

Radiology Imaging Services

801 7th Ave
Fort Worth, Texas 76104
682-885-4076

What is an MIBG scan?

MIBG (metaiodobenzylguanidine) has a small amount of radioactive material that shows up during the scan so the camera can take pictures.

We do an MIBG scan for suspected neuroendocrine tumors. We also use MIBG as a follow-up exam before and after therapy. An MIBG scan takes several days to complete.

Before the MIBG

Tell your doctor about:

1. All medicines your child takes.
2. All allergies, especially to iodine.

SSKI drops

Super Saturated Potassium Iodide drops

Your child will need to drink a special iodine solution called SSKI drops prior to the injection day. Your doctor will give you the prescription for this medicine and tell you when and how much to take.

MIBG Scan: First Visit

A member of the Radiology team will meet with you. We ask about your child's medical history, explain the procedure and answer your questions. An IV is necessary to perform the exam.

Starting an IV:

1. An IV is a very tiny tube we place in a hand, arm, or even foot vein. Tape holds it in place.
2. We have numbing medicines and other ways to help take away the ouch and ease anxiety. Please ask us about our Comfort Menu.

MIBG Injection:

1. MIBG is put into the IV tubing.
2. This material helps us see the tumors.
3. It takes time for the body to absorb the MIBG.
4. You go home after we give the MIBG. We will schedule you to return the next day for the scan.

Returning for MIBG Scan

On the day your child returns, go directly to the Radiology Department.

A member of the Radiology team will take you to the Nuclear Medicine scan room.

How we do the MIBG Scan

Your child will lie down on a special bed.

- A camera above and below the bed will take the pictures.
- Stay very still while we take the pictures.



Will my child be sedated?

MIBG scans are very sensitive to movement.

- It is important for your child to lie very still.
- Your child may need sedation if they are young or have a hard time holding still.
- Sedation will be ordered by your child's doctor when the MRI is scheduled.

If your child needs sedation, a nurse will call you for additional medical information. Our Radiology Nurse will also call with preparation and arrival instructions.

Helping your child understand

A Child Life Specialist may be available to explain the procedure to your child. They use special words, toys, and games developed for each age group. This helps children better understand what happens during the exam.

Child Life also helps children to relax and cope by using comforting stories and calming exercises.

Please let us know if you or your family would like to visit with a child life specialist before the exam. You can call the Child Life Department if you have any questions or concerns at: 682-885-2677.

Special instructions Please read carefully

If you cannot follow the preparation for this exam, we will need to reschedule your child's scan.

Important: SSKI drops must be started prior to the injection day or the MIBG scan will be rescheduled. **Your child's doctor will place an order for the SSKI drops.**

1. Please report to patient registration at your child's scheduled **arrival** time on the first visit.
2. Please allow 90 minutes for each visit.
3. There are no special diet changes **unless we use sedation.**
4. A parent/guardian can stay in the room during the procedure unless we use sedation.
5. Please do not bring other children. Your child will need all of your attention.
6. We will ask you about your child's medicines and allergies.
7. If your daughter is 10 years or older, we will need to complete a pregnancy screening and possibly do a pregnancy test.

If you are unable to keep your child's appointment please call us as soon as possible.

After the MIBG scan

After the exam is over, your child may eat and drink as usual and return to normal activities if not sedated.

A Radiologist will read the exam and send the results to your child's doctor. Your child's doctor will review the results. Their office will share these results with you.

My notes

These instructions are only general guidelines. Your doctor may give you special instructions. If you have questions or concerns, please call your doctor.