

ICD-0-3

Carcinoma, infiltrating duct, Nos 8500/3  
Site: breast, Nos C50.9 - 1/27/11 hr

## SURGICAL REPORT

Name

Sex: F

DOB

Location:

Doctor:

Pathology Number

Date Collected:

Date Received:

M.R. Number:

Account Number:

### PRE-OPERATIVE DIAGNOSIS

LEFT BREAST CANCER

### POST-OPERATIVE DIAGNOSIS

LEFT BREAST CANCER

### PROCEDURE

LEFT BREAST LUMPECTOMY, LEFT AXILLARY SENTINEL MAPPING, F.S.

### TISSUES

- A. BREAST EXCISION, NEEDLE LOC, SIMPLE, MARGINS, ETC. - LEFT BREAST LUMP
- B. MARGINS - ADDITIONAL ANTERIOR MARGIN
- C. MARGINS - ADDITIONAL SUPERIOR MARGIN
- D. LYMPH NODE (S) - SENTINEL LYMPH NODE #1 \*\*FS\*\*
- E. LYMPH NODE (S) - SENTINEL LYMPH NODE #2 \*\*FS\*\*
- F. LYMPH NODE (S) - SENTINEL LYMPH NODE #3 \*\*FS\*\*
- G. LYMPH NODE (S) - SENTINEL LYMPH NODE #4 \*\*FS\*\*
- H. LYMPH NODE (S) - ADDITIONAL NON-SENTINEL NODE \*\*FS\*\*

UUID: E1D8F2CB-25F1-49E0-92D3-132DCA8FD533

TCGA-A2-A0YM-01A-PR

Redacted



### FS DIAGNOSIS

- A. LEFT BREAST LUMP "GROSS MARGINS" -  
BREAST TISSUE WITH TUMOR (2.4 X 2.2 X 2.2 CM.) EXTENDING WITHIN 0.2 CM.  
OF NEAREST SUPERIOR SURGICAL MARGIN AND 0.3 CM. OF ANTERIOR SURGICAL  
MARGIN.

ALL DESIGNATED SURGICAL MARGINS ARE FREE OF TUMOR (GROSS).

- D. SENTINEL LYMPH NODE #1, F.S. -  
LYMPH NODE, NEGATIVE FOR MALIGNANCY.
- E. SENTINEL LYMPH NODE #2, F.S. -  
LYMPH NODE, NEGATIVE FOR MALIGNANCY.
- F. SENTINEL LYMPH NODE #3, F.S. -  
LYMPH NODE, NEGATIVE FOR MALIGNANCY.
- G. SENTINEL LYMPH NODE #4, F.S. -  
LYMPH NODE, NEGATIVE FOR MALIGNANCY.
- H. SENTINEL LYMPH NODE #5, F.S. -  
LYMPH NODE, NEGATIVE FOR MALIGNANCY.

(Reported to surgeon:

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RECEIVED

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Patient Name:

Pathology Number:

Diagnosed by:

**FINAL DIAGNOSIS**

- A. LEFT BREAST LUMP -  
INFILTRATIVE DUCT CARCINOMA (2.4 CM.).  
BLOOM-RICHARDSON GRADING:  
GRADE III OF III (MINIMAL TUBULE FORMATIONS, HIGH NUCLEAR GRADE  
AND HIGH MITOTIC INDEX).  
DCIS:  
NONE IDENTIFIED.  
TUMORAL NECROSIS/CALCIFICATION:  
NECROSIS ONLY.  
LOBULAR CANCERIZATION:  
PRESENT, FOCAL.  
SURGICAL MARGINS:  
UNINVOLVED, SUPERIOR MARGIN IS THE CLOSEST AND IS 0.2 CM. FROM  
THE TUMOR.**
- B. ADDITIONAL ANTERIOR MARGIN -  
BENIGN BREAST TISSUE, THE NEW REVISED ANTERIOR MARGIN IS 0.9 CM. (0.3  
+ 0.6 CM.).**
- C. ADDITIONAL SUPERIOR MARGIN -  
BENIGN BREAST TISSUE, THE NEW REVISED SUPERIOR MARGIN IS 0.8 CM.  
(0.2 + 0.6 CM.).**
- D. SENTINEL LYMPH NODE #1 -  
ONE BENIGN REACTIVE LYMPH NODE (0/1).**
- E. SENTINEL LYMPH NODE #2 -  
ONE BENIGN REACTIVE LYMPH NODE (0/1).**
- F. SENTINEL LYMPH NODE #3 -  
ONE BENIGN REACTIVE LYMPH NODE (0/1).**
- G. SENTINEL LYMPH NODE #4 -  
ONE BENIGN REACTIVE LYMPH NODE (0/1).**
- H. ADDITIONAL NON-SENTINEL LYMPH NODE -  
ONE BENIGN REACTIVE LYMPH NODE.**

**PTNM CLASSIFICATION: T2, N0, MX, STAGE IIA.**

Diagnosed by:

Reviewed and electronically signed out by:

**COMMENT**

The ER, PR, and Her-2/neu have been performed on previous surgical  
discussed with Dr. by Dr.

