

Carcinoma, infiltrating ductal, NOS 8500/3  
Site: Breast, NOS C50.9 1/25/11 w

Chief of Pathology

Phone

Fax

Specimen:

Received:

Spec Type: SURGICAL P

Status:

Subm Dr:

Req#:

BREAST CANCER INVASIVE

DATE:

DOCTOR(S):

PROCEDURE:

- A. RT BREAST DEEP MARGIN
- B. LT BREAST
- C. RT BREAST AND AXILLARY NODES

UUID:5AD3B697-F097-496C-978B-F73BDA5394A7

TCGA-A2-A1G4-01A-PR

Redacted

RECEIVED

RTS.

DATED [REDACTED] LABELED [REDACTED] RIGHT DEEP MARGIN INK MARKS NEW IRREGULAR PORTION OF YELLOW FATTY AND BROWN MUSCULAR TISSUE MEASURING 4.8 X 2.2 X 0.6 CM IN GREATEST DIMENSIONS. ONE SIDE OF THE SPECIMEN IS RECEIVED MARKED WITH BLUE INK. THIS SIDE IS FURTHER MARKED WITH BLUE INK WITH A PERIMETER OF RED INK. THE SPECIMEN IS SECTIONED AND LABELED A1 THROUGH A3.

PA LABELED [REDACTED] LEFT BREAST IS A SIMPLE MAS. WHEN MEASURING 24.5 X 21 X 3.8 CM. A SUTURE DENOTES 12 O'CLOCK. THE NIPPLE IS FLAT WITHIN A 23.7 X 15.3 CM SKIN ELLIPSE. IN THE 9 O'CLOCK AREA OF THE BREAST THERE IS A 0.5 CM IN DIAMETER FLOWER-SHAPED RED-BROWN SKIN LESION. THE SUPERFICIAL ASPECT IS MARKED WITH BLUE INK, THE DEEP WITH BLACK INK. SECTIONING REVEALS THE SPECIMEN TO CONSIST OF BLAND YELLOW FATTY TISSUE WITH FINE FIBROUS BANDS. THERE ARE NODULAR FIRM AREAS NOTED CENTRALLY THAT DO NOT FORM DISCRETE MASSES. SECTIONS ARE SUBMITTED AS FOLLOWS: B1--NIPPLE AND DESCRIBED SKIN LESION, B2--CENTRAL DEEP MARGIN, B3 AND B4--UPPER OUTER QUADRANT, B5 AND B6--UPPER INNER QUADRANT, B7 AND B8--LOWER INNER QUADRANT, B9 AND B10--LOWER OUTER QUADRANT, B11--TISSUE CENTRAL. NOTE THAT B1, B3, B5, B7, B9, AND B11 ARE MIRROR IMAGE TISSUE TAKEN PER PROTOCOL.

ADDITIONAL SECTIONS FROM THE LOWER INNER QUADRANT ARE SUBMITTED LABELED B12 THROUGH B14, A SECTION FROM THE SUBAREOLAR AREA IN B15, AND ADDITIONAL TISSUE FROM THE UPPER OUTER QUADRANT B16 AND 17.

PART C RECEIVED LABELED [REDACTED] RIGHT BREAST AND AXILLARY LYMPH NODE IS A RIGHT MODIFIED RADICAL MASTECTOMY SPECIMEN WITH FRAGMENTS OF LOOSE TISSUE WHICH ALSO DEMONSTRATE PALPABLE LYMPH NODES. THE OVERALL DIMENSIONS ARE 30 X 22 X 4.3 CM. THE NIPPLE IS FLATTENED. IMMEDIATELY

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[REDACTED]

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[REDACTED]  
(Continued)

Subm Dr:

LATERAL TO THE NIPPLE IS A PALPABLE MASS. THE SKIN ELLIPSE MEASURES 22.6 X 14.0 CM. A SMALL RAISED PIGMENTED LESION IS FOUND IN THE LOWER OUTER QUADRANT ADJACENT TO THE SKIN RESECTION MARGIN MEASURING 0.4 CM IN DIAMETER. THE SUPERFICIAL ASPECT IS MARKED IN BLUE INK, THE DEEP ASPECT WITH BLACK INK. WHERE THE AXILLARY TAIL IS REMOVED, IT IS MARKED IN RED AND DOES NOT REPRESENT TRUE MARGIN. THE AXILLARY TAIL IS EXAMINED FOR LYMPH NODES. IN THE LOW AXILLARY TAIL, THERE IS A 2.8 CM CENTRALLY FAT-REPLACED LYMPH NODE WITH A COIL CLIP. ONE HALF IS SUBMITTED PER PROTOCOL. THE REMAINDER IS SUBMITTED AS C1. A SECOND LOW NODE IS GROSSLY POSITIVE 1.6 CM IN GREATEST DIMENSION. ONE HALF IS SUBMITTED AS C2 WITH THE REMAINDER SUBMITTED PER PROTOCOL. ADDITIONAL NODES ARE THEN SUBMITTED AS FOLLOWS: C3--ONE HALF GROSSLY UNREMARKABLE LYMPH NODE (MIRROR IMAGE TO PROTOCOL), C4--TWO NODES EACH BISECTED, C5--ONE NODE BISECTED, C6--ONE NODE BISECTED, C7--ONE NODE BISECTED, C8--TWO NODES EACH BISECTED, C9--FOUR NODES, C10--TWO NODES EACH BISECTED, C11 AND C12--ONE NODE TOTAL. SECTIONING REVEALED THE BREAST TO CONSIST OF BLAND YELLOW FATTY TISSUE WITH FINE FIBROUS BANDS. THE PALPABLE MASS IS ILL-DEFINED WITH PINK-TAN TISSUE INTERSPERSED IN THE YELLOW-FATTY TISSUE. THIS EXTENDS FROM THE SUBAREOLAR AREA IN THE LOWER OUTER QUADRANT MEASURING 6 CM FROM MEDIAL TO LATERAL BY PALPATION 6.5 CM FROM SUPERIOR TO INFERIOR AND 4 CM FROM SUPERFICIAL TO DEEP IN AN ILL-DEFINED MANNER. GROSSLY THIS EXTENDS TO WITHIN 0.5 CM OF THE DEEP MARGIN. SECTIONS ARE SUBMITTED AS FOLLOWS: C13--NIPPLE (MIRROR IMAGE TO PROTOCOL), C14 AND C15--LESION AND CLOSEST GROSS DEEP MARGIN, C16--THE MOST LATERAL ASPECT OF THE LESION (MIRROR IMAGE TO PROTOCOL), C17--THE MOST CENTRAL AND MEDIAL PORTION OF THE LESION (MIRROR IMAGE TO PROTOCOL), NOTE THAT C16 AND C17 ARE 6 CM APART, C18--TUMOR (MIRROR IMAGE TO PROTOCOL), C19--THE MOST INFERIOR ASPECT OF THE LESION WITH INFERIOR SUPERFICIAL MARGIN, C20--THE SUPERIOR PORTION OF THE LESION OR ADJACENT TO MARGIN CENTRAL SPECIMEN, C21--UPPER OUTER QUADRANT, C22--LOWER INNER QUADRANT, C23--UPPER INNER QUADRANT, C24 AND C25--ADDITIONAL SECTIONS OF CENTRAL TUMOR (MIRROR IMAGE TO PROTOCOL).

