



MR-Guided Breast Biopsy Instructions

Please tell our staff prior to your exam if you think you might be pregnant. Pregnancy is a contraindication for any MRI exam.

To prepare for your MR-Breast Biopsy, refrain from taking aspirin or blood thinners in order to reduce excessive bleeding during the exam. Our staff will discuss this with you prior to the day of your examination.

The exam begins like your previous Breast MRI. You will receive contrast to localize the lesion again for the biopsy and you will be positioned on your stomach. At this time, the breast in question will be gently compressed with a grid to help assist in stabilizing the breast and thereby avoiding any unnecessary movements during the insertion of the biopsy localizer.

Your intravenous line will be started and the breast will be swabbed with betadine cleansing solution to cleanse the biopsy site. The grid will be positioned and the scanning will begin. This takes approximately 5 minutes. With this information, we will designate the location of the lesion. We will then bring you out of the scanner and the doctor will numb the biopsy area with lidocaine numbing solution. The biopsy localizer will be inserted to the designated lesion, at which time another 2 minute scan is taken to confirm the exact location. Once confirmed, the biopsy probe is placed. Small tissue samples are taken with a vacuum assisted device that will release additional numbing medication in the breast at the same time. This prevents having to remove the probe after each sample. Once the tissue samples are taken, another minute of light suction is utilized to help remove residual medication and saline. A small metal marker is then placed at the biopsy site to aide in relocating this area should further follow up be indicated. Another 2 minute scan is taken to document accurate placement of the marker.

When the exam is completed, the doctor will remove the biopsy probe from the breast. Pressure is applied to the breast with gauze, then steri-strips are applied over the small biopsy site. We will discuss post-biopsy care and send you home with written instructions as well. Some minimal bruising and drainage is normal. Please feel free to call us with any questions or concerns you may have following your MR-Guided Breast Biopsy.