

## **Heart Station: Non-invasive Diagnostic Cardiology**

### ***Educational Purpose and Rationale***

The thoracic surgery resident will become familiar with the performance and interpretation of echocardiographic procedures, treadmill tests, Holter monitoring, 12-lead ECG's, and to have a basic understanding of imaging modalities as they apply to the field of cardiothoracic surgery.

At the conclusion of the rotation the resident will be able to:

1. Interpret echocardiographic anatomy for both transthoracic and transesophageal studies
2. Describe the fundamental protocols for commonly used exercise and pharmacologic stress tests and understand appropriate test selection
3. Interpret EKG's
4. Describe myocardial viability assessment using nuclear or MR imaging