PROCEDURES:

88307/2, 88309, A BLK/3, B BLK/17, C BLK/25, ER PR KI67 HER2

PART A RIGHT BREAST DEEP MARGIN REEXCISION: FIBROADIPOSE TISSUE AND SKELETAL MUSCLE WITH NO EVIDENCE OF MALIGNANCY. THE NEW INKED MARGIN IS FREE OF NEOPLASM.

PART B LEFT BREAST, SIMPLE MASTECTOMY:

1. INFILTRATING LOBULAR CARCINOMA, NUCLEAR GRADE I WITH LOW MITOTIC INDEX, IDENTIFIED IN THE LOWER INNER QUADRANT WITH AN ESTIMATED TUMOR DIMENSION OF 21 MM (SLIDES B7, B8, B12-14).

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Patient: [REDACTED]

[REDACTED]

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(Continued)

2. THE NIPPLE AND DEEP MARGIN ARE FREE OF NEOPLASM.
3. LYMPHATIC INVASION IS NOT IDENTIFIED.
4. PROLIFERATIVE FIBROCYSTIC DISEASE WITH A FOCUS OF LOBULAR CARCINOMA IN SITU IDENTIFIED IN THE UPPER OUTER QUADRANT ALONG WITH SCLEROSING ADENOSIS, DUCT HYPERPLASIA OF THE USUAL TYPE, APOCRINE METAPLASIA AND CYST FORMATION.

PART C RIGHT BREAST, MODIFIED RADICAL MASTECTOMY:

1. LARGE MODERATELY DIFFERENTIATED INTRADUCTAL AND INFILTRATING DUCT CARCINOMA, NUCLEAR GRADE II WITH LOW MITOTIC INDEX WITH FOCI OF MUCINOUS DIFFERENTIATION SPANNING A DISTANCE OF 65 MM.
2. THE DEEP MARGIN IS FREE OF NEOPLASM. DUCTAL CARCINOMA IN SITU INVOLVES THE NIPPLE.
3. LYMPHATIC INVASION IS PRESENT.
4. METASTATIC CARCINOMA TO 1 OF 15 AXILLARY LYMPH NODES. ONE LYMPH NODE DEMONSTRATES PREVIOUS BIOPSY SITE CHANGE BUT NO RESIDUAL NEOPLASM.
5. HEMANGIOMA, SKIN OF BREAST.

[REDACTED]  
RECEPTOR AND PROGNOSTIC FACTOR DETERMINATION WILL BE PERFORMED ON BLOCK  
B7. [REDACTED]

ESTROGEN RECEPTOR: POSITIVE  
Nuclei Stained: 100%  
Intensity: 3

Reference Range: Negative <1+  
Positive >= 1+

PROGESTERONE RECEPTOR: NEGATIVE  
Nuclei Stained: 0  
Intensity: 1

Reference Range: Negative <1+  
Positive >= 1+

Her-2/neu: NEGATIVE  
Score: 1+

Reference Range: Negative 0 - 1+  
Equivocal 2+

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(Continued)

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Spec Type: SURGICAL P  
(Continued)

Subm Dr:

Positive 3+

Ki-67: LOW  
Nuclei Stained: 3+  
3  
Intensity:

Reference Range: Low <10%  
Borderline 10-20%  
High >20%

Electronically signed by:  
See full scanned report for details.  
Test performed at: (

I

1. SENT TO: [REDACTED]
2. REQUESTED BY: [REDACTED]
3. DATE SENT: [REDACTED]
4. METHOD OF TRANSPORTATION: [REDACTED]
5. NO. OF BLOCKS: [REDACTED]
7. MATERIAL(S) TO BE RETURNED: [REDACTED]
14. SPECIMEN SENT(Y/N): [REDACTED]

Signed \_\_\_\_\_ (prelim.)  
\_\_\_\_\_  
(signature on file) \_\_\_\_\_

Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
HIPAA Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary Noted		
Case is (circle): <input checked="" type="checkbox"/> QUALIFIED / <input type="checkbox"/> DISQUALIFIED		
Reviewer Initials: <i>[Signature]</i>		
Part Reviewed: <i>[Signature]</i>		