This case is

**COMMENT2**

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Lymph nodes in parts D, E, F, G and H are negative for malignancy by Cytokeratin (AE1/AE3) staining.

### GROSS DESCRIPTION

The specimen is received in eight separate containers labeled through H.

Initiated A

- A. The container is received fresh unfixed labeled "left breast lump for gross margin". The specimen consists of a 20 gm. ovoid mass of apparent fatty and fibrous encased tissue which is 4.1 x 3.3 x 2.5 cm. in greatest overall dimension. There is a single short suture indicating anterior margin inked with yellow dye, posterior/deep margin is inked black. There are two short sutures indicating superior margin inked with orange dye, inferior is inked red. There is a single long suture indicating lateral margin inked with blue dye, medial is inked green. Sectioning reveals a well-circumscribed tumor mass which is 2.4 x 2.2 x 2.2 cm. in greatest overall dimension and consists of a pink-tan firm with scattered cystic spaces filled with amber-colored fluid. The tumor mass grossly appears to be 0.3 cm. from the anterior, 0.5 cm. from the posterior/deep, 0.2 cm. from the superior, 0.4 cm. from the inferior, 0.6 cm. from the lateral, 0.6 cm. from the medial. The specimen is submitted in ten blocks.

Key Note Block Summary: 1—anterior, 2—posterior/deep, 3—superior, 4—inferior, 5—medial, 6—lateral, 7 through 10—remaining.

- B. The container is received fresh unfixed labeled "additional anterior margin – suture on new anterior margin". The specimen consists of a 2 gm. ovoid mass of apparent fatty tissue which is 3.5 x 2 x 0.6 cm. in greatest overall dimension. There is an attached suture indicating new anterior margin inked orange. Serial sectioning reveals fatty tissue and a scant amount of pink-tan firm tissue. The entire specimen is submitted in two blocks.
- C. The container is received fresh unfixed labeled "additional superior margin – suture on new superior margin". The specimen consists of a 3 gm. ovoid mass of apparent fatty tissue which is 2.5 x 2.5 x 0.6 cm. in greatest overall dimension. The attached suture indicates new superior margin inked with yellow dye. Serial sectioning reveals fatty tissue. The entire specimen is submitted in two blocks.
- D. The container is received fresh unfixed labeled "sentinel lymph node #1 for frozen section". The specimen consists of an ovoid nodule of tan-gray firm rubbery tissue with attached fatty material measuring 0.6 x 0.6 x 0.4 cm. Touch prep and frozen section are obtained by Dr. The entire specimen including frozen section is submitted in two blocks.
- E. The container is received fresh unfixed labeled "sentinel lymph node #2 for frozen section". The specimen consists of an ovoid nodule of tan-gray firm rubbery tissue with attached fatty material 0.3 x 0.3 x 0.2 cm. Touch prep and frozen section are obtained by Dr. The specimen is bisected and the entire specimen including frozen section is submitted in two blocks.
- F. The container is received fresh unfixed labeled "sentinel lymph node #3". The specimen consists of an ovoid nodule of tan-gray firm rubbery tissue with attached fatty material 0.3 x 0.3 x 0.3 cm. Frozen section and touch prep are obtained by Dr. The specimen is bisected and the entire specimen including frozen section is submitted in two blocks.
- G. The container is received fresh unfixed labeled "sentinel lymph node #4 for frozen section". The specimen consists of an ovoid nodule of tan-gray firm rubbery tissue with fatty material 0.6 x 0.3 x 0.3 cm. Frozen section and touch prep are obtained by Dr. The specimen is bisected. The entire specimen including frozen section is submitted in two blocks.

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- H. The container is received fresh unfixed labeled "additional non-sentinel node for frozen section". The specimen consists of an ovoid nodule of tan-gray firm rubbery tissue with attached fatty material 0.3 x 0.2 x 0.2 cm. Frozen section and touch prep are obtained by Dr. The specimen is bisected. The entire specimen including frozen section is submitted in two blocks.

#### MICROSCOPIC EXAM

MICROSCOPIC EXAMINATION CONDUCTED BY PATHOLOGIST CONFIRMS FINAL DIAGNOSIS.

SPECIAL STAINS PERFORMED: Cytokeratin (AE1/AE3) (specimens D, E, F, G, H)

Criteria	Yes	No
Diagnosis Discrepancy		
Primary/Tumor Site Discrepancy		
HIFAA Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary Noted		
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials:	WJG	WJG

Patient Name:

Pathology Number:

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