
FAQs

How long will the Myoview (Cardiolite) remain in my system?

Your body will eliminate the Myoview/Cardiolite after one or two days. After your test is complete, there are no additional precautions required. Self-isolation is not necessary.

Why do I have to have an IV?

It is easier to inject the Myoview/Cardiolite while you are walking on the treadmill if it is done through an intravenous (IV). This process eliminates the need for more than one needle puncture.

Is Myoview/Cardiolite a dye?

No, Myoview/Cardiolite is a radioactive tracer. Unlike a dye or contrast, there are no side effects, and kidney function is not affected.

Why do I have to sign a consent form?

There are slight risks to this test, and the consent form allows you to be treated should any problems occur during the test.

Can I drive home after procedure?

Yes, you can drive home and do not need to be accompanied by anyone for the procedure unless for translation purposes.

Location

Diagnostic services are located on the second floor of Building B at Markham Stouffville Hospital.

Your appointment is scheduled for:

Date: _____

Time: _____

Please **bring your OHIP health card** with you and arrive 30 minutes before your appointment time.

If you are feeling unwell, have a high temperature, cough, or sore throat on or before the day of your appointment, please call the Scheduling Office at 905-472-7020 to reschedule your appointment.



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Nuclear Medicine



Myoview (Cardiolite)
exercise/Persantine stress test

Patient Information

What is a myocardial perfusion imaging (MPI) or Myoview/Cardiolite stress test?

An MPI or Myoview (Cardiolite)/Persantine stress test is a diagnostic exam used to determine if your heart muscle is getting the blood supply it needs.

The Myoview/Cardiolite stress test involves walking on a treadmill, while the Persantine stress test involves the administration of a drug to simulate stress.

Your doctor would order this test:

- Because of suspected coronary heart disease
- Following a positive cardiac (non-nuclear) stress test, with or without symptoms
- To rule out a myocardial infarction (heart attack)
- To evaluate collateral circulation
- As a follow-up to previous cardiac surgery
- Pre-surgical (pre-op) evaluation

How to prepare for your test

Caffeine, alcohol, and smoking – please avoid 24 hours prior

Caffeine products include: coffee and tea (decaffeinated and caffeinated), chocolate, cocoa, soda, pop, and any medication or supplements.

Heart and blood pressure medications

Check with your physician/pharmacist whether you can stop the medication before the test. i.e. beta blockers, metoprolol, atenolol, etc.

Theophylline/Theodur

If you are scheduled for a Persantine stress test, please stop taking any Theophylline/Theodur-based medications at your physician or pharmacist's request.

Food and drink

Do not eat for **three to four hours** prior to the test; water and juice are permitted. If you are **diabetic**, you may have a light snack (toast and juice) two hours prior to your test if needed.

Clothing

Wear loose-fitting, comfortable, and short-sleeve exercise clothing (T-shirt and shorts or jogging pants) and rubber-soled shoes (running shoes). Do not wear a dress or skirt. Women should wear a bra for exercise. Please do not wear jewelry or perfume for your test.

Exercise

Do not engage in strenuous exercise (brisk walking or jogging) on the day of your test.

What to expect during your test

This test will take approximately three to five hours.

A nuclear medicine technologist will insert an intravenous catheter (IV) into your arm and give you an injection of Myoview/Cardiolite (an imaging agent used to check cardiac viability) before scanning you with a camera for 10 minutes. We will then go to the cardio respiratory stress lab for the stress portion of your test.

A cardiac technologist will prepare you for your stress test. A physician will inject a second dose of Myoview/ Cardiolite while you are on a treadmill.

For those completing a Persantine stress test, you will have the injection at rest on a stretcher. Once the exercise/Persantine stress portion of the test is complete, you will return to the Nuclear Medicine department for an additional scan.

What to expect after your test

Persantine may cause headache or nausea and Myoview/Cardiolite could result in a metallic taste in your mouth.

Your test will be reviewed by a radiologist (or other specialist like a cardiologist) and a report will be sent to your doctor's office. Results (usually one to three business days or accessible through online tools such as PocketHealth, Patient Connect, etc.