



Surgical Pathology Report

DATE OBTAINED:
 DATE RECEIVED:
 DATE REPORTED:

LOCATION:
 SUBMITTING MD:
 CC:

DIAGNOSIS

1. LEFT AXILLARY "SENTINEL" LYMPH NODES: NEGATIVE (0/3); NEGATIVE CUTDOWNS SECTIONS.
2. LEFT AXILLARY "PALPABLE" LYMPH NODES: NEGATIVE (0/4); NEGATIVE CUTDOWNS SECTIONS.
3. LEFT AXILLARY "SENTINEL" LYMPH NODE: NEGATIVE (0/1); NEGATIVE CUTDOWNS SECTIONS.
4. LEFT AXILLARY "SENTINEL" LYMPH NODES #3: NEGATIVE (0/6); NEGATIVE CUTDOWNS SECTIONS.
5. LEFT TOTAL MASTECTOMY: INVASIVE AND INTRADUCTAL MAMMARY DUCT CARCINOMA.

SIZE (INVASIVE):	1.6 cm (additional incidental < 1mm microinvasion)
SIZE (DCIS COMPONENT):	~11 cm scattered foci (subareolar region to 11 cm from nipple @ 12-1 o'clock)
LATERALITY:	Left
TUMOR FOCALITY:	Unifocal gross reference mass; incidental microinvasive lesion
LESIONAL SITE:	Subareolar (both reference mass and incidental microinvasion)
HISTOLOGIC TYPE:	Invasive ductal carcinoma, apocrine type
NUCLEAR GRADE:	III of III
HISTOLOGIC GRADE:(EEmSBR)	III of III (Tubules score 3 + NG score 3 + mitoses score 3)
IN-SITU COMPONENT:	DCIS (variable histology)
	comedo NG3 subareolar
	cribriform non-apocrine with comedonecrosis NG2-3 UOQ
	cribriform apocrine without comedonecrosis NG2 UOQ
LYMPH NODE SAMPLING:	Negative (0/14); see specimen #1 - #4
AJCC CATEGORIES:	Stage I (assuming "cM0" status)
pTNM:	pT1c pN0
cTNM:	cT1 cN0 cM0
INTEGRITY/ORIENTATION:	Intact specimen with designated margins
MARGINS (invasive and DCIS):	Negative; 3 cm to nearest margins (anterior & posterior locations)
LYMPHOVASCULAR INVASION:	Focal
MICROCALCIFICATIONS:	Present (associated with comedo-DCIS)
NIPPLE/SKIN: (if applicable)	Negative nipple; numerous pigmented seborrheic keratoses & simple lentigines
SKELETAL MUSCLE	Not present
OTHER:	Two core biopsy sites (1 o'clock subareolar; 12-1 o'clock UOQ); focal microcysts, mammary duct stasis/ectasia and focal usual duct hyperplasia

ICD 6 - 3

Carcinoma, infiltrating duct 8500/3
Site @ Breast NOS 850.9
MD 1/27/14

Electronically Signed Out

COMMENT

1-88329,88307 2-88333,88307 3-88333,88307 4-88307 5-88309

Clinical Diagnosis and History:

ear old female with left invasive CA/DCIS ? extensive DCIS 12-1:00
cT1,cNo,cMo clinical stage I

Tissue(s) Submitted:

- 1: LEFT AXILLARY SENTINEL LYMPH NODES #1
- 2: LEFT AXILLARY PALPABLE LYMPH NODES
- 3: LEFT AXILLARY SENTINEL LYMPH NODE #2
- 4: LEFT AXILLARY SENTINEL LYMPH NODE #3
- 5: LEFT TOTAL MASTECTOMY SUTURE IN AXILLARY TAIL

Gross Description:

Specimen #1 is received fresh for intraoperative consultation labeled left axillary sentinel lymph nodes, and consists of three lymph nodes with attached fat, ranging from 0.2 cm to 2.4 cm in greatest dimension. The lymph nodes are submitted in their entirety for permanent microscopy as follows:

