

## **Coronary Care and Cardiovascular ICU: PGY-1**

### **OBJECTIVES:**

Demonstrate an understanding of the anatomy, physiology, pathophysiology, and presentation of diseases of the heart.

Demonstrate the ability to formulate and implement a diagnostic and treatment plan for initial treatment of ST-elevation acute myocardial infarction, medically-refractory ischemia, and patients with hemodynamic instability.

Develop the basic skills of therapeutic supports for managing refractory congestive heart failure, malignant arrhythmias, cardiogenic shock and the mechanical complications of myocardial infarction.

### **PATIENT CARE:**

1. The vascular resident will join the attending and medical housestaff on daily rounds. This experience will include case discussions, bedside teaching of physical examination, review of active pharmacotherapy and synthesis of the relevant laboratory, noninvasive and invasive medical data.
2. The vascular resident will participate in medical order writing and all procedures performed in the unit with appropriate attending guidance according to their skill levels. The procedures include insertion of central hemodynamic catheters, temporary pacemakers, arterial lines, central venous access, dialysis catheter access, electrical cardioversion, and emergency pericardiocentesis.
3. The vascular resident is expected to provide timely updates on care plans and medical decision making for patients and their families in compliance with HIPAA regulations.
4. The vascular resident will learn the logistics of the unit environment, clinical documentation expectations, equipment, and staff and unit function.
5. The vascular resident will demonstrate understanding of the management strategy for ACS patients, including a full understanding of the role of pharmacotherapies as well as conservative versus invasive treatment paradigms.