

## MIBG Scan

### Patient Instructions

Your doctor would like you to have an MIBG scan. MIBG is short for I-123-Metaiodobenzylguanidine. This is a test commonly used to detect or evaluate certain tumor types, specifically neuroendocrine tumors such as pheochromocytoma and neuroblastoma.

Please report to the nuclear imaging department at Wesley Medical Center on the day of your exam.

If you **cannot attend** your scheduled appointment or have any questions, please call the nuclear imaging department at **(316) 962-2840**.

#### BEFORE THE EXAM

1. No diet or activity restrictions are needed. You may be given an iodine solution such as Lugol's solution or a supersaturated solution of potassium iodide (SSKI) to drink before the injection of MIBG. The purpose of this is to protect your thyroid gland from radioactivity.
2. If you take the following medications, please discontinue as described below. Please check with your physician before discontinuing any medications.
  - a. Labetolol or Modafinil for 3 days
  - b. Calcium channel blockers such as Amlodipine, Diltiazem, and Verapamil for 24-48 hours
  - c. Vasoconstrictors such as Ephedrine and Phenylephrine for 24-48 hours
  - d. Antipsychotics and anti-depressants, please check with your physician for instructions
3. Remove jewelry and other metal objects immediately before the exam. Wear comfortable clothing.

#### PROCEDURE

A radiotracer liquid will be injected into your arm intravenously. Two days later, your entire body will be imaged to determine the distribution of the radiotracer. This will take approximately one hour. The physician may ask for you to return for additional images on the third day.

#### AFTER THE EXAM

A radiologist will review the images from your exam and a report with the results will be available to your physician. Your physician will then discuss with you the results of the study and any treatment you may require.

#### FEMALE PATIENTS

Please inform us if there is any possibility you may be pregnant or if you are currently nursing/breastfeeding.