

PATIENT HISTORY:

The patient is a -year-old female with no clinical history or LMP given.

PRE-OP DIAGNOSIS: Right breast CA.

POST-OP DIAGNOSIS: Same.

PROCEDURE: Right segmental mastectomy, sentinel node.

Site Code: breast, NOS

650.9

UUID:88FF655E-47AB-48B0-B119-1402A335126A
TCGA-BH-A18T-01A-PR

Redacted

ADDENDA:

Addendum

ESTROGEN/PROGESTERONE AND HER-2/NEU REPORT

Using appropriate positive and negative controls, the test for the presence of these hormone receptor proteins is performed by the immunoperoxidase method, and reported according to the consensus statement on adjuvant therapy for breast cancer, of, A positive ER or PR tumor shows any nuclear immunostaining, and is semiquantitated as indicated below.

Result Semiquantitative Statement

ER negative Percent cells staining as: (0 100%).

PR negative Percent cells staining as: (0 100%).

HER-2/NEU DAKO HERCEPT: A WEAK TO MODERATE COMPLETE MEMBRANE STAINING IS OBSERVED IN MORE THAN 10% OF THE TUMOR CELLS. HER-2/NEU IS INTERPRETED AS WEAKLY POSITIVE (SCORE 2+).

NOTE: Her-2/Neu FISH was ordered and will be subsequently reported.

The Her-2/neu and estrogen/progesterone receptor assays were performed with FDA approved methods.

FINAL DIAGNOSIS:

PART 1: BREAST, RIGHT, SEGMENTAL MASTECTOMY -

- A. INFILTRATING DUCTAL CARCINOMA, 3.1 CM, POORLY DIFFERENTIATED, NOTTINGHAM SCORE = 9/9 (TUBULES = 3, NUCLEAR GRADE = 3, MITOSES = 3).
- B. LYMPHOVASCULAR INVASION IS IDENTIFIED.
- C. SEPARATE FOCI OF DUCTAL CARCINOMA IN SITU, SOLID TYPE, HIGH NUCLEAR GRADE.
- D. THE DUCTAL CARCINOMA IN SITU EXTENDS CLOSE (< 0.1 CM) TO THE POSTERIOR SURGICAL MARGIN OF RESECTION.
- E. ALL SURGICAL MARGINS OF RESECTION ARE FREE OF TUMOR.
- F. NON-NEOPLASTIC BREAST WITH FIBROCYTIC CHANGES.

PART 2: SENTINEL LYMPH NODE #1, RIGHT AXILLA, BIOPSY -
ONE (1) LYMPH NODE, NEGATIVE FOR TUMOR (0/1), (see comment).

PART 3: SENTINEL LYMPH NODE #2, RIGHT AXILLA, BIOPSY -
ONE LYMPH NODE, NEGATIVE FOR TUMOR, (0/1), (see comment).

PART 4: NON-SENTINEL LYMPH NODE, RIGHT AXILLA, BIOPSY -
ONE LYMPH NODE, NEGATIVE FOR TUMOR, (0/1).

COMMENT:

Cytokeratin (AE1/3) stains have been performed and confirm the negative status of the sentinal lymph nodes.

Criteria	Yes	No
Diagnosis Discrepancy		
Primary Tumor Site Discrepancy		
HPA Discrepancy		
Prior Malignancy History		
Dual/Synchronous Primary Noted		
Case is (circle) RECALIFIED / DISQUALIFIED		
Reviewer Initials		
Date Reviewed		

MICROSCOPIC:

SYNOPTIC - PRIMARY INVASIVE CARCINOMA OF BREAST

- A. Laterality: 1
 1. Right 2. Left
- B. Procedure: 1
 1. Segmentectomy 3. Modified radical mastectomy
 2. Simple mastectomy 4. Re-excision
- C. Location: 6
 1. Central subareolar 4. LOQ
 2. UOQ 5. LIQ
 3. UIQ 6. Not specified
- D. Size of tumor (maximum dimension invasive component by gross or microscopic exam): 3.1 cm
- E. Type (invasive component): 1
 1. Ductal, NOS 5. Cribriform 9. Metaplastic
 2. Tubular 6. Papillary 10. Other
 3. Mucinous 7. Lobular
 4. Medullary 8. Carcinoid like
- F. If lobular carcinoma, specify type: N/A
 1. Classical 4. Signet ring 7. Pleomorphic
 2. Solid 5. Trabecular
 3. Alveolar 6. Tubulobular
- G. Nottingham Score:
 G1. Nuclear grade: 3
 G2. Tubule formation: 3
 G3. Mitotic activity score: 3
 G4. Total Nottingham score: 9
 G5. Nottingham grade (1, 2, 3): 3
- H. Angiolymphatic invasion: 2
 1. No 2. Yes
- I. Dermal lymphatic invasion: 2
 1. Yes 2. No
- J. Calcification: 1
 1. No 2. Yes - benign zones 3. Not applicable
 3. Yes - malignant zones
- K. Type of in situ component: 2
 1. Cribriform 4. Micropapillary 7. Lobular
 2. Solid 5. Apocrine
 3. Papillary 6. Comedo
- L. Percentage of tumor occupied by in situ component: n/a
- M. Surgical margins involved by invasive component: 1
 1. No 2. Yes - focal 3. Yes - diffuse
- N. Surgical margins involved by in situ component: 1
 1. No 2. Yes - focal 3. Yes - diffuse
- O. Paget's disease of nipple: 2
 1. Yes 2. No
- P. Number of positive lymph nodes: 0
- Q. Total number of lymph nodes examined: 3
- R. Sentinel node metastasis: 2
 1. Yes 2. No
- S. Only micrometastases to lymph nodes (none larger than 0.2 cm): n/a
 1. Yes 2. No
- T. Metastasis/es to a lymph node 2 cm. or more in greatest dimension: n/a
 1. Yes 2. No
- U. Lymph node metastasis/es with extracapsular extension: n/a
 1. Yes 2. No
- V. Metastases to ipsilateral internal mammary lymph node (if applicable): n/a
 1. Yes 2. No
- W. Skin involved (ulceration): 2
 1. Yes 2. No
- X. Non-neoplastic breast tissue: 6
 1. ADH 4. Fibroadenoma 7. LCIS
 2. ALH 5. Papilloma 8. Other
 3. Radical scar 6. FCD
- Y. Multicentricity/multifocality of invasive foci: 2
 1. Yes 2. No
- Z. TNM stage: T 2 N 0 M X

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Case Is (circle):	QUALIFIED	DISQUALIFIED
Reviewer Initials	Date Reviewed: / /	