

**FINAL DIAGNOSIS:**

PART 1: LEFT AXILLARY SENTINEL LYMPH NODE, BIOPSY - TWO LYMPH NODES, EACH CONTAINING METASTATIC CARCINOMA, EACH DEPOSIT

- A. TWO LYMPH NODES, EACH CONTAINING METASTATIC CARCINOMA, EACH DEPOSIT MEASURING LESS THAN 2MM IN GREATEST DIMENSION (2/2).
- B. NO EXTRACAPSULAR EXTENSION IDENTIFIED.

PART 2: LEFT AXILLARY SENTINEL LYMPH NODE #2, BIOPSY - TWO LYMPH NODES, NEGATIVE FOR NEOPLASM (0/2).

PART 3: LEFT BREAST TOTAL MASTECTOMY -

- A. INFILTRATING DUCTAL CARCINOMA, NOTTINGHAM GRADE 2 (NUCLEAR GRADE 2, TUBULE SCORE 3). MITOTIC ACTIVITY SCORE 2; TOTAL SCORE 7/9).
- B. TUMOR MEASURES 4.5 CM IN GREATEST DIMENSION.
- C. LYMPHOVASCULAR SPACE INVASION IS PRESENT.
- D. TUMOR IS PRESENT IN THE LOWER INNER QUADRANT.
- E. MARGINS ARE NEGATIVE FOR NEOPLASM; TUMOR APPROACHES MOST CLOSELY TO THE ANTERIOR MARGIN (1.5 MM).
- F. FIBROCYSTIC CHANGES.
- G. NIPPLE SKIN IS NEGATIVE FOR NEOPLASM.
- H. PATHOLOGIC STAGE: pT2 pN1mi pMX.

**CASE SYNOPSIS:**

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Left

PROCEDURE: Simple mastectomy

LOCATION: Lower inner quadrant

SIZE OF TUMOR: Maximum dimension invasive component: 4.5 cm

MULTICENTRICITY/MULTIFOCALITY OF INVASIVE FOCI: No

TUMOR TYPE (invasive component): Ductal adenocarcinoma, NOS

NOTTINGHAM SCORE:

Nuclear grade: 2

Tubule formation: 3

Mitotic activity score: 2

Total Nottingham score: 7

Nottingham grade (1, 2, 3): 2

ANGIOLYMPHATIC INVASION: Yes

DERMAL LYMPHATIC INVASION: No

CALCIFICATION: No

SURGICAL MARGINS INVOLVED BY INVASIVE COMPONENT: No

Distance of invasive tumor to closest margin: 1.5 mm

LYMPH NODES POSITIVE: 2

LYMPH NODES EXAMINED: 6

METHOD(S) OF LYMPH NODE EXAMINATION: H/E stain

SENTINEL NODE METASTASIS: Yes

ONLY KERATIN POSITIVE CELLS ARE PRESENT: No

SIZE OF NODAL METASTASES: Diameter of largest lymph node metastasis: 1 mm

LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION: No

T STAGE, PATHOLOGIC: pT2

N STAGE, PATHOLOGIC: pN1mi

M STAGE, PATHOLOGIC: pMX

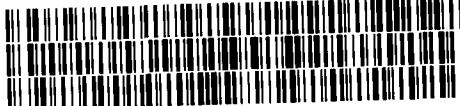
ESTROGEN RECEPTORS: positive

PROGESTERONE RECEPTORS: positive

HER2/NEU: 2+

ICD-O-3  
carcinoma, infiltrating ductal, nos 8500/3  
Site: breast, nos C50.9 3/13/11 hr

UUID:891F4C63-8207-4CB8-AB59-A970CC6F1A1A  
TCGA-BH-A0E1-01A-PR Redacted



Criteria	Yes	No
Diagnosis Discrepancy	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Primary Tumor Site Discrepancy	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HIPAA Discrepancy	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Prior Malignancy History	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diag/Synchronous Primary Notes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Case is (circle): <input checked="" type="checkbox"/> DISQUALIFIED <input type="checkbox"/> QUALIFIED	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Reviewer Initials: <i>JW</i>	Date Reviewed: <i>3/13/11</i>	