



## Patient Information Guide Breast Needle Localization

### What is a Breast Needle Localization?

A Breast Needle Localization is recommended for patients who have had a mammogram, ultrasound or MRI in which an area of interest has been identified. The doctor is unable to feel this area of interest so it is necessary to locate it by placing a thin wire at the region. Images are used to help guide the placement of the wire. This procedure is done on the day of your surgery and helps the surgeon locate and remove the area of interest within your breast.

### What should I do to prepare for this test?

- DO NOT eat or drink on the day of your appointment
- Follow the instructions that were given to you by your doctor
- When you arrive at the hospital, report to the Day Surgery area
- You will be asked about your medical history and allergies
- If you have any questions, call the Mammography Department (see below) where your procedure is booked

### What will happen during the test?

- You will be placed in position and images of your breast will be taken
- Your breast will be cleaned and a local anesthetic will be used to freeze the breast tissue
- A needle will then be placed in the area of interest
- Next, we will take more images to ensure the needle is in the correct area
- Sometimes, the needle has to be repositioned. Once the needle is in the correct position, it will be removed leaving a thin wire in the breast
- The thin wire will remain in your breast to guide the surgeon during your surgery

### What will happen after the Test?

- You will be taken back to the Day Surgery Department and then to the Operating Room for your surgery
- The area of your breast that was removed will be sent to the lab
- Your surgeon will receive the results

Lakeridge Health Oshawa  
Breast Assessment Centre  
Telephone (905) 576-8711 ext. 33923  
Office Hours 8am-4pm

Lakeridge Health Ajax Pickering  
Mammography Department  
Telephone (905) 683-2320 ext. 11434  
Office Hours 7am-3pm

Lakeridge Health Bowmanville  
Mammography Department  
Telephone (905) 576-8711 ext. 21370  
Office Hours 8am-4pm