- 1A: two lymph nodes
1B: one lymph node serially sectioned

Specimen #2 is received fresh for intraoperative consultation labeled left axillary palpable lymph nodes, and consists of four lymph nodes, ranging from 0.8 cm to 1.5 cm in greatest dimension. The lymph nodes are serially sectioned to reveal predominantly pink-tan cut surfaces, one of which displays a white focus. A smear preparation from the lymph node with the white focus is performed. The lymph nodes are submitted in their entirety for permanent microscopy as follows:

- 2A-D: one lymph node per cassette

Specimen #3 is received fresh for intraoperative consultation labeled left axillary lymph node, sentinel #2, and consists of one, 0.9 cm lymph node, which is serially sectioned and submitted in its entirety labeled 3A.

Specimen #4 is received in formalin labeled left axillary sentinel lymph node #3, and consists of six lymph nodes ranging from 0.2 cm to 0.7 cm in greatest dimension. The largest lymph node is bisected and the lymph nodes are submitted in their entirety as follows:

- 4A: five lymph nodes
4B: one lymph node, bisected

Specimen #5 is received fresh labeled left total mastectomy, suture in axillary tail, and consists of an 858 gm, 25 x 23 x 5 cm left total mastectomy specimen, with a suture marking the axillary tail. There is a 24 x 17 cm, ovoid to elliptical portion of brown skin on the anterior aspect, displaying a 2 x 2 x 1 cm everted nipple. The skin displays multiple brown-black, flat to raised, predominantly keratotic skin lesions, ranging from 0.1 cm to 1.0 cm and 0.6 to 0.2 cm. The largest lesion is located at 12 o'clock, 1.7 cm from the nearest 12 o'clock margins. One of the smaller lesions appears to be transected at the 5 o'clock margin. The specimen is inked as follows: superoanterior – blue, inferoanterior – green, posterior – black. The posterior margin is intact. The specimen is serially sectioned to reveal a 1.6 x 1.2 x 1.2 cm tan-white, ovoid, lobulated, indurated mass located retroareolar, 6 cm from the deep margin and 3 cm from the overlying skin. Sectioning of the mass reveals a clip. Anterior to the mass is some dense fibrosis, displaying possible comedonecrosis. Sectioning of the remaining fibrous tissue reveals a 1.2 x 1.0 x 0.6 cm rubbery, but stellate area of fibrosis at 1-2 o'clock, 11 cm from the nipple. Sectioning of this area reveals a clip. The clip is located 3 cm from the deep margin, and 6.5 cm from the overlying skin. No definitive gross tumor is associated with this clip. The remaining breast parenchyma consists of approximately 90% yellow, lobulated adipose tissue, and 10% scattered white, rubbery fibrous tissue. A small portion of tumor and normal are submitted for TCGA studies. Representative sections are submitted as follows:

- 5A: nipple
5B-5D: mass with clip, no margin
5E-5G: representative fibrous tissue anterior to mass, no margin
5H: representative deep margin to mass
5I-5K: stellate area of fibrosis with clip
5L: posterior margin and anterior skin to stellate area of fibrosis with clip
5M-5O: representative fibrous tissue at 12-1 o'clock
5P: representative upper inner quadrant
5Q: representative lower inner quadrant
5R: representative lower outer quadrant
5S: representative upper outer quadrant
5T: representative margin in second largest skin lesion
5U: representative medium five skin lesions
5V: representative smaller skin lesions
Time in formalin: 1 p.m, submitted same day

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Intraoperative Consult Diagnosis

- 1A THREE NEGATIVE LYMPH NODES (BY GROSS).
2A FOUR LYMPH NODES IDENTIFIED; THREE NEGATIVE (BY GROSS); ONE NEGATIVE (BY GROSS AND
SMEAR)
3A ONE NEGATIVE LYMPH NODE (BY GROSS AND SMEAR).

END OF REPORT

Criteria	Yes	No
Diagnosis Discrepancy		✓
Primary Tumor Site Discrepancy		✓
HIPAA Discrepancy		✓
Prior Malignancy History		
Dual/Synchronous Primary Noted		
Case is (circle):	QUALIFIED / DISQUALIFIED	
Reviewer Initials	Date Reviewed: 12/20/13	