Chest Pain Observation Unit
Optimal Cardiac Stress Testing Selection Algorithm

Can the patient exercise and walk without assistance at a normal pace?

YES

Does the patient have any of the following?
- LBBB
- Ventricular Pacing
- LVH
- Ventricular pre-excitation
- 1mm ST/T abnormalities
- On Digoxin therapy

YES

Does the patient have any of the following?
- LBBB
- Ventricular Pacing

YES

Schedule Adenosine Nuclear Stress Test**

NO

NO

Schedule Adenosine Nuclear Stress or Dobutamine Echo Test**

**Contraindications**

Vasodilators (Adenosine): Bronchospastic airway disease, hypotension, sick sinus syndrome, high degree AV block, oral dipyridamole therapy.

Dobutamine: Ventricular arrhythmias, recent AMI (1-3 days), unstable angina, hemodynamically significant LV outflow tract obstruction, aortic dissection, severe systemic hypertension