

RUN DATE:
 RUN TIME:
 RUN USER:

PAGE 1

PATIENT:

ACCT #:

LOC:

REG DR:

AGE/SX:

ROOM:

DOB:

BED:

STATUS:

SPEC #:

RECD:

STATUS:

COLL:

TIME IN FORMALIN:

hrs.

COLD ISCHEMIA TIME:

mins.

CLINICAL INFORMATION:

Pre-Op Diagnosis:

Remarks:

Specimen(s): Left breast, stitch left axillary apex

MICROSCOPIC DIAGNOSIS

LEFT BREAST, SKIN-SPARING RADICAL MASTECTOMY:

- INVASIVE DUCTAL CARCINOMA, HIGH GRADE
- NOTTINGHAM HISTOLOGIC SCORE
 - GLANDULAR/TUBULAR DIFFERENTIATION SCORE 3
 - NUCLEAR PLEOMORPHISM SCORE 3
 - MITOTIC RATE SCORE 2
 - OVERALL GRADE 3 (8 OF 9)
- MARGINS UNINVOLVED BY INVASIVE CARCINOMA
- CARCINOMA IS 5.5 MM FROM THE CLOSEST MARGIN (POSTERIOR MARGIN)
- MINUTE FOCUS OF HIGH-GRADE DCIS PRESENT WITHIN AREA OF CARCINOMA (1 MM IN SIZE)
- LYMPH-VASCULAR INVASION IDENTIFIED
- METASTATIC CARCINOMA INVOLVING TWO (2) OF ELEVEN (11) LYMPH NODES (2/11)
 - LARGEST TUMOR DEPOSIT IS 14.5 MM
 - EXTRACAPSULAR EXTENSION IDENTIFIED
- SEE SYNOPTIC REPORT

ICD-O-3
 Carcinoma, infiltrating duct NOS
 Site Breast C50.9
 path
 Breast, upper outer quadrant
 C50.4
 8500/3
 10/10/13

COMMENT(S)

SURGICAL PATHOLOGY CANCER CASE SUMMARY - APPROVED BY

PROCEDURE:

Total mastectomy, skin sparing

LYMPH NODE SAMPLING:

Axillary dissection

SPECIMEN LATERALITY:

Left

TUMOR SITE:

Upper outer quadrant

HISTOLOGIC TYPE OF INVASIVE

Invasive ductal carcinoma

CARCINOMA:

TUMOR SIZE:

Greatest dimension of largest focus of invasion:
25 mm

Additional dimensions: 22 x 20 mm

HISTOLOGIC GRADE (NOTTINGHAM

HISTOLOGIC SCORE):

Glandular/tubular differentiation: score 3

Nuclear pleomorphism: score 3

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(Continued)

COMMENT(S)

(Continued)

TUMOR FOCALITY:
DUCTAL CARCINOMA IN SITU:

Mitotic rate: score 2
Overall grade: grade 3
Single focus of invasive carcinoma
DCIS is present
Estimated size of DCIS: 1 mm
Architectural pattern: comedo
Nuclear grade: grade III
Necrosis: present, central

LOBULAR CARCINOMA IN SITU:
MARGINS:

Not identified
Invasive carcinoma:
Margins uninvolved by invasive carcinoma
Distance from closest margin: 5.5 mm,
posterior

LYMPH NODES:

DCIS:
Margins uninvolved by DCIS
Number of sentinel lymph nodes examined: 0
Total number of lymph nodes examined: 11
Number of lymph nodes with macrometastases: 2
Number of lymph nodes with ITC: 0
Size of largest metastatic deposit: 14.5 mm
Extranodal extension: present
Method of evaluation of sentinel lymph nodes:
H&E, multiple levels

LYMPH-VASCULAR INVASION:
DERMAL LYMPH-VASCULAR INVASION:
PATHOLOGIC STAGING:

Present
Not identified
Primary tumor: pT2
Regional lymph nodes: pN1a
Distant metastasis: not applicable

ANCILLARY STUDIES:

(RESULTS FROM CASE -
Estrogen Receptor: positive (99% of tumor cells
with nuclear positivity)
Progesterone Receptor: positive (99% of tumor
cells with nuclear positivity)
Her2/neu:
Immunoperoxidase studies: negative (1+)

GROSS DESCRIPTION:

Received fresh is a skin-sparing left radical mastectomy weighing 756 grams and measuring 27 cm from medial to the axillary tail, 18 cm from superior to inferior, and 2.5 cm anterior to posterior. There is a linear portion of skin including nipple measuring 9 x 2.1 cm. A mass is palpated in the lower portion of the upper outer quadrant. The deep margin underlying this tumor is inked black, and the anterior margin is inked blue. A cut is made from the posterior side, and a portion of tumor is given to the Tumor Bank. The tumor measures 2.5 x 2.2 x 2.0 cm. It is firm with focal areas of hemorrhage. There is an adjacent well-circumscribed tan-white soft, freely mobile area measuring up to 4.5 cm in greatest dimension. The carcinoma measures 0.8 cm from the posterior black-inked margin and 0.9 cm from the anterior blue-inked margin. The other margins are greater than 3 cm

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SPEC #: [REDACTED]

(Continued)

GROSS DESCRIPTION: (Continued)

from the tumor including the nipple. The remainder of the breast is serially sectioned to reveal no additional masses, cysts or other gross abnormalities. There is a fat to fibrous ratio of up to 50:50. The most fibrotic areas are closest to the lateral quadrants, particularly the upper outer quadrant. The detached axillary tail itself measures 13.2 x 5.5 x 2.6 cm. Serial section reveals multiple lymph nodes, the largest of which measures 2.2 x 1.5 x 1 cm. Sections are as follows:

- 1 - tumor as it most closely approximates the anterior margin
- 2 - tumor as it most closely approximates the posterior margin
- 3 - additional representative section of tumor
- 4 - representative section of fibrotic area adjacent to tumor
- 5 - representative section of nipple
- 6-7 - additional representative sections of very fibrotic areas in the lateral quadrant
- 8 - representative sections of the medial quadrants
- 9-10 - multiple lymph nodes
- 11-12 - one lymph node each, bisected

PHOTO DOCUMENTATION

Signed ____ (signature on file) ____

** END OF REPORT **

Criteria	Yes	No
Diagnosis Discrepancy		✓
Primary Tumor Site Discrepancy		✓
HIPAA Discrepancy		✓
Prior Malignancy History		✓
Dual/Synchronous Primary Noted		✓
Case is (circle) QUALIFIED / DISQUALIFIED		
Reviewer Initials	Date Reviewed: 9/18/13	