Your child is scheduled for an I-123 MIBG Whole Body Scan on: ______________________ at _________.

Please report to TC100 in Mitchell Hospital 20 minutes before your appointment time to register for the test.

ABOUT THE TEST
A MIBG Whole Body Scan is a test performed to image neuro-endocrine tumors using radioactive iodine (I-123 MIBG or Metaiodobenzylguanidine). The test includes an injection of a radioactive tracer. The amount of radiation used in this test is small, and well within limits that are safe. Your doctor will give you a prescription for an iodine solution (SSKI or Lugol’s Solution) to stop your child’s thyroid gland from absorbing the radioactive iodine. This is a two day test. You will be at the medical center for about 1-2 hours the first day and about 2 hours the second day.

NOTE: Patients who are pregnant or may be pregnant should consult their physician before having this test.

PREPARATION FOR THE TEST
It is necessary to stop certain medications before receiving the I-123MIBG. Please ask your child’s physician which medications need to be discontinued and for how long.

You will need to prepare an iodine solution for your child for four days. The dosing chart below indicates the amount of iodine and how often to give it each day, based on your child’s age.

Pediatric Dose:

<table>
<thead>
<tr>
<th>Age</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;1 month old</td>
<td>1 drop daily</td>
</tr>
<tr>
<td>1 month to 3 years old</td>
<td>1 drop twice a day</td>
</tr>
<tr>
<td>3 years old to 18 years old</td>
<td>1 drop three times a day</td>
</tr>
</tbody>
</table>

The day before your child’s first appointment: Give your child the iodine solution mixed in water or juice.

Day 1: Give your child the iodine solution mixed in water or juice.
Your child may eat or drink before the test.

Day 2: Give your child the iodine solution mixed in water or juice.
Your child may eat or drink before the test.

Day 3: Give your child the iodine solution mixed in water or juice.

If your child is less than 5 years old, your child may need to be sedated for the test. The use of sedation will be decided by your child’s doctor. We will coordinate the schedule with our highly skilled pediatric sedation team. The sedation team will advise you of any restrictions for the sedation.

HOW IS THE EXAM PERFORMED?
Day 1:
When you arrive in the Nuclear Medicine Department, a technologist will confirm your child’s identity and ask you questions about their medical history. He/she will then explain the procedure to you. The technologist will inject a small amount of radioactive material through an intravenous (IV) line into a vein in your child’s hand or arm. You will be given a time to return the following day for the imaging portion of the test.

Day 2:
Your child will be positioned under a special camera that will take images from their head to their toes. The camera needs to be as close as possible, but will not touch your child. It is important that he/she remain very
still during the test. A nuclear medicine doctor may order additional images including close-ups and delayed images. If additional images are needed, do not be alarmed. They are a routine part of the test.

AFTER THE TEST
Your child may resume his/her normal activities and diet after the test. Continue giving your child the iodine solution until you have done so for four days. A Nuclear Medicine physician will interpret the exam and the results will be sent to the ordering physician. If you have any questions about the procedure or cannot keep the appointment, please call the Nuclear Medicine scheduling staff at 773-795-9723.