

Carcinoma, infiltrating ductal, NOS 8500/3
Site Code: breast, NOS C50.9 1/7/11
hr

Patient

surgical f

Surg Path

UUID:EFA0354A-641D-4EC2-A1BE-4ACC7CE421DF
TCGA-B6-A0R0-01A-PR

Redacted

CLINICAL HISTORY:

Right breast Ca, rule out deep margin positive.

GROSS EXAMINATION:

A. "#1 right modified radical mastectomy", in formalin. Received in the container is a portion of breast with an attached skin ellipse containing the nipple and an axillary dissection. The specimen measures 18.5 x 14 x 3.9 cm. The attached skin ellipse measures 14.7 x 6.3 cm. The nipple appears grossly unremarkable. There is a small 0.5 cm hole 1.7 cm inferior to the nipple. The deep surface of the specimen is inked in blue and the specimen is serially sectioned revealing a 3.5 x 2 x 1.5 cm firm white mass in the medial portion of the specimen. The mass is fairly well-circumscribed but very firm to palpation. Grossly it appears to approach within 0.2 cm of the deep surgical margin. There is no definite biopsy cavity; however, there is a small area of hemorrhage just adjacent to the tumor mass. Tissue from the tumor mass has been sent for estrogen and progesterone receptors.

Block Summary:

A1- section through nipple.
A2- section through hole in skin ellipse.
A3-A5- sections of tumor with adjacent deep margin.
A6-A9- representative sections of tumor.
A10- representative sections of upper lateral quadrant.
A11- representative section of lower lateral quadrant.
A12- representative section of upper medial quadrant.
A13- five lymph node candidates from level three.
A14-A15- one large lymph node bisected, level three.
A16- one large lymph node bisected and one small lymph node candidate, level three.
A17- one lymph node candidate bisected, level three.
A18- one lymph node candidate bisected, level three.
A19- four lymph node candidates from level II.
A20- one lymph node candidate bisected from level II.
A21- two lymph node candidates from level II.
A22- five lymph node candidates from level I.
A23- two lymph node candidates from level I.
A24- two lymph node candidates from level I.
A25- two lymph node candidates from level I.

Criteria	Yes	No
Diagnosis Discrepancy		X
Primary Tumor Site Discrepancy		X
HIPAA Discrepancy		X
Prior Malignancy History		X
Dual/Synchronous Primary Mctd		X
Case is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	KAA	11311

MICROSCOPIC EXAMINATION:

Most of the tumor consists of tubules and cribriform glands composed of atypical cells with a moderate amount of eosinophilic cytoplasm and oval nuclei with distinct relatively small nucleoli. There is a sparse inflammatory response. A minor non-comedo intraductal component is present, within or near the tumor mass. Away from the tumor, no intraductal carcinoma or epithelial hyperplasia is seen.

DIAGNOSIS:

A. "RIGHT" BREAST, MODIFIED RADICAL MASTECTOMY:

INFILTRATING DUCTAL CARCINOMA (2.5 CM), NSABP HISTOLOGIC GRADE II/III, NUCLEAR GRADE MODERATELY DIFFERENTIATED.

A NON-COMEDO INTRADUCTAL CARCINOMA COMPONENT IS IDENTIFIED, COMPRISING LESS THAN 10% OF THE CARCINOMA.

NO TUMOR IS SEEN IN THE DEEP SURGICAL MARGIN.

NO VASCULAR INVASION IS IDENTIFIED.

TWO OF SEVENTEEN (2/17) LYMPH NODES ARE POSITIVE FOR METASTATIC
ADENOCARCINOMA.

BREAST TISSUE WITH APOCRINE METAPLASIA AND MICROCALCIFICATIONS IN
NON-NEOPLASTIC LOBULES.

Verified by