

**Appointment  
Date:**

**Time:**

**Patient Preparation:**

- Check all medications at time of booking
- Lugols Solution 1 hour prior to injection of radiotracer

**Time For Examination:**

Day 1 (am): 15 minutes  
Day 1 (pm): 30-60 minutes  
Day 2 : 60 minutes

**Please Bring:**

Any related previous imaging including Nuclear Medicine Studies, X-Rays, Ultrasounds, CT and MRI scans.

**Locations:**

Gold Coast Radiology,  
Suite 1 & 2 Harbour Point  
10 Santa Barbara Road,  
Hope Island, QLD 4212  
Phone: 07 55142555  
Fax: 07 55142511  
[www.gcradiology.com.au](http://www.gcradiology.com.au)

**Undercover parking is  
available.**

## NUCLEAR MEDICINE

# <sup>123</sup> IODINE MIBG SCAN

Your doctor has asked that you have a Nuclear Medicine MIBG Scan. It may be necessary to withhold some medications that you are on for a short period before the test. It is therefore important that you check all medications at the time of your booking.

To begin the study you will be given a drink of a medication (Lugols Solution) in water. This is to block the uptake of radiotracer into your thyroid and subsequently reduces the radiation dose to your thyroid. The solution is given 1 hour prior to the injection of the radiotracer.

You will be given a small injection of a radioactive tracer into a vein in your arm, much like a blood test. The injection can sometimes elevate your blood pressure, so your blood pressure will be monitored before and after the injection. This procedure will take approximately 15 minutes.

After the injection, and after your blood pressure has been checked, you will be given a time to return to the department for imaging. This is usually 4 – 6 hours after the initial injection. You will also be given a time to return on the next day for delayed imaging.

The 4 – 6 hour pictures will take approximately 30 – 60 minutes to acquire, and on the second day these picture are repeated. Additional 3-D images may also be acquired on the second day. Allow 60 minutes for this procedure.

This study is not suitable for pregnant women. Breast-feeding mothers can have a Nuclear Medicine MIBG Scan but will be required to express and discard their breast milk for 12 hours after injection.

**For more information please contact:**