

KAISER PERMANENTE MEDICAL CENTER
DEPARTMENT OF NUCLEAR MEDICINE
OAKLAND, CALIFORNIA

IV DIPYRIDAMOLE (PERSANTINE TEST WITH SESTAMIBI)

1. You **must not** drink **any** caffeinated beverages (coffee - decaffeinated or regular, tea or cola) or ingest chocolate for at least 24 hours prior to the test. Eat a light meal only.
2. **Do not take any medications containing Aminophylline or Theophylline (such as SLO-bid and Theodur) for a least three days prior to the study** (some asthma medicines contain these compounds). Otherwise, take your medications as usual on the day of your test unless your physician specifically orders you not to do so.
3. Please wear comfortable clothing. Please do not wear jewelry. **Ladies: Please wear slacks and a top.**
4. Please come to the Nuclear Medicine Department approximately 15 minutes prior to your appointment to allow time for registration. We are located on the second floor of the main hospital building (directly above the cafeteria). There are stairs and an elevator near the cafeteria for your convenience.
5. You will be administered two isotopes during the course of the study through an IV. Sestamibi and Thallium-201 are radioactive isotopes in liquid forms that are used routinely in medical practice to take pictures of your heart. They will not affect how you feel.
6. When you come to the Nuclear Medicine Department, you will be injected with thallium and pictures will be taken 15-20 minutes later under a Gamma camera. You will then be connected to an ECG monitor. Persantine will be infused into your arm through your IV for a period of four minutes. Persantine is a medicine that causes vasodilation. This will be followed by the Sestamibi. A few minutes later, you will be given an Aminophylline injection that will reverse the effects of the Persantine. During this period, your heart and blood pressure will continue to be monitored. After the Aminophylline has been given, a second set of pictures will be taken under the Gamma camera usually within 90 minutes. The entire procedure takes approximately 2.5 – 3.0 hours.
7. If you are unable to keep your appointment or if the date is inconvenient for you, please call the Nuclear Medicine Department at (510) 752-6210 so we may change your appointment & cancel the isotopes ordered especially for you. The isotopes are very expensive and good only that same day.
8. If you need information regarding parking or directions in locating the hospital please call us at (510) 752-6210.