

## **Cardiac Surgery: PGY-3**

### **OBJECTIVES:**

Demonstrate an understanding of the anatomy, physiology, and pathophysiology of common conditions of the heart and great vessels that are amenable to surgical intervention.

Demonstrate the ability to formulate and implement a diagnostic and treatment plan for diseases of the heart and great vessels that are amenable to surgical intervention.

Develop the basic skills of surgical technique associated with median sternotomy, vein harvest, and operating room etiquette.

### **PATIENT CARE:**

1. Perform preoperative evaluation of potential cardiac surgery patients, and document history and physical examination.
2. Obtain and interpret indicated diagnostic studies.
3. Perform the following procedures under faculty supervision:
  - Harvest saphenous vein with direct and limited incision techniques.
  - Closure of saphenectomy sites during coronary operations
  - Median sternotomy and closure.
  - First and second assist at valve and coronary operations
4. Provide routine postoperative cardiac surgery follow-up care for the following cases:
  - Coronary surgery
  - Valve surgery
  - Thoracic aortic surgery