MRI Guided Breast Biopsy

A MRI guided biopsy uses computer technology to guide a biopsy needle to an abnormal area seen on a MRI exam. This is a simple and safe procedure that requires little recovery time.

Important Medical Information

Talk to your doctor about any medicines you take to thin your blood or prevent clots. You may need to change these medicines or adjust the amount you take before surgery.

These medicines include:

- Aspirin
- Clopidogrel, brand name Plavix
- Prasugrel, brand name Effient
- Ticagrelor, brand name Brilinta
- Apixaban, brand name Eliquis
- Ticlopidine, brand name Ticlid
- Warfarin, brand name Coumadin
- Enoxaparin, brand name Lovenox
- Dabigatran, brand name Pradaxa
- Fondaparinux, brand name Arixtra
- Rivaroxaban, brand name Xarelto
- Cilostazol, brand name Pletal
- Edoxaban, brand name Savaysa

If you have a stent, do not stop taking your medicines to prevent clots without first talking to the doctor who put in the stent. For more information, ask a member of your health care team for the patient education handout on protecting your stent.

This handout is for informational purposes only. Talk with your doctor or health care team if you have any questions about your care.

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If you take aspirin or medicines like aspirin for arthritis pain, your doctor may have you take a different medicine in the weeks before your procedure.

If your procedure is canceled for any reason, call your doctor because you may need to restart the medicines you take to thin your blood or prevent clots.

**How should I prepare for this procedure?**

- Do not take Fish Oil and Vitamin E for 7 days before the procedure.
- Do not use underarm powder or deodorant on the day of the procedure.
- Bring a tight fitting bra. A sports bra is best.
- Arrive 30 minutes before your appointment time.
- If you are pregnant, or think you might be, tell the radiologist or technologist before the procedure.

**How is the procedure done?**

- You will have a tube (IV) put into a vein in your arm. The contrast material for the MRI will be given through the IV. You will then lie face down on the MRI table.
- The breast to be biopsied will be placed through an opening on the MRI table and gently compressed to hold it still during the procedure.
- MRI images will be taken to confirm that the abnormal area is still there. Then using computer imaging, the radiologist will locate the area of the breast tissue to be biopsied.
- The Radiologist will clean and then numb the area with medicine. A very small nick will be made in the skin where the biopsy needle will be inserted. Once the biopsy needle is in place, more images of the breast will be taken to make sure the location of the needle is correct.
- You will then be brought out of the scanner and samples of the breast tissue will then be taken through the biopsy needle.
- A small marker may be placed at the biopsy site so that it can be located in the future if needed. If nothing else is needed, the clip just remains in place and should not cause any problems.
• When the procedure is finished, sterile gauze will be held on the area to reduce the risk of bleeding.

• After the procedure, steri-strips and a compression bandage will be placed over the incision. An ice pack will be put on the area to reduce any swelling.

• When you are ready to leave, you will be given instructions on how to care for your incision.

• Your appointment will take 60 to 90 minutes.

Who do I call if I have questions?

If you have any questions or concerns about this procedure, please call The Stefanie Spielman Comprehensive Breast Center Radiology Department at (614) 688-7210.