

Pathology Report

PATHOLOGICAL DIAGNOSIS: invasive ductal carcinoma, right breast
STAGE: pT1c N0sn MX

CLINICAL DETAILS:

Biopsy showed moderately differentiated invasive ductal carcinoma right breast.
Now Partial Mastectomy with SNB x 2.

MACROSCOPIC Descriptions:

Side. Right
Specimen type Partial Mastectomy
Weight (grams). 55
Dimensions (mm) 20 x 15 x 18
Guide wire present. Yes
Previous malignant histology. . . Yes
Axillary procedure. Sentinel node biopsy
Skin ellipse. Yes
Orientation sutures Sutures with stitches: short 1 = superior, long 2 = lateral
Appearance of cut surface . . . Pale nodular tumor centrally
Max. dimension of lesion (mm) . . 12

DISTANCE FROM MARGINS:

Sagital (mm). 5 to Anterior
Coronal slices (mm) 5 to 3 O'clock

Comment:

Specimen A: Right partial mastectomy - as above.
Specimen B: Sentinel node 1 - Fatty tissue up to 15mm with blue node 8mm.
Specimen C: Sentinel node 2 - Fatty tissue up to 10mm with vaguely blue node 6mm.

MICROSCOPIC Descriptions:

BENIGN LESIONS. Fibrocystic change

IN SITU NEOPLASIA DCIS, solid type
Grade High

CALCIFICATION Yes, associated with DCIS

INVASIVE CARCINOMA. Invasive ductal carcinoma

INVASIVE TUMOUR GRADING

Tubule Formation. 3
Nuclear Pleomorphism. 2
Mitotic Rate Score. 1
Tumor Grade. 2

LYMPHOVASCULAR INVASION No

INVASIVE TUMOUR DIAM (mm) 11
TUMOUR EXTENT Localized

DCIS DIAM (mm). 5

INVASIVE PLUS DCIS (mm) 11
DCIS AS % OF LESIONAL AREA. . . . <25%
DCIS IN ADJACENT TISSUE No

MARGINS

DCIS to A / P Margin (mm) 9 to Anterior
DCIS to Circumf Margin (mm) . . . 10 to 3 O'clock
Invasive to A/ P Margin (mm). . . 7 to Anterior
Invasive to Circ. Margin (mm) . . 7 to 3 O'clock

NODES (total from all related specimens) . . . 2
Nodes with Metastases > 2 mm 0
Nodes with Micrometastases (0.2-2.0 mm). . . 0
Nodes with Isolated Tum. Cells (< 0.2 mm). . . 0
Extra-Capsular Spread. No
If sentinel Node; Metastatic Tum. Size (mm). .

Comment:

Specimen A: Right partial mastectomy - as above.
Specimen B: Sentinel node 1 - 0/1 node.
Specimen C: Sentinel node 2 - 0/1 node.

SUMMARY:

Invasive ductal carcinoma, grade 2, diameter 11mm. Lymphovascular invasion: No. Invasive carcinoma to A/P resection margin: 5mm to Anterior. Invasive carcinoma to nearest circumferential resection margin: 7mm to 3 O'clock. DCIS, solid type present. Total nodes: 2, with metastases >2mm: 0, with metastases 0.2-2mm: 0, isolated tumour cells: 0. Extracapsular spread: No. Stage: pT1cN0sn MX.