

DIAGNOSIS:

- PART 1: SENTINEL LYMPH NODE #1, LEFT AXILLA, BIOPSY -**
A. ONE LYMPH NODE WITH METASTATIC CARCINOMA (1/1).
B. METASTATIC FOCUS MEASURES 2.1 MM (ON GLASS SLIDE), NO EXTRACAPSULAR EXTENSION IDENTIFIED.

- PART 2: SENTINEL LYMPH NODE #2, LEFT AXILLA, BIOPSY -**
ONE BENIGN LYMPH NODE, NO TUMOR SEEN (0/1).

PART 3: BREAST, LEFT, TOTAL MASTECTOMY -

- A. INTRITITING DUCTAL CARCINOMA, NOS AND TUBULAR TYPE WITH ASSOCIATED CALCIFICATIONS.
- B. THE TUMOR MEASURES 2.4 CM (GROSS MEASUREMENT), TUMOR IS LOCATED CENTRALLY.
- C. NOTTINGHAM GRADE 1/3 (TUBULES FORMATION 2, NUCLEAR GRADE 2, MITOTIC ACTIVITY 1; TOTAL NOTTINGHAM SCORE 5/9).
- D. NO LYMPHOVASCULAR INVASION IS SEEN.
- E. DUCTAL CARCINOMA IN SITU, CIRRIFORM AND SOLID TYPE, NUCLEAR GRADE 2 COMPRISING 40% OF TOTAL TUMOR VOLUME PRESENT IN ASSOCIATION WITH INVASIVE CARCINOMA.
- F. MARGINS: ALL MARGINS OF RESECTION ARE FREE OF INVASIVE AS WELL AS IN SITU CARCINOMA. CLOSEST POSTERIOR MARGIN IS 1.5 CM AWAY.
- G. LOBULAR NEOPLASIA(ATYPICAL LOBULAR HYPERPLASIA AND LOBULAR CARCINOMA IN SITU) ASSOCIATED WITH CALCIFICATIONS.
- H. ATYPICAL DUCTAL HYPERPLASIA WITH ASSOCIATED CALCIFICATIONS AND PREVIOUS BIOPSY SITE CHANGES.
- I. UPPER OUTER QUADRANT: BENIGN BREAST TISSUE.
- J. LOWER OUTER QUADRANT: ATYPICAL DUCTAL HYPERPLASIA, FIBROCYSTIC CHANGE AND SCLEROBLASTIC ADENOSIS.
- K. UPPER INNER QUADRANT: BENIGN BREAST TISSUE.
- L. LOWER INNER QUADRANT: LOBULAR NEOPLASIA AND FIBROCYSTIC CHANGE.
- M. SKIN, NIPPLE: NO TUMOR SEEN.
- N. ER POSITIVE, PR POSITIVE, HER-2/NEU POSITIVE. REFER TO

PART 4: SENTINEL LYMPH NODE #3, LEFT AXILLA, BIOPSY -

- A. ONE LYMPH NODE WITH METASTATIC CARCINOMA (1/1).
- B. METASTATIC FOCUS MEASURES 7 MM (ON GLASS SLIDE), EXTRACAPSULAR EXTENSION IS IDENTIFIED AS WELL.

PART 5: SENTINEL LYMPH NODE #4, LEFT AXILLA, BIOPSY -

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

CASE SYNOPSIS:

SYNOPSIS - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY:

Left

ICD-O-3

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

PROCEDURE:

Simple mastectomy

LOCATION:

Central subareolar

SIZE OF TUMOR:

Maximum dimension invasive component: 2.4 cm

MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI:

No

TUMOR TYPE (Invasive component):

Ductal adenocarcinoma, NOS, Tubular carcinoma

NOTTINGHAM SCORE:

Nuclear grade: 2

UUID:28231C7B-64EE-49AC-B7AB-9BADDCC17C
TCGA-BH-A0EA-01A-PR

Redacted

Tubule formation: 2

Mitotic activity score: 1

Total Nottingham score: 5

Nottingham grade (1, 2, 3): 1



ANGIOLYMPHATIC INVASION:

No

DERMAL LYMPHATIC INVASION:

No

CALCIFICATION:

Yes, malignant zones

TUMOR TYPE, IN SITU:

Cirriform

Solid

DCIS admixed with invasive carcinoma

LCIS

Percent of tumor occupied by in-situ component: 40 %

SURGICAL MARGINS INVOLVED BY IN SITU COMPONENT:

No

SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No

PAGET'S DISEASE OF NIPPLE:

No

LYMPH NODES POSITIVE:

2

LYMPH NODES EXAMINED:

4

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: 2.1 mm

LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION:

Yes

Criteria	Yes	No
Diagnosis Discrepancy		X
Primary Tumor Site Discrepancy		X
HIPAA Discrepancy		X
Prior Malignancy History		X
Dual/Synchronous Primary Noted		X
Case is (circle): <input checked="" type="checkbox"/> UNCLASSIFIED / <input type="checkbox"/> DISQUALIFIED		
Reviewer Initials: <i>MJ</i>	Date Reviewed: <i>3/13/11</i>	<i>3/13/11</i>