nos C50.9 3/13/11 lw

Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
IPAA Discrepancy		
Prior Malignancy History		
Idi/Synchronous Primary Malignancy		
Case is (circle):		
Reviewer Initials	lw	
Date Reviewed	3/13/11	

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