



ICB-0-3

carcinoma, infiltrating duct, Nos 8500/3

Site: breast, Nos C50.9  
4/27/11

## SURGICAL REPORT

Name: .  
 Sex: F  
 DOB:  
 Location:  
 Doctor:

Pathology Number:  
 Date Collected:  
 Date Received:  
 M.R. Number:  
 Account Number

### PRE-OPERATIVE DIAGNOSIS

RIGHT BREAST CA

### POST-OPERATIVE DIAGNOSIS

RIGHT BREAST CA

### PROCEDURE

RIGHT BREAST LUMPECTOMY WITH SENTINEL LYMPH NODE BIOPSY, F.S.; POSSIBLE AXILLARY DISSECTION, POSSIBLE SAPI PREP DEVICE INSERTION

### TISSUES

- A. SENTINEL LYMPH NODE (S) - RIGHT SENTINEL LYMPH NODE #1 \* \*
- B. SENTINEL LYMPH NODE (S) - RIGHT SENTINEL LYMPH NODE #2 \* \*
- C. BREAST EXCISION, NEEDLE LOC, SIMPLE, MARGINS, ETC. - RIGHT BREAST LUMP

### FS DIAGNOSIS

- A. RIGHT SENTINEL LYMPH NODE #1, -  
ONE NEGATIVE NODE (0/1).
- B. RIGHT SENTINEL LYMPH NODE #2, -  
ONE NEGATIVE NODE (0/1).
- C. RIGHT BREAST LUMP (GROSS MARGINS) -  
THE TUMOR MASS MEASURES 2.5 CM. IN MAXIMUM DIMENSION AND ALL SURGICAL MARGINS ARE FREE OF LESION.

(REPORTED TO SURGEON:

Diagnosed by:

### FINAL DIAGNOSIS

- A. RIGHT SENTINEL LYMPH NODE #1 -  
ONE REACTIVE LYMPH NODE (0/1).
- B. RIGHT SENTINEL LYMPH NODE #2 -  
ONE REACTIVE LYMPH NODE (0/1).
- C. RIGHT BREAST LUMP -  
INFILTRATIVE DUCT CARCINOMA (2.5 CM.)  
SCARFF-BLOOM-RICHARDSON GRADING:  
GRADE III OF III (ABSENT TUBULE FORMATIONS, HIGH GRADE NUCLEAR FEATURES AND HIGH MITOTIC INDEX).  
ANGIOLYMPHATIC INVASION:

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**PROBABLE  
DCIS/ATYPICAL DUCTAL HYPERPLASIA:  
PRESENT, GIBRIFORM PATTERN, HIGH GRADE NUCLEAR FEATURES AND  
COMPRISE ABOUT 6% OF THE TUMOR.  
SURGICAL MARGINS:  
UNINVOLVED.  
NON-NEOPLASTIC BREAST:  
FIBROCYSTIC CHANGES WITH MICROCALCIFICATION.  
MAMMARY VESSEL MEDIAL CALCIFICATION.**

Diagnosed by: M.D., Pathologist

Reviewed and electronically signed out by:

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**COMMENT**

The ER, PR and Her-2/neu (IHC) have been performed on surgical

This case is discussed with Dr. by Dr. --

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**COMMENT2**

Immunohistochemical (IHC) stain for panKeratin (AE1/AE3) is negative for micrometastases in right sentinel lymph nodes (blocks FSA, A, FSB, B).

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**GROSS DESCRIPTION**

- The specimen is received in three separate containers labeled designated A, B, C.
- A. The container is received fresh unfixed labeled "right sentinel lymph node #1 for frozen section" and consists of an ovoid mass of apparent fat which is 1 x 0.6 x 0.4 cm. Sectioning reveals a 0.3 cm. tan-gray firm nodule. Frozen section is obtained by Dr. The entire specimen including frozen section is submitted in two blocks.
- B. The container is received fresh unfixed labeled "right sentinel lymph node #2 for frozen section" and consists of an irregular mass of apparent fat which is 0.6 x 0.4 x 0.4 cm. Sectioning reveals a thin rim of tan-gray firm rubbery tissue 0.4 x 0.3 x 0.2 cm. Frozen section is obtained by Dr. The entire specimen including frozen section is submitted in two blocks.
- C. The container is received fresh unfixed labeled "right breast lump" and consists of a 26 gm. ovoid mass of apparent fatty and fibrous-encased tissue which is 5.5 x 4 x 3.5 cm. in greatest overall dimension. There are two short sutures indicating superior margin inked with red dye, inferior is inked yellow. There is a single long suture indicating lateral margin inked with green dye, medial is inked blue. There is a single short suture indicating anterior margin inked with orange dye, posterior/deep is inked black. Sectioning reveals a tumor mass 2.5 x 2.3 x 1.5 cm. in greatest overall dimension and grossly appears to be 0.4 cm. from the superior, 0.5 cm. from the inferior, 1 cm. from the lateral, 0.8 cm. from the medial, 0.8 cm. from the anterior, and 0.5 cm. from the posterior. The entire specimen is submitted in sixteen blocks.

Note: Gross margins are observed by Dr. Gross margins are free. The closest margin is superior which is about 4 mm.

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Key Note Block Summary: 1—superior, 2—inferior, 3—lateral, 4—medial, 5—anterior, 6—posterior (all are perpendicular), 7 through 16—remaining. (fixation time 9:28 a.m.)

**MICROSCOPIC EXAM  
SYNOPTIC REPORT:**

Specimen Laterality: Right  
Procedure: Excision w/o wire-guided loc  
Specimen Integrity: Single intact specimen  
Lymph Node Sampling: Sentinel lymph nodes  
Specimen Size: 5.5 x 4 x 3.5 cm.  
Invasive Carcinoma Size: 2.5 cm.  
Tumor Focality: Single  
Extent of Tumor: Skin not present  
No skeletal muscle present  
In-situ Component: DCIS  
Histologic Type: Ductal  
Histologic Grade: 3  
Glandular/Tubular Differentiation: 3  
Nuclear Pleomorphism: 3  
Mitotic Count: 3  
Margins: Margins uninvolved by invasive carcinoma  
Distance from closest margin: 4 mm, superior  
Margins uninvolved by DCIS  
Lymph Nodes: 2 SLN examined  
2 Total LN examined  
Pathologic Staging: pT2 pN0 MX  
ER: 0%  
PR: 2%  
Her-2/neu IHC: Negative

MICROSCOPIC EXAMINATION CONDUCTED BY PATHOLOGIST CONFIRMS FINAL DIAGNOSIS.

SPECIAL STAINS PERFORMED: Cytokeratin (AE1/AE3) (specimens A&B) (

Criteria	Yes	No
Diagnosis Discrepancy		/
Primary Tumor Site Discrepancy		/
IPAA Discrepancy		/
Prior Malignancy History		/
Qual/Synchronous Primary Noted		/
Case is (circle): QUALIFIED DISQUALIFIED		
Reviewer: Initials Date Reviewed		

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