Needle-Wire Localization for Breast Biopsy

A needle-wire localization for breast biopsy is a procedure done to help pinpoint an area of the breast for surgical biopsy. This procedure is done in Radiology just before surgery.

Preparing for this procedure

- If you are pregnant, or think you might be, tell the radiologist or technologist before this procedure.
- Please plan to arrive in the Department of Radiology, 2nd floor Rhodes Hall, **15 minutes before your scheduled appointment time**.
- Wear a loose blouse or top which can be easily removed.
- Follow any other instructions you received from your doctor.

How is the procedure done?

A registered technologist will start the procedure by taking a few pictures using ultrasound. Ultrasound uses sound waves to show pictures of your breast tissue.

The radiologist, a doctor who specialized in radiology, then cleans a small area of your breast and injects medicine to numb the area. A...
very small cut is made to insert a thin wire into your breast. The ultrasound is used to guide the wire to pinpoint the area of interest. This wire stays in your breast until the surgical biopsy begins. You will go to surgery right after the procedure.

The procedure takes about one hour. The staff will try to make you as comfortable as possible. Please let us know if you have any discomfort.

**Any other questions or concerns?**

If you have any questions or concerns, please call us at (614) 293-6816 or (614) 293-4393. Our receptionist will be happy to direct your call to a qualified staff member who will answer your questions.

Talk to your doctor or others on your health care team if you have questions. You may request more written information from the Library for Health Information at (614) 293-3707 or email: health-info@osu.edu.