

# FINAL DIAGNOSIS:

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

ONE LEFT AXILLARY SENTINEL LYMPH NODE #1 WITH METASTATIC BREAST CARCINOMA (1/1).

PART 2: BREAST, LEFT, MODIFIED RADICAL MASTECTOMY -

A. MULTIFOCAL INFILTRATING MIXED DUCTAL AND LOBULAR CARCINOMA (see comment).

B. TUMOR MEASURES 6.0 X 5.5 X 2.5 CM.

C. THE TUMOR IS LOCATED IN THE UPPER OUTER, LOWER OUTER, UPPER INNER AND LOWER INNER QUADRANTS AND IN THE CENTRAL AREA ( MULTICENTRIC TUMOR ).

D. ANGIOLYMPHATIC INVASION IDENTIFIED.

E. LOBULAR CARCINOMA IN SITU ACCOUNTING FOR 10% OF THE TUMOR, ADMIXED WITH THE TUMOR.

F. ALL MARGINS ARE NEGATIVE FOR INVASIVE MIXED DUCTAL - LOBULAR CARCINOMA AND LOBULAR CARCINOMA IN SITU.

G. NIPPLE WITH FOCAL INVASIVE CARCINOMA IN THE DEEP STROMAL TISSUE.

H. NIPPLE AND SKIN OF THE BREAST WITH DUCT ECTASIA AND CHRONIC INFLAMMATION.

I. ESTROGEN RECEPTOR POSITIVE, PROGESTERONE RECEPTOR POSITIVE, HER-2/NEU NEGATIVE FOR (SCORE +1) AS PER CORE BIOPSY

J. BIOPSY SITE CHANGES.

K. FIBROCYSTIC CHANGES WITH DUCTAL EPITHELIAL HYPERPLASIA.

L. COLUMNAR CELL CHANGES.

M. MICROSCOPIC PERIPHERAL DUCTAL PAPILLOMA.

N. AXILLARY TAIL WITH TWENTY OUT OF TWENTY LYMPH NODES WITH METASTATIC CARCINOMA (0.5 TO 2.2 CM IN MAXIMUM DIAMETER) (20/20) TOW HAVE EXTRA CAPSULAR SPREAD

PART 3: LEFT PECTORALIS MINOR MUSCLE, EXCISION -

STRIATED SKELETAL MUSCLE FREE OF TUMOR CONFIRM BY IMMUNOSTAIN FOR

PART 4: LEFT AXILLA, LEVEL 3, LYMPH NODE, EXCISION -

SIX LYMPH NODES LEVEL 3 ALL POSITIVE FOR METASTATIC CARCINOMA (6/6) (see comment).

## CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY:

Left

PROCEDURE:

Modified radical mastectomy

LOCATION:

Central subareolar

Upper outer quadrant

Upper inner quadrant

Lower outer quadrant

Lower inner quadrant

Not specified

SIZE OF TUMOR:

Maximum dimension invasive component: 6.0 cm

MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI:

Yes

TUMOR AGGREGATE SIZE:

Sum of the sizes of multiple invasive tumors: 6.3 cm

TUMOR TYPE (invasive component):

Other Type(s): MIXED D & L

Classical, Pleomorphic

HISTOLOGIC TYPE:

NOTTINGHAM SCORE:

Nuclear grade: 2

Tubule formation: 3

Mitotic activity score: 1

Total Nottingham score: 6

Nottingham grade (1, 2, 3): 2

ANGIOLYMPHATIC INVASION:

Yes

DERMAL LYMPHATIC INVASION:

No

CALCIFICATION:

Yes, benign zones

TUMOR TYPE, IN SITU:

LCIS, Percent of tumor occupied by in situ component: 10 %

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No

SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No

PAGET'S DISEASE OF NIPPLE:

No

LYMPH NODES POSITIVE:

27

LYMPH NODES EXAMINED:

27

METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain, Keratin stain

SENTINEL NODE METASTASIS:

Yes

ONLY KERATIN POSITIVE CELLS ARE PRESENT:

No

SIZE OF NODAL METASTASES:

Diameter of largest lymph node metastasis: 20 mm

LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION:

No

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

No

SKIN INVOLVED (ULCERATION):

No

NON-NEOPLASTIC BREAST TISSUE: ALH, Papilloma, FCD

T STAGE, PATHOLOGIC:

pT3

N STAGE, PATHOLOGIC:

N1c

1CD-0-3

Carcinoma, infiltrating duct and lobular 8522/3

Site: breast, NOS C50.9 3/13/11 L

UUID:142F03FE-5B60-416D-8DCD-EC34DB5495DB  
TCGA-BH-A0BA-01A-PR

Redacted



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