

Adult Cardiac Interventions and Tests

Course Description: This module includes a brief review of electrocardiograms, treadmill stress testing, and echocardiograms. CPK and troponin are compared, with a description of how elevated cardiac enzyme measurements indicate heart damage. The use of CT scans, MRIs, and stress myoviews in diagnosing the extent of cardiac damage is also reviewed. Finally, this module covers an explanation of cardiac catheterization and CABG. The purpose of this module is to facilitate knowledge and confidence in the care of the cardiac patient.

Course Objectives:

- Compare and differentiate electrocardiograms, treadmill stress testing, and echocardiograms
- Describe how elevated cardiac enzyme measurements indicate heart damage
- Compare and differentiate CPK and troponin
- Describe how CBC, CRP, and homocysteine blood levels may be helpful in diagnosing cardiac damage
- Briefly discuss the use of CT scans, MRIs, and stress myoviews in diagnosing the extent of cardiac damage
- Explain how cardiac catheterization works
- Briefly discuss CABG