

Collection Date:

FINAL DIAGNOSIS:

PART 1: SENTINEL LYMPH NODE #1, BIOPSY -

- A. ONE LYMPH NODE WITH MICROMETASTATIC CARCINOMA (1/1).
- B. MICRO METASTATIC TUMOR MEASURES 1 MM IN GREATEST DIMENSION.
- C. NO EXTRACAPSULAR EXTENSION IS IDENTIFIED.

PART 2: SENTINEL LYMPH NODE #2, BIOPSY -

ONE LYMPH NODE, NEGATIVE FOR TUMOR (0/1).

PART 3: SENTINEL LYMPH NODE #3, BIOPSY -

ONE LYMPH NODE, NEGATIVE FOR TUMOR (0/1).

PART 4: LEFT BREAST, SEGMENTAL MASTECTOMY AT 4 O'CLOCK -

- A. INFILTRATING DUCTAL CARCINOMA, 1.5 CM IN GREATEST DIMENSION ASSOCIATED WITH MICROCALCIFICATIONS.
- B. NOTTINGHAM SCORE 8/9 (TUBULES 2, NUCLEAR GRADE 2, MITOTIC ACTIVITY 2), NOTTINGHAM GRADE 2).
- C. NO LYMPHOVASCULAR INVASION IS IDENTIFIED.
- D. DUCTAL CARCINOMA IN SITU, CRIBRIFORM TYPE, NUCLEAR GRADE 2 WITH COMEDO-TYPE NECROSIS AND ASSOCIATED MICROCALCIFICATIONS COMPRISING 3% OF INVASIVE TUMOR AND ALSO PRESENT IN THE SURROUNDING BREAST TISSUE.
- E. SURGICAL MARGINS ARE NEGATIVE FOR INFILTRATING DUCTAL CARCINOMA AND DUCTAL CARCINOMA IN SITU.
- F. INFILTRATING DUCTAL CARCINOMA IS FOCALLY PRESENT 3 MM AWAY FROM POSTERIOR MARGIN.
- G. DUCTAL CARCINOMA IN SITU FOCALLY VERY CLOSELY APPROACHES SUPERIOR MARGIN (0.2 MM).
- H. ATYPICAL DUCTAL HYPERPLASIA.
- I. PERIPHERAL PAPHILOMAS.
- J. DUCTAL EPITHELIAL HYPERPLASIA AND COLUMNAR CELL CHANGE.

CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY:

Left

PROCEDURE:

Segmental

LOCATION:

Clock position: 4:00

SIZE OF TUMOR:

Maximum dimension invasive component: 15 mm

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: 8

Nottingham grade (1, 2, 3): 2

ANGIOLYMPHATIC INVASION:

No

DERMAL LYMPHATIC INVASION:

Not applicable

CALCIFICATION:

Yes, malignant zones

TUMOR TYPE, IN SITU:

Cribiform

Percent of tumor occupied by in situ component: 3%

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: 0.2 mm

LYMPH NODES POSITIVE:

1

LYMPH NODES EXAMINED:

3

METHOD(S) OF LYMPH NODE EXAMINATION:

H/E stain

SENTINEL NODE METASTASIS:

Yes

SIZE OF NODAL METASTASES:

Diameter of largest lymph node metastasis: 1 mm

LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION:

No

NON-NEOPLASTIC BREAST TISSUE:

ADH, Papilloma, FCD

T STAGE, PATHOLOGIC:

pT1c

N STAGE, PATHOLOGIC:

pN1mi

M STAGE:

Not applicable

ESTROGEN RECEPTORS:

positive

PROGESTERONE RECEPTORS:

positive

HER2/NEU:

1+

ICD-0-3
Carcinoma, Infiltrating
ductal, NOS
8500/3
Site: breast, NOS
9-1-12 C50.9
RO

Criteria	Yes	No
Biogenesis Discrepancy		
Primary Tumor Site Discrepancy		
IPAA Discrepancy		
Prior Malignancy History		
Met/Synchronous Primary Noted		
Case is (circle):		
Reviewer Initials		

QUALIFIED / DISQUALIFIED
Date Reviewed: 7/24/13
82/12