



## **Pullman Regional Hospital Nuclear Medicine Department**

### **What is an MIBG Scan?**

An MIBG Scan looks for the spread of particular types of cancers called neuroblastoma, paraganglioma, or pheochromocytoma. This scan helps the doctors determine the best course of treatment for the patient.

### **Before your scan**

There are many drugs that can interfere with this scan. It is important that you **stop** taking the following medications before the start of this exam:

- Antihypertensive: Labetalol, reserpine, diltiazem, nifedipine, verpamil
- Tetracyclic Antidepressants: Amitriptyline, imipramine, doxepin, amoxapine, loxapine
- Sympathomimetics: Phenylephrine, phenylpropanolamine, pseudoephedrine, ephedrine

Prior to the scan, your doctor will give you a solution of potassium iodide (SSKI) or Lugol's solution to block free iodine uptake in the thyroid. You will need to take a dose of this solution 12 hours before coming. Your physician will also instruct you to take Bisacodyl (Docolax) 3 days prior to imaging to reduce bowel activity.

### **During your scan**

Once you are registered and checked in at the Outpatient Services desk, a technologist will come out to greet you and bring you into the nuclear medicine department. The technologist will explain your test and answer any questions you might have.

The technologist will then give you an injection of an imaging tracer and you will be asked to return 24 hours after the injection for your scan.

Upon arrival the next day, you will receive a full body scan, which takes about 30 minutes to complete. A SPECT CT scan may be performed following the whole body scan depending on your images. This can take an additional 30-40 minutes to complete.

Imaging may also be performed at 48 hours post tracer administration.

### **After the scan**

You will be given instructions on how many more doses of the SSKI solution you will need to take and for how long.

You can resume your regular activities with no restrictions. The technologist will not be able to give you any results; however, the results should be available to the doctor who ordered your scan within one to two business days.

**Thank you**

We are honored that you have chosen Pullman Regional Hospital to serve your healthcare needs.