

Ultrasound-Guided Breast Biopsy

An ultrasound-guided core biopsy uses an ultrasound scan to help the radiologist guide a needle for a biopsy. The biopsy is removal of tissue or fluid samples from a lump to examine under a microscope. A pathologist reviews the biopsy samples and gives a report to your doctor. The results of this procedure can provide information that the doctor needs to determine what treatment (if any) to use.

How should I prepare for the biopsy?

- You may drink and eat a light meal before the procedure, unless you are scheduled for another procedure the same day that requires you to not eat or drink anything. Be aware of all preparation instructions for all procedures.
- Bring a list of your medications.
- Leave jewelry and valuables at home.

Ultrasound Procedure

You will be taken to the examination room, where you will change into a hospital gown. You will lie on an examination table. The technologist will apply gel to your skin in the area where the lump is located. This gel provides contact between your skin and the transducer. The transducer will be moved over the area, and it will send and receive sound waves that will create pictures on the monitor. During this part of the procedure, you may feel the transducer rubbing across your skin.

Biopsy Procedure

During the biopsy:

1. The radiologist will inject a local anesthetic to numb the underlying skin and tissues.
2. The radiologist will insert a hollow core needle through the skin and into the lump. You may feel some discomfort. The doctor will remove a small sample of tissue or fluid from the site. More than one biopsy may be taken.

After the Procedure

You may have minor pain and bruising in the area where the biopsy was taken. If you have any unusual pain or swelling, call your doctor. Your doctor usually, receives the final test results within 2 to 4 days.

Should you have any questions or need to speak with our scheduling department, please call (904) 202-2499.