

## **Stereotactic or ultrasound-guided seed labelling of the breast**

In the procedure, the area to be removed during surgery is marked with a seed that emits a radio signal. The procedure can be performed either stereotactically guided with a X-ray mammography device or ultrasound-guided, depending on the location of the abnormality.

### **How to prepare for the procedure?**

Any blood thinning medications should be stopped for 2-3 days before the procedure, where possible and considering the underlying disease (e.g. prosthetic valve). In these cases, the matter should be discussed with the attending physician. You should also stop taking any supplements containing omega-3 for 10 days before the procedure. There are no other preparations for the procedure.

### **How is the examination done?**

The site being marked is always anesthetized before the biopsy. A small skin puncture will be made at the injection site.

If the procedure is performed with a mammography X-ray device, the breast is placed under tight compression during the procedure while the patient lies on their side, on the bed. When the procedure is performing using ultrasound, the patient lies on their back and the chest is not compressed.

Please allow about 1.5 hour for the procedure.

### **What about after the examination?**

After the marking is done, the injection site is pressed with an ice pack for at least 10 minutes to prevent bleeding. Finally, mammograms are taken to confirm the location of the lump. After the procedure, the breast may feel tender and a bruise may develop.

The injection site should be kept dry for 1 day.