



# PREPARING FOR YOUR LEXISCAN MYOCARDIAL PERFUSION IMAGING TEST

A Lexiscan Myocardial Perfusion Imaging test uses a radioactive imaging agent (not a dye) to produce pictures of the heart muscle. The imaging agent gives off a small amount of radiation, which can be seen with a special camera. The amount of radiation exposure during this test is very small and poses no health risk. The test will help your doctor determine if there are areas of your heart which do not receive enough blood supply due to coronary artery disease. Areas of your heart which may have been damaged from a previous heart attack may also be seen. Prior to the test, an IV will be started. During the rest portion of the test, you will receive an injection of the radioactive imaging agent, and pictures will be taken of your heart. For the stress portion of the test, a medication (Lexiscan) will be given through the IV to simulate exercise by dilating the blood vessels of the heart. During the infusion, you will be continuously monitored for blood pressure, heart rate, rhythm and ECG changes. You will be given an injection of the radioactive imaging agent during the infusion. Following the Lexiscan infusion, pictures will be taken to determine blood flow to the heart muscle.

## **Patient Instructions:**

1. **No caffeine for 24 hours prior to the test** (this raises your heart rate and blood pressure), including decaffeinated beverages, chocolate, and caffeine containing medications such as Anacin and Excedrin.
2. Please do not put on lotion or oils.
3. Do not eat or drink anything other than water for 8 hours prior to the test.
4. Diabetics must hold diabetic medication the morning of the test. Bring it with you to take half way through.
5. If you have lung problems such as asthma, emphysema, or COPD, please let the nurse or technologist know prior to the test.
6. Please continue all other medications unless otherwise instructed by your physician.
7. Wear comfortable clothing (2 piece) and shoes. No metal snaps on shirts.
8. Your physician will be notified of the results.

**If you need to reschedule the test or have any questions regarding these instructions, please call our office**

## Where:

HeartPlace  
399 West Campbell Road, Plaza 2, Suite 300  
Richardson, TX 75080  
972-699-3508