Northeast Georgia Medical Center

Y90 Mapping

How should I prepare for this procedure?

- You must not eat or drink anything after midnight the night before your procedure. A sip of water with certain approved medications is the only thing acceptable to be taken by mouth.
- For Gainesville procedures, you will need to arrive an hour and a half before your scheduled appointment time. For Braselton procedures, you will need to arrive an hour to an hour and a half before your scheduled appointment time. For Barrow procedures, you will need to arrive an hour before your scheduled appointment time.
- A nurse from the Interventional Radiology department will reach out to you via phone the day before your procedure.
- For your safety, you must have a caregiver or responsible adult with you to drive you home after your procedure. Due to the effects of anesthesia, sedation, or other post-procedural effects, you will not be able to drive yourself. Additionally, the responsible adult accompanying you will assume responsibility for you upon discharge. This person should be someone who can provide support and care as needed while you recover.
- Blood thinners need to be held for this procedure. You will need to check with your primary care provider that it is acceptable for your blood thinners to be held for this procedure.

What should I expect when I arrive?

- For Gainesville, you will go to the registration department in the Blue tower of the hospital. When you arrive in the main lobby of the Blue tower, go down the hallway on your left. The registration department is located on the right. Labs will be drawn here if necessary.
- For Braselton, you will go in through the main entrance and check in at the desk. You will be directed to registration from there. Labs will be drawn here if necessary.
- For Barrow, you will go to the registration desk located inside the main entrance of the hospital.
- After registration, you will go to the radiology waiting room. A staff member will show you back to the Interventional Radiology department. Your driver can accompany you back to the prep area.
- A provider and nurse will explain the procedure, go over discharge instructions, and decide what medications can be safely given. An IV for medication administration will be placed.
- When it is time to go to the IR lab for your procedure, your driver will be shown to the waiting room.

What medications will be offered during this procedure?

- Moderate sedation is commonly offered for this procedure. However, medications offered will be dependent on provider discretion the day of your procedure. Moderate sedation is intended to make you comfortable and help with any pain. However, you will be awake for this procedure.
- The medications commonly used for moderate sedation are Versed and Fentanyl.

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What should I expect during my procedure?

- When it is time for your procedure, your nurse will take you to the IR room.
- You will be positioned on your back on the IR table and sterile drapes will cover you.
- When your nurse and tech are ready, the provider will be paged to the procedure room.
- The provider will numb the area with a local anesthetic.
- The provider will make a tiny cut in your groin or wrist. They'll use this as an access point to locate the major artery that leads to your tumor.
- The doctor will thread a tiny plastic tube (catheter) through the artery. They'll place the catheter while watching a screen that shows its location within your artery.
- The doctor will inject a safe dye through the catheter. The dye causes the network of blood vessels supplying the tumor to stand out on the screen. They'll map this route, so they know exactly where to direct the Y-90 beads during the actual infusion.
- They will remove the catheter. Afterward, they'll place a bandage over the cut to stop the bleeding. The cut is so minor that you won't need stitches. You likely won't have scarring.

What should I expect after my procedure?

- You will be required to lay flat for a certain amount of time after your procedure. The amount of time is reliant on the type of closure device used during your procedure and will be relayed to you after your procedure is complete.
- You will go for a Nuclear Medicine scan after your procedure is complete.
- You can expect to stay in recovery for a minimum of 2 hours after your procedure. After your recovery is complete, you will be discharged home.
- The provider will meet with you prior to discharge home to discuss the treatment plan.
- Minor discomfort may be present that should be controllable by over-the-counter medications (Tylenol, Ibuprofen, etc.) or whatever you normally take for pain at home. No pain medication prescriptions will be provided on discharge. Any significant pain post-procedure would warrant a trip to the ER or a call to the ordering physician.