

Medical Imaging patient information

Nuclear Medicine

MIBG Scan

What is a MIBG scan?

Some conditions concentrate the radioactive tracer called MIBG. This tracer is detected using a nuclear medicine camera. The results of the scan will enable your doctor to decide what treatment you require.

What preparation is required and what is involved?

If you take any regular medications you should tell the nuclear medicine staff when you book your appointment. There are several types of drugs that can affect the outcome of the test and should be stopped before the test. Please **bring a list of your medications** when you come for the test.

You will be required to take some Lugol's Solution, which acts to block your thyroid gland from taking up the tracer.

Please download and print the linked [Patient Calendar for MIBG Preparation](#)

Directions for taking Lugol's Solution

- You will receive 2x 0.8ml preparations to self-administer
- You are to drink 0.8 ml of Lugol's solution mixed in half a glass of water each morning for 48 hours leading up to your injection

Are there any side effects?

You will not feel any different following the injection. High blood pressure is a rare side effect of MIBG; this is why your blood pressure will be measured. You will be able to continue with your usual daily activities after the injection. The amount of radioactivity is very small.

How do I get my results?

Digital images are immediately available to your doctor and your records will be kept permanently. This occurs through a system called PACS. **If a priority report is requested it will be issued within two hours and faxed or emailed to your doctor, however this can sometimes take up to 24 hours.** If your referring doctor wants to see you on the day of your examination, please advise the reception staff when you arrive for your appointment, so the appropriate information can be made available for you to take to your doctor.

Please note:

If you are or think you may be pregnant or if you are breast-feeding, please tell the Nuclear Medicine staff when you make your booking for the test. It is important to bring with you your referral, previous X-rays or Nuclear Medicine tests (only if previous ones were **not** done at Cabrini or MIA).

For an appointment or if you have any questions about the test please call **9508 1429**.
