

FINAL DIAGNOSIS:

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

- A. ONE OUT OF ONE LYMPH NODE POSITIVE FOR METASTATIC CARCINOMA (1/1).
- B. THE METASTATIC FOCUS MEASURES 3.5 CM AND EXTRACAPSULAR EXTENSION IS IDENTIFIED.

PART 2: BREAST, RIGHT, MODIFIED, RADICAL MASTECTOMY -

- A. INFILTRATING LOBULAR CARCINOMA, PLEOMORPHIC AND CLASSICAL SUBTYPES, NUCLEAR GRADE 3 (see comment).
- B. THE TUMOR MEASURES 7.0 CM (gross measurement) WITH NOTTINGHAM SCORE 8/9 (TUBULES 3, NUCLEAR GRADE 3, MITOSES 2).
- C. THE TUMOR IS MULTIFOCAL AND MULTICENTRIC, PRESENT IN LOWER OUTER QUADRANT (LOQ), UPPER OUTER QUADRANT (UOQ), UPPER INNER QUADRANT (UIQ).
- D. LOBULAR CARCINOMA IN SITU, PLEOMORPHIC TYPE, COMPRISING LESS THAN 5% OF THE TOTAL TUMOR VOLUME AND PRESENT IN ASSOCIATION WITH INVASIVE CARCINOMA.
- E. NO DEFINITIVE LYMPHOVASCULAR INVASION IS IDENTIFIED.
- F. MARGINS: ALL DEEP MARGINS AND ANTERIOR MARGIN ARE FREE OF INVASIVE CARCINOMA.
- G. SKIN AND NIPPLE: THE TUMOR EXTENDS THROUGH THE NIPPLE INTO THE UPPER PAPILLAR DERMIS OF THE SKIN; HOWEVER, NO ULCERATION OR PAGETOID EXTENSION IS IDENTIFIED (see comment-1).
- H. PREVIOUS BIOPSY SITE CHANGES AND ATYPICAL DUCTAL HYPERPLASIA.
- I. LOWER INNER QUADRANT: BENIGN BREAST TISSUE, NO TUMOR SEEN.
- J. ER-POSITIVE, PR-POSITIVE, HER-2/NEU - NEGATIVE (IHC SCORE 0).
- K. AXILLARY LYMPH NODE DISSECTION.
 - a. EIGHT OUT OF TEN LYMPH NODES POSITIVE FOR METASTATIC CARCINOMA (8/10) (see comment-2).
 - b. THE GREATEST DIMENSION OF THE METASTATIC FOCUS IS 2.0 CM AND EXTRACAPSULAR EXTENSION IS IDENTIFIED.

CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right
PROCEDURE: Modified radical mastectomy
LOCATION: Upper outer quadrant
Upper inner quadrant
Lower outer quadrant

SIZE OF TUMOR: Maximum dimension invasive component: 7.0 cm

MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI:

Yes

TUMOR AGGREGATE SIZE: Sum of the sizes of multiple invasive tumors: 7.0 cm

TUMOR TYPE (invasive component):

HISTOLOGIC TYPE: Infiltrating lobular carcinoma
CLASSICAL, PLEOMORPHIC
NOTTINGHAM SCORE: Nuclear grade: 3

Tubule formation: 3
Mitotic activity score: 2
Total Nottingham score: 8
Nottingham grade (1, 2, 3): 33

ANGIOLYMPHATIC INVASION:

No

DERMAL LYMPHATIC INVASION:

No

CALCIFICATION:

No

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT:

No

PAGET'S DISEASE OF NIPPLE:

No

LYMPH NODES POSITIVE:

9

LYMPH NODES EXAMINED:

11

METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain

SENTINEL NODE METASTASIS:

Yes

SIZE OF NODAL METASTASES:

Diameter of largest lymph node metastasis: 35 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: FCD

T STAGE, PATHOLOGIC:

pT3

N STAGE, PATHOLOGIC:

pN2a

M STAGE, PATHOLOGIC:

pMX

ESTROGEN RECEPTORS:

positive

PROGESTERONE RECEPTORS:

positive

HER2/NEU:

zero or 1+

100-0-3
carcinoma, infiltrating lobular, nos 8520/3
Site: breast, nos 050.9 3/13/11 fur

UID: 1EC74E83-9EC8-4986-AE25-848A5F6A1D02
TCGA-BH-A0C1-01A-PR Redacted



Criteria	Yes	No
Diagnosis Discrepancy		2
Primary Tumor Site Discrepancy		2
IIPAX Discrepancy		2
Prior Malignancy History		2
Tumor/Synchronous Primary History		2
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	209	Date Reviewed: 3/13/11