

TSS:

100-0-13
Carcinoma, infiltrating ductal, NOS
8500/3

SPECIMENS:

- A. LEFT MODIFIED RADICAL MASTECTOMY
- B. LEFT AXILLARY CONTENTS LEVELS 1 AND 2

Path Site: breast, upper outer quadrant C50.4

COLF Site: breast, NOS C50.9

2/15/11

SPECIMEN(S):

- A. LEFT MODIFIED RADICAL MASTECTOMY
- B. LEFT AXILLARY CONTENTS LEVELS 1 AND 2

INTRAOPERATIVE CONSULTATION DIAGNOSIS:

Gross Exam A Left breast, modified radical mastectomy: Tumor is grossly 0.1 cm for posterior margin and >0.5 cm from other margins.

By Dr., called to Dr. at

GROSS DESCRIPTION:

A. LEFT MODIFIED RADICAL MASTECTOMY

Received fresh labeled with the patient name designated "left modified radical mastectomy", is a resected mastectomy specimen weighing 203 grams and measuring 19.6 x 7.5 x 5.8 cm. Specimen is received with orientation, a suture indicating the axillary tail. The ellipse of beige-tan skin measures 15.8 x 7.2 cm. The light brown areola measures 2.5 cm in diameter. The everted nipple measures 1.3 cm in diameter. The surface of the skin shows two firm masses, the larger measuring 2.5 x 2, the smaller measuring 0.6 x 0.6 cm. A large mass is palpated beneath the two lesions. The deep posterior margin is inked black, the anterior is inked orange. The specimen is serially sectioned from lateral to medial. Cut section shows a beige-tan firm, slightly necrotic mass which demonstrates a thick amber colored mucoid fluid. The mass lies just beneath the deep margin at a distance of 0.1 cm. The mass occupies the upper outer quadrant into the axillary tail. The mass measures 6.8 x 6.5 x 3.5 cm. The remainder of the specimen shows dark yellow lobulated adipose tissue with focal areas of white firm, fibrous parenchyma. A portion of the specimen is submitted for tissue procurement. Gross photographs are taken. Representative sections are submitted as follows:

- A1-A2: sections of lesion and closest margin, posterior, and skin
- A3-A4: one full thickness section from skin to deep margin with lesion
- A5-A11: sections of lesion from upper-outer quadrant through mid portion
- A12-A13: sections of lower-outer quadrant
- A14-A15: representative sections lower-inner quadrant
- A16-A17: representative sections upper-inner quadrant
- A18-A19: sections of nipple
- A20-A24: axillary lymph nodes, 2 sections from each

B. LEFT AXILLARY CONTENTS LEVELS 1&2

Received fresh are multiple tan-pink fragments of fibrofatty tissue aggregating to 6.0 x 3.0 x 2.0 cm. Dissection reveals 13 possible lymph nodes ranging from 0.1 x 0.1 x 0.1 cm to 3.5 x 2.5 x 2.0 cm. Section code:

- B1: Three possible lymph nodes
- B2: Four possible lymph nodes
- B3: Two possible lymph nodes
- B4: Two possible lymph nodes
- B5: One lymph node serially sectioned
- B6-B10: Largest lymph node serially sectioned

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TCGA-E2-A1LK-01A-PR

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DIAGNOSIS:

A. BREAST, LEFT, MODIFIED RADICAL MASTECTOMY:

- MULTIFOCAL, INVASIVE, DUCTAL CARCINOMA, SBR GRADE 3 WITH NECROSIS, LARGEST FOCUS MEASURES 6.8-CM, INVOLVING LATERAL HALF OF THE BREAST WITH EXTENSION TO SUPERFICIAL DERMIS
- SURGICAL RESECTION MARGINS ARE NEGATIVE FOR CARCINOMA
- LYMPHOVASCULAR AND PERINEURAL INVASIONS IDENTIFIED
- METASTATIC CARCINOMA TO TWO OF THREE LYMPH NODES (2/3), WITH EXTRANODAL EXTENSION, LARGEST MEASURING 2.8-CM
- SEE SYNOPTIC REPORT.

B. LYMPH NODES, LEFT AXILLARY CONTENTS, LEVELS 1 AND 2, RESECTION:

- METASTATIC CARCINOMA TO NINE OF TWELVE LYMPH NODES (9/12), WITH EXTRANODAL EXTENSION, LARGEST MEASURING 3.5-CM.

TSS:

SYNOPTIC REPORT - BREAST

Specimen Type: Mastectomy
Needle Localization: No
Laterality: Left
Invasive tumor: Present
Multifocality: Yes
WHO CLASSIFICATION
Invasive ductal carcinoma, NOS 8500/3
Tumor size: 6.8cm
Tumor site: Upper outer quadrant
Lower outer quadrant
Margins: Negative
Distance from closest margin: 0.4cm
deep
Tubular score: 3
Nuclear grade: 3
Mitotic score: 3
Modified Scarff Bloom Richardson Grade: 3
Necrosis: Present
Vascular/Lymphatic Invasion: Present
Extent: focal
Lobular neoplasia: None
Lymph nodes: Axillary dissection
Lymph node status: Positive 11 / 15 Extranodal extension
Non-neoplastic areas: fibroadenoma

DCIS not present

ER/PR/HER2 Results

Performed on Case:

ER: Negative

PR: Negative

HER2: Negative by FISH

Pathological staging (pTN): pT 3 N 3a

CLINICAL HISTORY:

year old female with large left breast IDC/ulcerating – now for modified radical mastectomy (left).

PRE-OPERATIVE DIAGNOSIS:

Left breast carcinoma.

Gross Dictation: Pathologist,
Microscopic/Diagnostic Dictation: Pathologist,
Final Review: Pathologist
Microscopic/Diagnostic Dictation: Pathologist,
Final Review: Pathologist,
Final: Pathologist,

Criteria	Yes	No
Diagnosis Discrepancy		/
Primary Tumor Site Discrepancy		/
Histology Discrepancy		/
Prior Malignancy History		/
Dual/Synchronous Primary Noted		/
Case is (circle): QUALIFIED / DISQUALIFIED		
Reviewer Initials	Date Reviewed: 6/11/11	