

Greetings from the Weill Cornell Nuclear Cardiology Laboratory

What to expect when you are here today

Step 1

Wait Area Please register at the desk and then wait in the Wait Area

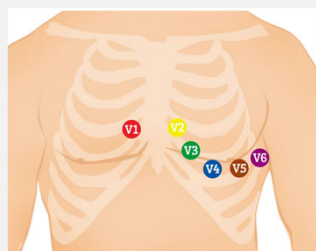


Step 2

Change Area You will be called and asked to change into a gown

Step 3

Lab Area You will be taken to have an **IV inserted** and **12 electrode leads** placed on your chest



00:30
HRS MINS

Or

Step 4a: Exercise Stress Area

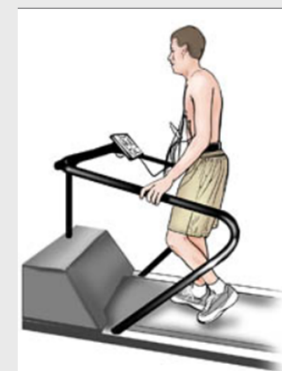
Exercise

Begin walking on the treadmill; vitals will be recorded every 3 minutes as intensity increases. Continue until near maximum heart rate

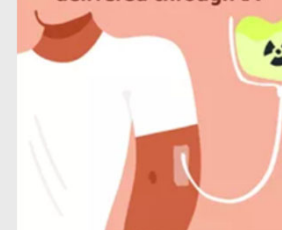
00:30
HRS MINS

Tracer Injection

When you are near maximum heart rate, the RN will inject you with a tracer through an IV



Radioactive tracer delivered through IV



Either...

Step 4b: Pharmacologic Stress Area

Pharmacologic

If you are unable to exercise or your doctor prefers, you will be stressed with a pharmacological agent, known as Lexiscan, which simulates stress. You will be administered Lexiscan via IV

Tracer Injection

After the Lexiscan, the RN will inject you with a tracer through the same IV

Wait Area

After the tracer injection, recover in the wait area for 60 minutes (Lexiscan only)

00:60
HRS MINS

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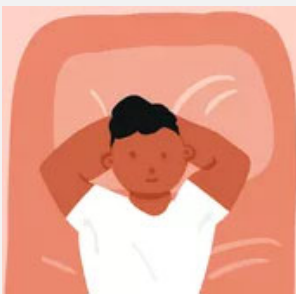
Step 5

Camera Area

After the stress test, images of your heart will be acquired by our special camera

(If you had an exercise stress test, images will be taken immediately. If you had Lexiscan, you will wait an hour first)

Go to camera area and lie under the gamma camera. Two sets of images of blood flow to the heart will be taken, prone and supine



00:20
HRS MINS

Or

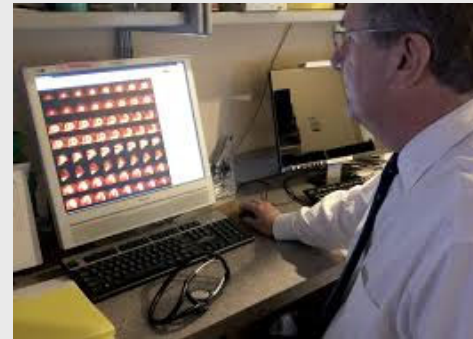
Or

Step 6a: Images have enough information

Image Review by Nuclear Cardiologist

If the stress images have enough information, you will be able to leave

00:15
HRS MINS



Either...

Step 6b: Need another set of images

Image Review by Nuclear Cardiologist

If the nuclear cardiologist determines that you need a second set of pictures:

00:15
HRS MINS

Second Injection of Tracer

You will be given a second injection of tracer, then wait 45-60 minutes

00:60
HRS MINS

Second Camera

Take a second set of pictures

00:20
HRS MINS

Goodbye

Once your pictures are completed you are free to leave the office. We will process the pictures and the nuclear cardiologist will interpret the EKGs and the pictures. A report will be generated and sent to your doctor. Within 24 hours you can contact your doctor for results

24:00
HRS MINS