

FINAL DIAGNOSIS:

PART 1: BREAST, LEFT, AT 3 O'CLOCK, SEGMENTAL MASTECTOMY -

- INVASIVE DUCTAL CARCINOMA, NOTTINGHAM GRADE 3 (TUBULE FORMATION - 3, NUCLEAR GRADE - 3, MITOTIC RATE - 3; TOTAL SCORE 9/9).
- INVASIVE TUMOR MEASURES 1.7 CM IN GREATEST DIMENSION (SLIDE 1E).
- DUCTAL CARCINOMA IN SITU (DCIS), NUCLEAR GRADE 3, SOLID TYPE, WITH COMEDO NECROSIS AND CALCIFICATIONS.
- DCIS IS PRESENT ADMIXED WITH INVASIVE COMPONENT AND COMPRISES 40% OF THE TOTAL TUMOR VOLUME.
- LOBULAR CARCINOMA IN SITU (LCIS) (see comment).
- LYMPHOVASCULAR SPACE INVASION IS IDENTIFIED.
- INKED MARGINS OF RESECTION ARE NEGATIVE, INVASIVE TUMOR IS 1MM FROM THE CLOSEST (POSTERIOR) MARGIN (SEE PART 4 FOR ADDITIONAL POSTERIOR MARGIN).
- ATYPICAL LOBULAR HYPERPLASIA (see comment).
- FIBROCYSTIC CHANGES.
- BIOPSY SITE CHANGES.
- BENIGN EPITHELIAL CALCIFICATIONS.
- INVASIVE TUMOR CELLS ARE POSITIVE FOR ESTROGEN AND PROGESTERONE RECEPTORS AND WEAKLY POSITIVE FOR HER2/NEU, AS PER PREVIOUS PATHOLOGY REPORT

PART 2: AXILLARY CONTENTS, LEFT, DISSECTION -

- ONE OUT OF TWENTY-EIGHT LYMPH NODES POSITIVE FOR CARCINOMA (1/28).
- THE SIZE OF LYMPH NODE METASTASIS IS 1.9 CM.
- BIOPSY SITE CHANGES IN THE POSITIVE LYMPH NODE.

PART 3: LEFT AXILLARY LEVEL 3 LYMPH NODE, DISSECTION - SEVEN LYMPH NODES, NEGATIVE FOR TUMOR (0/7).

PART 4: BREAST, LEFT, NEW POSTERIOR MARGIN, EXCISION -

SKELETAL MUSCLE AND FIBROADIPOSE TISSUE, NEGATIVE FOR TUMOR.

CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY:

Left

PROCEDURE:

Segmental

LOCATION:

Not specified

SIZE OF TUMOR:

Maximum dimension invasive component: 1.7 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:

Yes

DERMAL LYMPHATIC INVASION:

Not applicable

CALCIFICATION:

Yes, benign zones

Yes, malignant zones

TUMOR TYPE, IN SITU:

Solid

Comedo

DCIS admixed with invasive carcinoma

LCIS

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT: Percent of tumor occupied by in situ component: 40 %

SURG MARGINS INVOLVED BY IN SITU COMPONENT: No

PAGET'S DISEASE OF NIPPLE: No

LYMPH NODES POSITIVE: No

LYMPH NODES EXAMINED: 1

METHOD(S) OF LYMPH NODE EXAMINATION: 35

SIZE OF NODAL METASTASES: H/E stain

LYMPH NODE METASTASIS(ES) WITH EXTRACAPSULAR EXTENSION: Diameter of largest lymph node metastasis: 1.9 mm

NON-NEOPLASTIC BREAST TISSUE: No

T STAGE, PATHOLOGIC: ALH, FCD

N STAGE, PATHOLOGIC: pT1c

M STAGE, PATHOLOGIC: pN1a

ESTROGEN RECEPTORS: pMX

PROGESTERONE RECEPTORS: positive

HER2/NEU: positive

2+

ICD-0-3

Carcinoma, infiltrating ductal, nos 8504/3

Site: breast, nos C50.9 3/13/11

UUID: 53DD68D0-C28E-4EC2-907E-3F1F11D31052

TCGA-BH-A0C0-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
IPAA Discrepancy		
Prior Malignancy History		
Qual/Synchronous Primary Listed		
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	MS	
Date Reviewed	3/13/11	