

FINAL DIAGNOSIS:

PART 1: BREAST, LEFT, SEGMENTAL MASTECTOMY -

- INFILTRATING DUCTAL CARCINOMA, NOS TYPE, MODERATELY DIFFERENTIATED.
- THE TUMOR MEASURES 2.5 CM (GROSS MEASUREMENT), NOTTINGHAM SCORE 6/9 (TUBULE 2, NUCLEAR GRADE 2, MITOSIS 2; OVERALL GRADE 2/3).
- NO LYMPHOVASCULAR INVASION IS IDENTIFIED.
- DUCTAL CARCINOMA IN-SITU, SOLID AND CRIBRIFORM SUBTYPES, NUCLEAR GRADE 2, COMPRISES 25% OF THE TOTAL TUMOR VOLUME AND IS PRESENT IN ASSOCIATION WITH INVASIVE CARCINOMA.
- MARGINS: ALL MARGINS OF RESECTION ARE FREE OF IN-SITU OR INVASIVE CARCINOMA. THE CLOSEST POSTERIOR MARGIN IS 1 MM AWAY (SLIDE 1B).
- FIBROCYSTIC CHANGES, DUCTAL EPITHELIAL HYPERPLASIA, COLUMNAR CELL HYPERPLASIA, ATYPICAL DUCTAL HYPERPLASIA, SCLEROSING ADENOSIS, AND PREVIOUS BIOPSY SITE CHANGES.
- ESTROGEN RECEPTOR POSITIVE. PROGESTERONE RECEPTOR POSITIVE, HER-2/NEU NEGATIVE (IHC SCORE 1+), CROSS REFER

PART 2: BREAST, LEFT, LATERAL MARGIN, EXCISION -

- NO IN-SITU OR INVASIVE CARCINOMA IDENTIFIED.
- FIBROCYSTIC CHANGES, DUCTAL EPITHELIAL HYPERPLASIA, SCLEROSING ADENOSIS, AND COLUMNAR CELL CHANGE.

PART 3: SENTINEL LYMPH NODE #1, LEFT AXILLA, BIOPSY -

ONE BENIGN LYMPH NODE, NO TUMOR SEEN (0/1).

PART 4: SENTINEL LYMPH NODE #2, LEFT AXILLA, BIOPSY -

- ONE OUT OF TWO LYMPH NODES POSITIVE FOR METASTATIC CARCINOMA (1/2), THE METASTATIC FOCUS MEASURES 1 CM (ON GLASS SLIDE).
- EXTRACAPSULAR EXTENSION IS IDENTIFIED.

PART 5: SENTINEL LYMPH NODE #3, LEFT AXILLA, BIOPSY -

TWO BENIGN LYMPH NODES, NO TUMOR SEEN (0/2).

CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Left
 PROCEDURE: Segmental
 LOCATION: Not specified
 SIZE OF TUMOR: Maximum dimension invasive component: 2.5 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: No
 DERMAL LYMPHATIC INVASION: No
 CALCIFICATION: No
 TUMOR TYPE, IN SITU: Cribriform
 Solid
 DCIS admixed with invasive carcinoma
 Percent of tumor occupied by in situ component: 25 %

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No
 Distance of invasive tumor to closest margin: 1 mm

SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No
 Distance of in situ disease to closest margin: 1 mm

PAGET'S DISEASE OF NIPPLE:

No

LYMPH NODES POSITIVE:

1

LYMPH NODES EXAMINED:

5

METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain

SENTINEL NODE METASTASIS:

Yes

ONLY KERATIN POSITIVE CELLS ARE PRESENT:

No

SIZE OF NODAL METASTASES:

Diameter of largest lymph node metastasis: 10 mm

LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION:

Yes

METASTASES TO IPSILATERAL INTERNAL MAMMARY LYMPH NODE (IF APPLICABLE):

No

SKIN INVOLVED (ULCERATION):

No

NON-NEOPLASTIC BREAST TISSUE: ADH, FCD

T STAGE, PATHOLOGIC:

pT2

N STAGE, PATHOLOGIC:

pN1

M STAGE, PATHOLOGIC:

any

1CD-0-3

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

UUID:A3CDF051-4162-47EC-BE8A-1519A5564518
 TCGA-BH-A0B3-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		X
Primary Tumor Site Discrepancy		X
TI/PAI Discrepancy		X
Prior Malignancy History		X
Qual/Synchronous: Primary/Noted		
Case is (circle): QUALIFIED / DISQUALIFIED		
Reviewer Initials: <i>mw</i> Date Reviewed: <i>3/13/11</i>		