**Appendix I: Flowcharts of Management Pathway**

Chart 1: Atypical Ductal Hyperplasia (ADH)

A diagram of a computer

Description automatically generated with medium confidence

Chart 2: Flat Epithelial Atypia (FEA)

A diagram of a flowchart

Description automatically generated

Chart 3: Classical Lobular Neoplasia (LN)

A diagram of a medical structure

Description automatically generated with medium confidence

Chart 4: Papillary lesions without atypia (PL)

A diagram of a flowchart

Description automatically generated

Chart 5: Benign and borderline phyllodes tumor (PT)

A diagram of a medical structure

Description automatically generated with medium confidence

Chart 6: Radial scar (RS)

A diagram of a medical procedure

Description automatically generated with medium confidence

**Remarks:**

For core needle biopsy, 14G achieve or Magnum needle were used. For vacuum-assisted biopsy, 10G Encor needle was used. At least 3 samples would be obtained for each lesion.

For vacuum-assisted excision, we aimed to remove the index lesion or residual lesion. No free margin would be required except in borderline phyllodes cases.

In our centre, 10G Encor needle will be used with 18 samples taken or entire removal of the index lesion. Equivalent samples could be taken for 7G / 9G needle according to own institution practice.