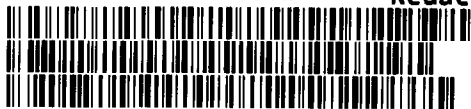


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Carcinoma, infiltrating duct, NOS
8500/3

Site: breast, NOS C50.9
6/1/11

SPECIMEN ID:

- A. - RIGHT BREAST MASS, B. - ADDITIONAL RIGHT BREAST TISSUE, INFEROLATERAL,
C. - ADDITIONAL RIGHT BREAST TISSUE, SUPERFICIAL, D. - RIGHT AXILLARY CONTENTS

A. RIGHT BREAST MASS:

- INVASIVE AND IN SITU, POORLY DIFFERENTIATED DUCTAL CARCINOMA, 1.0 CM.
- THE TUMOR CELLS ARE NEGATIVE FOR er AND pr AND EQUIVOCAL FOR HER2 BY IMMUNOHISTOCHEMISTRY PERFORMED ON PATIENT'S PREVIOUS BIOPSY (
- HER2 WITH FISH IS AMPLIFIED (POSITIVE), PERFORMED ON PATIENTS'S PREVIOUS BIOPSY
- SEE TUMOR SUMMARY.

B. ADDITIONAL RIGHT BREAST TISSUE INFEROLATERAL:

- INVASIVE DUCTAL CARCINOMA AT LESS THAN 1.0 MM FROM INKED MARGIN.

C. ADDITIONAL RIGHT BREAST TISSUE SUPERFICIAL:

- NO CARCINOMA SEEN IN FIBROADIPOSE TISSUE.

D. RIGHT AXILLARY CONTENTS:

- METASTATIC CARCINOMA TO NINETEEN OUT OF TWENTY-ONE LYMPH NODES (19/21).
- PERINODAL TUMORAL EXTENSION IS SEEN.
- LARGEST METASTATIC NODE: 2.5 CM
- SEE TUMOR SUMMARY.

BREAST CANCER SUMMARY

SPECIMEN TYPE: LUMPECTOMY

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*** FINAL REPORT ***
SURGICAL PATHOLOGY REPORT

*** FINAL DIAGNOSIS *** (Continued)

LYMPH NODE SAMPLING: AXILLARY DISSECTION

SPECIMEN SIZE: GREATEST DIMENSION: 9.3 CM

ADDITIONAL DIMENSIONS: 9.0 X 6.5 CM

LATERALITY: RIGHT

TUMOR SITE: NOT SPECIFIED

SIZE OF INVASIVE COMPONENT: GREATEST DIMENSION: 1.0 CM

HISTOLOGIC TYPE: INVASIVE DUCTAL CARCINOMA

NOTTINGHAM SCORE: III (3+3+3=9)

TUBULE FORMATION: MINIMAL LESS THAN 10% (SCORE 3)

NUCLEAR PLEOMORPHISM: MARKED VARIATION IN SIZE, NUCLEOLI, CHROMATIN CLUMPING, ETC
(SCORE 3)

MITOTIC COUNT: GREATER THAN 20 MITOSES PER 10 HPF (SCORE 3)

PRIMARY TUMOR: pT1b - TUMOR MORE THAN 0.5 CM BUT NOT MORE THAN 1.0 CM IN GREATEST DIMENSION

REGIONAL LYMPH NODES: pN3a - METASTASIS IN 10 OR MORE AXILLARY LYMPH NODES (AT LEAST 1

TUMOR DEPOSIT GREATER THAN 2.0 MM) OR METASTASIS TO THE INFRACLAVICULAR LYMPH NODES

NUMBER EXAMINED: 21

NUMBER INVOLVED: 19

DISTANT METASTASIS: pMX - CANNOT BE ASSESSED

MARGINS: MARGINS UNINVOLVED BY INVASIVE CARCINOMA. CLOSEST MARGIN: AT LESS THAN 1 MM
(INFEROLATERAL MARGIN) (SPECIMEN B)

MARGINS UNINVOLVED BY DCIS. CLOSEST MARGIN: AT LESS THAN 1 MM

(INFEROLATERAL MARGIN) (SPECIMEN B)

VENOUS/LYMPHATIC INVASION: ABSENT

MICROCALCIFICATIONS: PRESENT IN DCIS

AJCC: pT1b, N3a, MX

IMMUNOHISTOCHEMISTRY STAINS AND HER2 FISH ANALYSIS PERFORMED ON PATIENT'S PREVIOUS BIOPSY

(RESULTS:

ER - NEGATIVE

PR - NEGATIVE

HER2 IHC - EQUIVOCAL

HER2 BY FISH - POSITIVE (AMPLIFIED)

