Patients with breast cancer who underwent surgery between 2003 and 2021 (n=3,289)
Patients who were diagnosed after vacuum-assisted breast biopsy under ultrasonography (n=52)
Diagnosis with benign lesion after slide review (n=3)
- Lobular carcinoma *in situ* (n=1)
- Atypical ductal hyperplasia (n=1)
- Flat epithelial atypia (n=1)
Patients included in the study (n=49)
- Unilateral (n=48)
- Bilateral (n=1)