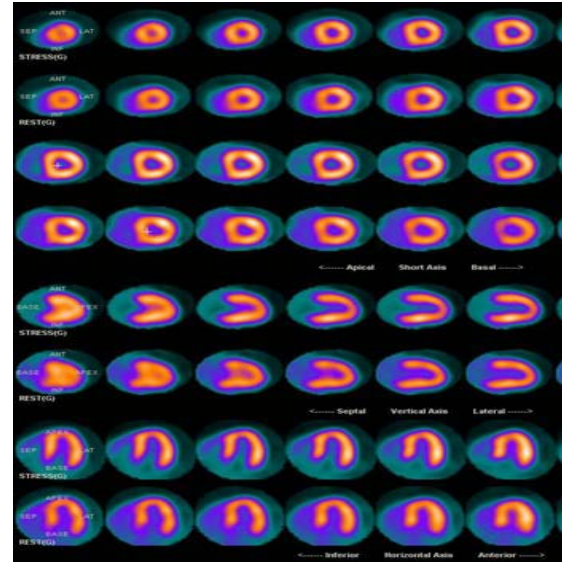


Guide For Nuclear Medicine Myocardial Perfusion Rest/Stress Scans

Overview

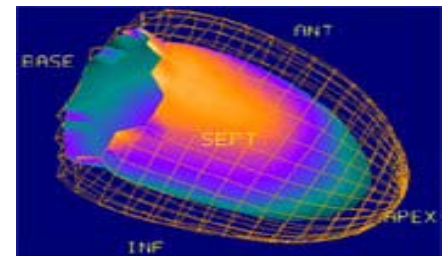
- A Myocardial Perfusion Rest/Stress scan is a non invasive procedure in relation to cardiac catheterization.
- The exam is valuable in determining coronary arterial disease and ischemia versus cardiac infarction.
- The stress portion may be done either via exercise or pharmacologically induced stress using LEXISCAN or Dobutamine.
- LEXISCAN is well tolerated and has a very short half life. The entire stress process when using LEXISCAN takes 5 minutes.
- Dobutamine Stress is indicated for patients with severe COPD / emphysema or asthma or are visibly wheezing at the time of the exam. The stress process when using Dobutamine takes approx 30 minutes.
- The entire process: Rest Images, Stress, Stress Images takes approximately 2.5- 3 hours from start to completion.



Basic Information

The complete examination includes:

- Comparative Rest/Stress (L) ventricular SPECT images
- Left ventricular wall motion evaluation
- Ejection fraction efficiency calculation %
- A detailed report from a board certified radiologist
- UMC Nuclear Medicine is fully accredited by the American College of Radiologists for Nuclear Cardiology and Nuclear Cardiology Spect.



Patient Preparation

- NPO 4 hrs before examination
- NO CAFFEINE 12 hrs before exam including:
 1. Decaffeinated coffee or tea or soda
 2. Chocolate or chocolate beverages
 3. Hold all Beta blockers the morning of the exam **if stressed by Exercise or Dobutamine.**
 4. Have the patient bring their cardiac meds with them to take following the stress portion.
 5. Wear loose fitting clothing and no heels for exercise stress.

**To Schedule a Nuclear Medicine exam,
contact the UMC Imaging Services at
(702) 383-2241 option #2
FAX orders to (702) 383-2627
Appointments available 7 days/ week**

Myocardial Perfusion (CPT) Codes

- 78452 (Rest/Stress Imaging)
- A9500 (Sestamibi-Radiopharmaceutical) X's 2

