

B – Category	Definition	Diagnosis
B1	Normal tissue Not sufficient tissue	Artefactes, bleeding Microcalcification (<100 µm) in normal terminal ductuli Normal breast tissue Minimal stromal fibrosis
B2	Benign lesions	Fibroadenoma Usual ductal hyperplasia (UDH) Fibrosis with cysts Sclerosing adenosis Cysts, gangectasia Periductal chronic inflammation Abscess Fat tissue necrosis Microcalcification (>100 µm) Columnar cell lesion without atypia Small papilloma (completely removed) Apocrine metaplasia Pseudoangiomatous stromal hyperplasia (PASH)
B3	Benign lesion with uncertain biological potential	Atypical ductal Hyperplasia (ADH) Lobular Neoplasia (LN, Ø pleomorphic) Columnar cell lesion with atypia (FEA) Papillary lesion (Papilloma with UDH, larger Papilloma) Phylloides Tumor (PT) Fibroepithelial Tumor (suspicious of PT) Radial scar Complex sclerosing lesion Adenomyoepithelioma Pregnancy like change with atypia) Mucocele like lesion Spindle cell stromal Proliferation
B4	Suspicious of malignancy	Probably malignant, evaluation limited due to technical reasons. At least ADH, DCIS (non-high grade) not excluded. Papilloma with ADH
B5	Malignant  a Non-invasive breast cancer. b Invasive breast cancer c Invasion not excluded d Other malignancy, metastasis (except carcinoma)	DCIS, LN (pleomorphic), Microinvasion (a) M. Paget (a) Invasive breast cancer (b) At least DCIS, invasion not excluded (c) Metastasis, Lymphomas, Sarcomas (d) malignant Phylloides Tumor (d)