Ultrasound Guided Wire Localization

An Ultrasound Guided Wire Localization is used prior to surgery to place a thin wire into the breast tissue. This wire acts as a marker during surgery and enables the surgeon to remove the correct area of breast tissue.

Before the Procedure:
- Please follow the instructions given to you by Same Day Surgery for your surgical procedure following the localization.
- Tell your doctors and the technologists if you have any allergies to local anesthetic.
- Do not eat anything after midnight the night before your procedure.
- Bathe before the procedure.
- **When scheduling your procedure, notify the Breast Health staff if you are taking any blood thinning medication or medicine that makes you bleed easily, including the following:**
  - Plavix
  - Coumadin
  - Lovenox
  - Pradaxa
  - Pletal
  - Ticlid
  - Xarelto
  - Fragmin

  - Check with your physician before changing or stopping any blood thinning medication.

During the Procedure:
- You will undress from the waist up and put on a gown that opens in the front.
- You will be lying on your back for this procedure.
- An ultrasound machine is used to locate the area of concern.
- The skin on your breast is cleansed and a local anesthetic is injected to numb the area.
- A very fine, hollow needle is used to target the breast abnormality.
- A slender wire will be threaded down through the needle and out its tip. The needle will be removed, leaving the wire in place.
- A mammogram may be performed to confirm the marker is in the proper position.
- This procedure is usually completed within an hour.
- You will be taken into surgery.

After your Surgery:
- You will be given post surgical instructions to follow.
- You must have someone to drive you home.

If you have any questions, please call 775.982.4186 and ask to speak to one of our technologists or Nurse Navigator.

**Consent forms must be signed prior to taking any type of mind-altering medication. If any such medication has been taken, the procedure will not be preformed and the patient will need to reschedule the exam.**