

St. Luke's Imaging Services Patient/Family Information

Nuclear Medicine

Octreoscan

(Somatostatin Receptor Scintigraphy)

What is an Octreoscan?

A Nuclear Medicine Octreoscan 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.

Preparation

Please bring your medication list with you to your exam.

First Day:

The first day, please drink clear liquids only in the morning prior to your exam (unless you are diabetic). A clear liquid diet will continue until the next day's images that are done 24 hours later. That evening at 4:00-6:00pm, take one adult dose of Milk of Magnesia.

Second Day:

After the images have been completed, you may resume your normal diet. If a second set of images are to be done, this will take place 24 hours later. The technologist will inform you if this will be necessary.

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. You may leave the area for 30 minutes after your injection. Your technologist will give you a time to return.

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

The imaging will take approximately 2-3 hours. 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 _____