

# Surgical Pathology Report

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

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

## Pathologic Interpretation:

- A. Right breast mass, short stitch superior, long stitch lateral, double stitch deep:  
- Infiltrating ductal carcinoma, colloid type, low nuclear grade, 3.0 cm in greatest dimension.  
- Margins of excision are free of tumor.  
- pT2N0MX  
- See tumor summary.
- B. Lateral margin right breast:  
- Breast tissue with adenosis.  
- New margin is negative for malignancy.
- C. Additional superior margin:  
- Breast tissue with no pathologic change.  
- New margin is negative for malignancy.
- D. Sentinel node # 1:  
- No malignancy seen in one lymph node (0/1).  
- Immunohistochemistry for keratin is negative for carcinoma.
- E. Sentinel node # 2:  
- No malignancy seen in one lymph node (0/1).  
- Immunohistochemistry for keratin is negative for carcinoma.
- F. Non sentinel node # 1:  
- No malignancy seen in one lymph node (0/1).
- G. Non sentinel node # 2:  
- No malignancy seen in one lymph node (0/1).
- H. Axillary tissue:  
- Fibroadipose tissue, no malignancy seen.  
- No lymphoid tissue present.

ICD-0-3

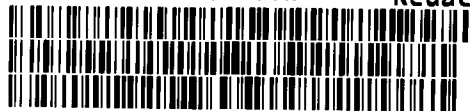
Carcinoma, infiltrating ductal and mucinous 8523/

Site: breast, NOS C50.9

3/12/11 fur

UUID: 4C40B309-3178-4E7E-A987-47698E5E364B  
TCGA-EW-A10X-01A-PR

Redacted



## Tumor Summary:

**Specimen Type:** Excision

**Lymph Node Sampling:** Sentinel lymph node(s) only

**Specimen Size (for excisions less than total mastectomy):** 9 x 7.5 x 3.5 cm

**Laterality:** Right

**Size of Invasive Component:**

Greatest dimension: 3.0 cm

\*Additional dimensions: 2.4 x 2.4 cm

**Histologic Type:** Invasive ductal carcinoma  
Mucinous

**Histologic Grade (any grading system may be used; mitotic count is also required independent of the grading system):**

Tubule Formation: Majority of tumor greater than 75% (score =1)

Nuclear Pleomorphism (Small regular nuclei (score =1)

Mitotic Count: Less than 10 mitoses per 10 HPF (score =1)

**Total Nottingham Score:** Grade I: 3-5 points

**Pathologic Staging:**

Primary Tumor: pT2

Regional Lymph Nodes: pN0

- Specify: Number examined: 4

Number involved: 0

Distant Metastasis: pMX

**Margins:** Uninvolved by invasive carcinoma

## SURGICAL PATHOL Report

**Venous/Lymphatic (Large/Small Vessel) Invasion (V/L): Absent**

ER: Positive ( )

PR: Positive ( )

HER2: Negative ( )

NOTE: Some immunohistochemical antibodies are analyte specific reagents (ASRs) validated by our laboratory. These ASRs are clinically useful indicators that do not require FDA approval. These clones are used: ID5=ER, PgR 636=PR, A485=HER2, H-11=EGFR. All immunohistochemical stains are used with formalin or molecular fixed, paraffin embedded tissue. Detection is by Envision Method. The results are read by a pathologist as positive or negative.

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

, MD  
, MD

\*\*\*Electronically Signed Out By\*\*\*

### Intraoperative Consultation

- B. Lateral margin right breast, FS: No malignancy seen.
- D. Sentinel node # 1, FS: Negative for tumor.
- E. Sentinel node # 2, FS: Negative for tumor.
- F. Non sentinel node # 1, FS: Negative for tumor.
- G. Non sentinel node # 2, FS: Negative for tumor.

MD

### Clinical History:

{Not Provided}

### Specimen(s) Received:

- A: Right breast mass, short stitch superior, long stitch lateral, double stitch deep
- B: Lateral margin right breast, FS
- C: Additional superior margin
- D: Sentinel node # 1, FS
- E: Sentinel node # 2, FS
- F: Non sentinel node # 1, FS
- G: Non sentinel node # 2, FS
- H: Axillary tissue

### Gross Description:

- A. Received in formalin is a yellow fibroadipose tissue weighing 92 grams, measuring 9.0 x 7.5 x 3.5 cm. The specimen is oriented with short suture superior margin, long suture lateral margin and double sutures deep margin. The margins are inked as follows: Superior margin is inked in blue, superior margin inked in green, lateral margin is inked in orange, medial margin is inked in red, anterior margin inked in yellow and deep margin inked in black. Multiple cross sections, there is well demarcated tumor mass 3.0 x 2.4 x 2.4 cm located at approximately 0.7 cm closest margin (and 0.4 cm inferior margin). The rest of the breast shows a white diffusely breast tissue and adipose tissue. The stroma to fat ratio is approximately 30-70%. Representative sections are submitted in twelve cassettes as follows:
  - 1 Superior margin
  - 2 Inferior margin
  - 3 Lateral margin

# SURGICAL PATHOL Report

- 4 Medial margin
- 5 Anterior margin
- 6 Deep margin
- 7 Superior margin with tumor
- 8 Inferior margin with tumor
- 9-12 Tumor

- B. Received fresh is a pale tan tissue fragment, 1.2 x 1.0 x 0.2 cm. Submitted in toto in one cassette for frozen section.
- C. Received in formalin is a yellow fibroadipose tissue 4.5 x 3.0 x 1.0 cm. The specimen presents multiple black sutures, marking through margin. This margin is inked in yellow and the opposite margin is inked in black. Serially sectioned and submitted in toto in ten cassettes.
- D. Received fresh is a yellow fibroadipose tissue 3.0 x 2.0 x 1.0 cm. The specimen is serially sectioned and submitted in toto in five cassettes as follows:
  - 1 For frozen section
  - 2-5 For permanent
- E. Received are two pink-tan tissue fragments, 1.0 x 1.0 x 0.5 cm each. Submitted in toto in one cassette for frozen.
- F. Received in formalin is an ovoid pale tan tissue fragment, 3.0 x 1.5 x 1.0 cm. Bisected and submitted in toto in two cassettes for frozen.
- G. Received in formalin is a yellow, ovoid tissue fragment, 3.0 x 2.0 x 2.0 cm. Serially sectioned and submitted in toto in six cassettes for frozen.
- H. Received in formalin is an ovoid yellow, fibroadipose tissue, 2.0 x 1.5 x 1.5 cm. Serially sectioned and submitted in toto in four cassettes.

Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
IPAA Discrepancy		
Prior Malignancy History		
Distal/Synchronous Primary Noted		
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	Date Reviewed: 3/12/11	