

# FINAL DIAGNOSIS:

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

- METASTATIC CARCINOMA INVOLVING ONE LYMPH NODE (1/1).
- METASTATIC FOCUS MEASURES 3.0 CM IN GREATEST DIAMETER (ENTIRE LYMPH NODE).
- EXTRACAPSULAR EXTENSION IS IDENTIFIED MEASURING 0.2 X 0.1 CM.

## PART 2: BREAST, LEFT, SIMPLE MASTECTOMY -

- DUCTAL EPITHELIAL HYPERPLASIA.
- PREDOMINANTLY ADIPOSE BREAST PARENCHYMA.
- SKIN AND NIPPLE HISTOLOGICALLY UNREMARKABLE.

## PART 3: BREAST, RIGHT, MODIFIED RADICAL MASTECTOMY -

- INVASIVE DUCTAL CARCINOMA 3.0 CM (GROSS) NOTTINGHAM GRADE 3 (COMBINED NOTTINGHAM SCORE 8/9: TUBULE FORMATION 3/3, NUCLEAR PLEOMORPHISM 2/3, MITOTIC ACTIVITY 3/3) WITH LYMPHOPLASMACYTIC INFILTRATE AND NECROSIS.
- DEFINITIVE LYMPHOVASCULAR INVASION.
- DUCTAL CARCINOMA IN SITU IS NOT IDENTIFIED.
- RESECTION MARGINS FREE.
- DUCTAL EPITHELIAL HYPERPLASIA.
- SKIN AND NIPPLE, HISTOLOGICALLY UNREMARKABLE.
- TWENTY-TWO LYMPH NODES, NEGATIVE FOR METASTATIC CARCINOMA (0/22).
- PATHOLOGIC STAGE (see comment).
- RECEPTOR STATUS (see comment).

## CASE SYNOPSIS:

### SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

LATERALITY: Right  
 PROCEDURE: Modified radical mastectomy  
 LOCATION: Upper inner quadrant  
 SIZE OF TUMOR: Maximum dimension invasive component: 3.0 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: 3  
 Total Nottingham score: 8  
 Nottingham grade (1, 2, 3): 3

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: 1  
 LYMPH NODES EXAMINED: 23

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

SIZE OF NODAL METASTASES: Diameter of largest lymph node metastasis: 30.0 mm

LYMPH NODE METASTASIS(-ES) WITH EXTRACAPSULAR EXTENSION: Yes

SKIN INVOLVED (ULCERATION): No

T STAGE, PATHOLOGIC: p12

N STAGE, PATHOLOGIC: pN1a

M STAGE, PATHOLOGIC: pMX

ESTROGEN RECEPTORS: positive

PROGESTERONE RECEPTORS: positive

HER2/NEU: 2+

1CD-0-3

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

UUID: 35FFF2A4-7956-47AC-B688-1AA6775E332B  
 TCGA-BH-A0DD-01A-PR

Redacted



Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
HPAA Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary Tumor		
Case is (circle): QUALIFIED / DISQUALIFIED		
Reviewer Initials	Date Reviewed: 3/15/11	