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*** FINAL REPORT ***
SURGICAL PATHOLOGY REPORT

CLINICAL HISTORY-

PRE-OP DX: RIGHT BREAST CARCINOMA

PROCEDURE: RIGHT BREAST LUMPECTOMY, AXILLARY LYMPH NODE DISSECTION,

GROSS DESCRIPTION:

SPECIMEN A IS LABELED RIGHT BREAST MASS AND CONSISTS OF YELLOW-GRAY LUMPECTOMY MEASURING 9.3 X 9.0 X 6.5 CM AND WEIGHS 75.7 GRAMS. THE SPECIMEN IS ORIENTED WITH A SHORT STITCH AT THE SUPERIOR MARGIN, A LONG STITCH AT THE LATERAL MARGIN AND CLIP INFEROLATERAL CORNER. THE SPECIMEN REVEALS A LIGHT TAN ELLIPSES OF SKIN MEASURING 3.5 X 0.8 CM. THE SPECIMEN IS INKED AS FOLLOWS: SUPERIOR MARGIN INKED RED, INFERIOR MARGIN INKED ORANGE, LATERAL MARGIN INKED GREEN, MEDIAL MARGIN INKED BLUE, INFEROLATERAL MARGIN INKED YELLOW AND DEEP MARGIN INKED IN BLACK. MULTIPLE CROSS SECTIONS REVEAL AN ILL-DEFINED, GRAY-PINK, INDURATED AREAS MEASURING APPROXIMATELY 1.0 X 1.0 CM. THIS AREA IS LOCATED AT 0.7 CM FROM THE INFERIOR MARGIN (NEAREST). THERE IS AN ILL-DEFINED, GRAY-PINK MICROCYSTIC ASPECT LOCATED AT 0.3 CM FROM THE INFEROLATERAL MARGIN (NEAREST). THE REST OF THE SPECIMEN IS YELLOW, HOMOGENOUS CUT SURFACE. THE STROMA IS SUBMITTED IN TOTO IN 16 CASSETTES.

- 1 - SUPERIOR MARGIN
- 2 - INFEERIOR MARGIN
- 3 - LATERAL MARGIN
- 4 - MEDIAL MARGIN
- 5 - ANTERIOR MARGIN
- 6 - DEEP MARGIN
- 7-12 - TUMOR
- 13-16 - CLIPPED AREA

SPECIMEN B IS LABELED ADDITIONAL RIGHT BREAST TISSUE, INFEROLATERAL MARGIN AND CONSISTS OF YELLOW-PINK ADIPOSE TISSUE MEASURING 3.5 X 1.5 X 0.7 CM. THE NEW MARGIN IS INKED YELLOW AND THE OPPOSITE MARGIN IS INKED ORANGE. MULTIPLE CROSS SECTIONS REVEAL A GRAY-PINK, INDURATED AREA MEASURING 1.0 CM. THE REST OF THE TISSUE IS YELLOW, HOMOGENEOUS CUT SURFACE. SUBMITTED IN TOTO IN FIVE CASSETTES.

SPECIMEN C IS LABELED ADDITIONAL RIGHT BREAST TISSUE, SUPERFICIAL AND CONSISTS OF THREE YELLOW-PINK, ADIPOSE TISSUE MEASURING IN AGGREGATE 3.0 X 2.0 X 1.0 CM. CROSS SECTIONS REVEAL YELLOW-GRAY, HOMOGENEOUS CUT SURFACE. SUBMITTED IN TOTO IN THREE CASSETTES.

SPECIMEN D IS LABELED RIGHT AXILLARY CONTENTS AND CONSISTS OF GRAY-PINK, ADIPOSE TISSUE MEASURING 9.0 X 7.0 X 3.5 CM. CROSS SECTIONS REVEAL 28 POSSIBLE LYMPH NODES MEASURING UP TO 2.5 CM IN GREATEST DIMENSION. REPRESENTATIVE SECTIONS SUBMITTED IN 14 CASSETTES.

- 1-2 - ONE LYMPH NODE BISECTED
- 3-8 - ONE LYMPH NODE BISECTED
- 9 - TWO LYMPH NODES BISECTED
- 10-14 - MULTIPLE LYMPH NODES

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GROSS DESCRIPTION: (Continued)

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Criteria	Yes	No
Diagnosis Discrepancy		/
Primary Tumor Site Discrepancy		/
HIPAA Discrepancy		/
Prior Malignancy History		/
Dual/Synchronous Primary Noted		/
Case is (circle): <u>QUALIFIED</u> / <u>DISQUALIFIED</u>		
Reviewer Initials: <u>W 4/14</u>	Date Reviewed: <u>4/14</u>	