

Pathology Report

Name: [REDACTED]
DOB: [REDACTED]
Gender: F
MRN: [REDACTED]
Location: [REDACTED]
Physician: [REDACTED]

Case #: [REDACTED]
Collected: [REDACTED]
Received: [REDACTED]
Reported: [REDACTED]
Copy To: [REDACTED]

Pathologic Interpretation:

- A. Lymph node, sentinel lymph node:
-Micrometastatic carcinoma to one lymph node, 0.35 mm. detected with immunohistochemistry for keratin (1/1).
- B. Lymph node, sentinel lymph node:
-No malignancy seen in one lymph node (0/1). Immunohistochemistry for keratin is negative.
- C. Lymph node, sentinel lymph node:
-No malignancy seen in three lymph nodes (0/3). Immunohistochemistry for keratin is negative.
- D. Lymph node, biopsy:
-No malignancy seen in one lymph node (0/1). Immunohistochemistry for keratin is negative.
- E. Lymph node, sentinel lymph node:
-No malignancy seen in one lymph node (0/1). Immunohistochemistry for keratin is negative.
- F. Lymph node, sentinel lymph node:
-No malignancy seen in one lymph node (0/1). The immunohistochemistry for keratin is negative.
- G. Left simple mastectomy 1 stitch superior 2 stitches lateral:
-Invasive poorly differentiated ductal carcinoma, high nuclear grade, 3.7 cm.
-Extensive in situ ductal carcinoma associated with and away from invasive carcinoma.
-Specimen margins are negative for invasive carcinoma.
-Deeper margin is focally positive for DCIS. See tumor summary.
-The tumor cells are positive for ER and negative for PR and Her2 by immunohistochemistry.

TUMOR SUMMARY:

Specimen type: Mastectomy.
Lymph Node Sampling: Sentinel lymph node.
Laterality: Left.

Size of invasive component:
Greatest dimension: 3.7 cm.

Additional dimensions: 3.3 x 2.7 cm.

Histologic Type: Invasive ductal carcinoma with extensive intraductal component.

Tubule Formation: Minimal less than 10% score (score=3).

Nuclear Pleomorphism: Marked variation in size, nucleoli, chromatin clumping, etc (score=3).

Mitotic count: Greater than 10 mitoses per 10 HPF (score=3)

Total Nottingham Score: Grade III.

Pathologic Staging:

Primary Tumor: pT2.

Regional lymph nodes: pN1mi.

Distant Metastasis: pMX.

Margins: Margins uninvolved by invasive carcinoma.

Margins involved with DCIS:

Specify which margin: Deep

Extent of Margin Involvement for DCIS: Unifocal.

Venous/lymphatic: Absent.

Microcalcifications: Present in invasive carcinoma.

1 CD-0-3

carcinoma, infiltrating duct. nos 8500/3

Site: breast, nos C50.9

for
6/1/11

As the attending pathologist, I attest that I: (i) Examined the relevant preparation(s) for the specimen(s); and (ii) Rendered the diagnosis(es).

Intraoperative Consultation

- A. Lymph node, sentinel lymph node: no tumor seen.
- B. Lymph node, sentinel lymph node: no tumor seen.
- C. Lymph node, sentinel lymph node: no tumor seen.
- D. Lymph node, biopsy: no tumor seen.
- C. Lymph node, sentinel lymph node: no tumor seen.
- F. Lymph node, sentinel lymph node: no tumor seen.

Clinical History:

Patient is a year-old female with left breast cancer.

Pre Operative Diagnosis:

Not Provided

Specimen(s) Received:

- A: Lymph node, sentinel lymph node
- B: Lymph node, sentinel lymph node
- C: Lymph node, sentinel lymph node
- D: Lymph node, biopsy
- E: Lymph node, sentinel lymph node
- F: Lymph node, sentinel lymph node
- G: left simple mastectomy 1 stitch superior 2 stitches lateral

Gross Description:

- A. Received in formalin and labeled "lymph node, sentinel lymph node" is a tan, soft lymph node measuring 0.5 x 0.5 x 0.4 cm. Specimen bisected and submitted in toto in one cassette for frozen section.
- B. Received in formalin and labeled "lymph node, sentinel lymph node" are three tan, soft nodule measuring from 0.3 up to 0.5 cm in greatest dimension. Submitted in three cassettes (one lymph node per each cassette).
- C. Received in formalin and labeled "lymph node, sentinel lymph node" is a tan, soft lymph node measuring 0.3 x 0.3 x 0.3 cm. Specimen bisected and submitted in toto in one cassette for frozen section.
- D. Received in formalin and labeled "intramammary lymph node" is a tan, soft lymph node measuring 0.5 x 0.5 x 0.4 cm. Specimen bisected and submitted in toto in one cassette.
- E. Received fresh and labeled "sentinel lymph node #4" is a tan, soft lymph node measuring 0.3 x 0.3 x 0.3 cm. Specimen bisected and submitted in cassette one for frozen section.
- F. Received fresh and labeled "sentinel lymph node #5" is a tan, soft lymph node measuring 0.6 x 0.3 x 0.3 cm. Submitted in cassette one for frozen section.

- G. Received fresh and labeled "left simple mastectomy 1 stitch superior 2 stitches lateral" is a mastectomy specimen, which weighs 300.0 grams and measures 19.0 x 15.0 x 3.5 cm. At the anterior aspect of the specimen, there is a brown-black ellipse of skin measuring 9.5 x 5.0 cm. Centrally located is a dark color areola measuring 3.0 cm in diameter with an unremarkable nipple measuring 1.2 cm in diameter. The specimen is oriented with one stitch superior, two stitches lateral. The specimen is inked as follows: superior, red; inferior, yellow; lateral, green; medial, blue; deep, black. Also, present on the skin is one surgical liner scar measuring 1.7 x 0.1 cm. Cut sections through the specimen reveals an ill-defined tan, firm nodule measuring 3.7 x 3.3 x 2.7 cm. The mass is approximately 2.0 cm away from superior margin, 3.0 cm away from inferior margin, 3.0 cm away from the lateral margin, 3.0 cm away from the medial margin and 0.7 cm away from deep margin. Located at the upper outer quadrant, there is a blue inked area, which is a tan, firm fibrotic tissue. Specimen submitted as follows:

- 1 Nipple
- 2 Surgical skin scar
- 3 Superior margin
- 4 Inferior margin
- 5 Lateral margin
- 6 Medial margin
- 7 Deep margin
- 8-12 Section from the tumor
- 13&14 Representative section from the upper outer quadrant
- 15&16 Section from the lower outer quadrant
- 17&18 Inner upper quadrant
- 19&20 Inner lower quadrant

ICD-9(s): 196.3 174.8

Criteria	Yes	No
Diagnostic Discrepancy		/
Primary Tumor Site Discrepancy		/
HIPAA Discrepancy		/
Prior Malignancy History		/
Dual/Synchronous Primary Noted		/
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	Date Reviewed: 6/1/11	