



St. Luke's Imaging Services Patient/Family Information

Nuclear Medicine
I123 MIBG Scan

What is an MIBG Scan?

A Nuclear Medicine MIBG exam is used to detect and localize neuroendocrine tumors. Images will be 24 hours after the injection. There is also a possibility of a second set of images at 48 hours after the injection. This will be determined after the images are taken at 24 hours.

Special Note

Before the exam, please tell your doctor if you are or think you may be pregnant or are nursing.

No caffeine until all imaging is completed.

Preparation

Please bring you medication list with you to your exam.

For 24 hours before your injection, please avoid foods containing vanilla, chocolate and blue-veined cheeses.

Medication Instructions: _____

Please register at the West Entrance Registration Desk prior to going to the Imaging Services Department on Day 1.

Day 1 – _____ (Date) _____ (Time)

1. Pick up the potassium iodide from St. Luke's Imaging Services Department.
2. Take one 130mg tablet of potassium iodide
3. For 24 hours before your injection, please avoid foods containing vanilla, chocolate and blue-veined cheeses.
4. No caffeine.
5. Drink plenty of fluids throughout the day.

Day 2 – _____ (Date) _____ (Time)

1. Drink plenty of fluids throughout the day.
2. Take one 130mg tablet of potassium iodide
3. Take one dose of Milk of Magnesia, this can be purchased over the counter at your local pharmacy. Follow the instructions on the bottle for an adult dose.
4. Please call your physician before taking the laxative if you have active diarrhea

Day 3 – _____
(Date) (Time)

1. Drink plenty of fluids throughout the day.
2. Take one 130mg tablet of potassium iodide.
3. If you need to return for additional images the next day, please take 1 more dose of milk of magnesia, again following the instructions on the bottle for an adult dose.

Day 4 – _____
(Date) (Time)

1. Drink plenty of liquids.

What Happens During the Test?

A Nuclear Medicine technologist will perform the exam. If you have any questions, please don't hesitate to ask the technologist to answer them before the test begins. He or she can explain the entire procedure.

The technologist will start an IV and a small amount of radiopharmaceutical will be injected.

Images will be taken 24 hours from the time of the injection.

The imaging will take approximately 120 minutes. You will be asked to lie on your back while cameras move over and around you that take the images. You may bring headphones, and ipod, etc. to listen to if you would like.

Who interprets the results and how do I get them?

A radiologist will review the images shortly after the exam is completed. A written report will be sent to your doctor. Your doctor will discuss the results with you. Please allow your physician the time needed to review these results.

Outpatient Instructions

Please register at the Outpatient Registration desk at the West Entrance. If your doctor has given you the written order for this exam, please bring it with you so your test will not be delayed. After registering, testing will be done in the Imaging Services department on the second floor. Please use the elevators past registration on the left.

Name _____

Exam date/time _____