

# FINAL DIAGNOSIS:

## PART 1: LEFT BREAST, SEGMENTAL BIOPSY -

- INVASIVE DUCTAL CARCINOMA, NOTTINGHAM GRADE 7/9 (NUCLEI 3, TUBULES 2, MITOSES 2) WITH FOCI OF MICRO PAPILLARY FEATURES. (See comments).
- MICRO PAPILLARY CARCINOMA ACCOUNT TO ABOUT 10 % OF THE TUMOR MASS
- TUMOR SIZE 2.1 X 1.8 X 1.3 CM.
- DUCTAL CARCINOMA IN-SITU NUCLEAR GRADE 2, SOLID AND MICROPAPILLARY ACCOUNTING TO 5% OF THE TUMOR MASS, PRESENT ADJACENT AND ADMIXED WITH THE INVASIVE CARCINOMA
- NO PROMINENT ANGIOLYMPHATIC INVASION.
- MARGINS ARE FREE OF INVASIVE AND IN SITU CARCINOMA; CLOSEST MARGIN IS POSTERIOR MARGIN WHICH IS 1MM FROM THE TUMOR.
- FIBROCYSTIC CHANGES WITH DUCTAL EPITHELIAL HYPERPLASIA.
- MICROCALCIFICATIONS PRESENT IN BENIGN EPITHELIUM AND ARTERIAL WALL.
- ESTROGEN RECEPTOR POSITIVE, PROGESTERONE RECEPTOR POSITIVE AND HER-2.NEU NEGATIVE (1+)

## PART 2: LEFT AXILLARY DISSECTION CONTENTS, DISSECTION -

- ONE OF SEVENTEEN LYMPH NODES WITH METASTATIC TUMOR (1/17).
- THE METASTATIC CARCINOMA IN THE LYMPH NODE MEASURED 1.2X0.8 CM WITH EXTRACAPSULAR SPREAD ABOUT.

## PART 3: LEFT BREAST, NEW DEEP MARGIN, LEFT SEGMENTAL MASTECTOMY - SKELETAL MUSCLE AND FIBROADIPOSE TISSUE, FREE OF TUMOR.

ICD-0-3

carcinoma, infiltrating ductal, NOS  
8500/3

Site: breast, NOS c50.9 3/13/11

## CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Left  
PROCEDURE: Segmental  
LOCATION: Not specified

SIZE OF TUMOR: maximum dimension invasive component: 2 cm  
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI:

Yes  
TUMOR AGGREGATE SIZE: Sum of the sizes of multiple invasive tumors: 2.1 cm  
TUMOR TYPE (invasive component):

Ductal adenocarcinoma, NOS, Other Type(s): micropapillary  
NOTTINGHAM SCORE: Nuclear grade: 3  
Tubule formation: 2  
Mitotic activity score: 2  
Total Nottingham score: 7  
Nottingham grade (1, 2, 3): 2

ANGIOLYMPHATIC INVASION: No  
DERMAL LYMPHATIC INVASION: Not applicable  
CALCIFICATION: Yes, benign zones  
TUMOR TYPE, IN SITU: Solid, DCIS admixed with invasive carcinoma, Percent of tumor occupied by in situ component: 5 %

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT: No  
Distance of invasive tumor to closest margin: 3 mm  
SURG MARGINS INVOLVED BY IN SITU COMPONENT:

No  
Distance of in situ disease to closest margin: 13 mm  
PAGET'S DISEASE OF NIPPLE: No

LYMPH NODES POSITIVE: 1  
LYMPH NODES EXAMINED: 17

METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain  
SENTINEL NODE METASTASIS: No  
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: FCD

T STAGE, PATHOLOGIC: pT2  
N STAGE, PATHOLOGIC: pN1  
M STAGE, PATHOLOGIC: pMX  
ESTROGEN RECEPTORS: positive  
PROGESTERONE RECEPTORS: positive  
HER2/NEU: zero or 1+

UUID: CE32A294-10FC-4DBA-A779-FAEEBE677D38  
TCGA-BH-A0E7-01A-PR

Redacted



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