

## MYOCARDIAL PERFUSION IMAGING (MIBI)

### PATIENT PREPARATION:

The patient:

- must have nothing to eat or drink that contains caffeine for 24 hours prior to the test. This includes coffee, tea, colas, chocolate, and decaffeinated products.
- must have nothing to eat for at least four hours before this test. Diabetic patients may have a light meal.
- must **not** have Theophylline medications (48 hours)
- may drink water at any time before this test.
- may be asked to decrease or stop certain medications for this test. They should resume their regular medications after the test is complete.

A complete listing of all patient medications, as well as patient weight, should be sent with the requisition. A patient's history of documented asthma must be noted on the requisition.

### PROCEDURE

**(STRESS)** The patient lies on a stretcher and, under supervision of a cardiologist, the heart is stressed pharmacologically using a Dipyridamole infusion. The radioactive tracer is injected at 7 minutes. Images of the heart muscle are obtained 30-120 minutes following the injection.

**(REST)** The patient is injected with the tracer and imaging begins 30-120 minutes after injection.

For both sets of images, the patient lies on their back on an imaging table with their arms above their head as an imaging camera rotates around them taking pictures of their heart.