



Pre- Operative Breast Needle Localization

Reason for Procedure:

This procedure 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 placement of a needle using imaging guidance. This procedure is done on the day of your surgery and helps the surgeon locate and remove the area of interest within your breast.

Where to go?

2 hours before the time of your operation, report to the Day Surgery department

What will happen?

- You will be asked about your medical history and allergies.
- You will put on a hospital gown.
- You will be taken to the Breast Assessment Centre or the Diagnostic Imaging Department
- The Radiologist (x-ray doctor) will explain the procedure to you.
- Please use this time to ask any questions.
- You may need to have another mammogram

- For the procedure, your breast will be cleaned and we may also have to freeze the area of your breast where the needle will be placed.
- The needle will then be placed in position.
- Next we will repeat the mammograms in various positions with the needle in place to check the position.
- Sometimes, the needle has to be repositioned, if this happens, it is quite easy to do and will cause little discomfort to you.
- When the Radiologist agrees that we have a good position, a thin wire is placed through the needle to mark the area and the needle is removed.
- The thin wire will remain in your breast to guide the surgeon.
- A bandage will be placed over the wire.
- You may be asked to put your bra on.
- You will be able to move around without pain.
- You will then be taken back to the Day Surgery Department and then to the operating room for your surgery.
- When your surgery is over, you will be taken to the recovery room until you are ready to go home.

The area of your breast that has been removed will be sent for study and the result will be sent back to your Surgeon. If you have any questions please call the Diagnostic Imaging Department between 8 a.m. and 4 p.m. or call your Surgeon's office.

Contact Information

LH Oshawa Diagnostic Imaging department

905-433-4305

LH Bowmanville Diagnostic Imaging department

905-623-3301 extension 1370

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