

FINAL DIAGNOSIS:

PART 1: RIGHT AXILLARY SENTINEL LYMPH NODE #1, EXCISION -
LYMPH NODE WITH METASTATIC DUCTAL CARCINOMA, PAPILLARY TYPE, EXHIBITING EXTRACAPSULAR
SPREAD MEASURING 0.3 CM (See comment).

PART 2: BREAST, RIGHT, MODIFIED RADICAL MASTECTOMY -

- A. INVASIVE DUCTAL CARCINOMA, PAPILLARY TYPE, ARISING IN A BACKGROUND OF INTRACYSTIC PAPILLARY CARCINOMA.
- B. NOTTINGHAM GRADE 2 (NUCLEAR 2, TUBULES 3, MITOSIS 1; TOTAL NOTTINGHAM SCORE 6/9).
- C. TUMOR SIZE IS 3 X 2.5 X 2.4 CM.
- D. DUCTAL CARCINOMA IN SITU, PAPILLARY AND MICROPAPILLARY, NUCLEAR GRADE 2, PRESENT ADJACENT AND AWAY FROM THE TUMOR, AND ACCOUNTING FOR 5% OF TUMOR MASS.
- E. NO ANGIOLYMPHATIC IDENTIFIED.
- F. ALL MARGINS ARE FREE OF THE INVASIVE AND IN SITU CARCINOMA. CLOSEST MARGIN IS THE ANTERIOR MARGIN (SKIN), WHICH IS 1.2 CM FROM THE TUMOR.
- G. ~~ORGANIZING~~ HEMATOMA WITH GRANULATION TISSUE, HEMOSIDERIN-LADEN MACROPHAGES, FAT NECROSIS AND FOREIGN BODY GIANT CELL REACTION (BIOPSY SITE).
- H. NIPPLE AND SKIN WITH DUCT ECTASIA AND HEMOSIDERIN-LADEN MACROPHAGES WITHIN THE LUMINA OF SOME OF THE LACTIFEROUS DUCTS.
- I. FIBROCYSTIC CHANGES.
- J. ONE OF SIXTEEN AXILLARY SENTINEL LYMPH NODES WITH METASTATIC DUCTAL CARCINOMA (1/16).

CASE SYNOPSIS:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right
PROCEDURE: Modified radical mastectomy
LOCATION: Lower outer quadrant
Lower inner quadrant
SIZE OF TUMOR: Maximum dimension invasive component: 3 cm
MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No
TUMOR AGGREGATE SIZE: Sum of the sizes of multiple invasive tumors: 3 cm
TUMOR TYPE (invasive component): Papillary carcinoma

NOTTINGHAM SCORE: Nuclear grade: 2
Tubule formation: 3
Mitotic activity score: 1
Total Nottingham score: 6
Nottingham grade (1, 2, 3): 2

ANGIOLYMPHATIC INVASION: No
DERMAL LYMPHATIC INVASION: No
CALCIFICATION: Yes, benign zones
TUMOR TYPE, IN SITU: Papillary
DCIS admixed and outside of invasive carcinoma component
Percent of tumor occupied by in situ component: 5 %

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT: No

SURG MARGINS INVOLVED BY IN SITU COMPONENT: No

PAGET'S DISEASE OF NIPPLE: No
LYMPH NODES POSITIVE: 2
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: 3 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: unknown
PROGESTERONE RECEPTORS: unknown
HER2/NEU: unknown

100-0-3

Carcinoma, papillary, intraductal 8503/3
Site: breast, nos C50.9 3/13/11 Lx

UUID: 79DAEAE5-A177-40E0-9BFC-54DC9F544764
TCGA-BH-A0HL-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		X
Primary Tumor Site Discrepancy		X
HPAA Discrepancy		X
Prior Malignancy History		X
Dual/Synchronous Primary Noted		
Case is (circle): QUALIFIED / DISQUALIFIED		
Reviewer Initials: <i>WJS</i> Date Reviewed: <i>5/15/11</i>		

WJS 3/13/11