

Pathology – bioptic report.

ID: 2030001-00001

Date: 09-JUN-2021

Examination and localization: CORE-CUT breast biopsy LEFT, hypoechoic lesion on the left in the ZHK

A - sampling from the above described 32 mm hypo-location, tips connected with the smaller dorsal one - 6 samples from different parts

B - irregular hypo- to anechogenic infiltrate behind the mamilla - 4 samples

Macroscopic findings: Completely processed.

Microscopic finding:

Ad A) 1-6: in five cylinders invasive carcinoma of solid trabecular and solid nodular structure with variable amount of desmoplastic stroma or infiltrating into adherent adipose tissue, with high nuclear variability, mitoses sporadically present.

Ad B) 7-10: in all cylinders invasive carcinoma of predominantly micropapillary structure, with high nuclear variability, mitoses sporadically present.

Immunohistochemical determination of tumor cell receptors:

ER: 100% in both, PR: 10 and 5%, Ki67 (automated): 41 and 59 %

Conclusion:

In core-cut biopsy from the left mamma:

1) in the ZHK invasive NST carcinoma, tentatively G3, ER 100%, PR 10%, proliferative activity high (41%), HER2 see separate protocol,

2) behind mamilla invasive carcinoma, possible micropapillary type, tentatively G3, ER 100%, PR 5%, proliferation activity high (59%), HER2 see separate protocol.

CLASSIFICATIONS:

topography(ICD-O-3): C509 (left), morphology(ICD-O-3): 8500/33, dg: C509

Admission of sample: 09-JUN-2021 at 12:49 pm

Proven by pathologist: 11-JUN-2021 at 10:53 a.m.

Pathological – predictive report.

ID: 2030001-00001

Date: 10-JUN-2021

Clinical diagnosis and query: CORE-CUT breast biopsy LEFT, hypoechoic lesion in the left ZHK

Required investigations: Her-2 immunohistochemistry [T], Her-2 ISH [T].

Her-2 immunohistochemistry:

Conclusion: HER2 equivocal (2+).

Her-2 ISH, evaluated by FISH method:

Conclusion: HER2 negative (without amplification).

Classification: no amplification

Interpretation: both foci of invasive carcinoma in the left mammary puncture (ZHK and centrum) are **HER2 negative.**

Admission of sample: 10-JUN-2021 at 14:12

Proven by pathologist: 17-JUN-2021 at 10:33 a.m.