

## **Off-Service Cardiology Rotation Objectives**

### **Medical Expert:**

- Performs an appropriately complete and accurate cardiovascular history and physical examination
- Reaches an appropriate differential diagnosis and develops an appropriate management plan
- Makes appropriate use of lab investigations and incorporates results into management
- Knows and applies appropriately the principles of cardiovascular pharmacology and therapeutics
- Knows the pathophysiology and clinical presentations of common cardiac conditions (e.g. acute coronary syndromes including MI, congestive heart failure, arrhythmias/conduction disturbances, valvular heart disease) and manages them appropriately
- Applies knowledge and skills appropriately to the care and assessment of patients with cardiac conditions undergoing cardiac and non-cardiac surgery
- Demonstrates competence in basic ECG interpretation
- Understands the principles underlying and the clinical application and interpretation of stress testing, ambulatory electrocardiography, echocardiography, cardiac catheterization and angiography and nuclear cardiac perfusion imaging
- Understands the principles and applications of cardiac pacing
- Demonstrates satisfactory technical skills (arterial and central venous cannulation, Swan-Ganz catheter insertion, temporary pacemaker insertion, cardioversion and defibrillation)

### **Communicator:**

- Establishes a therapeutic relationship with patients and their families, listens and explains
- Provides lucid, accurate organized case presentations to cardiology consultants and colleagues
- Prepares accurate, organized legible medical records (including dictated consultation letters/reports)
- Asks sensible questions when appropriate

### **Collaborator:**

- Develops and maintains effective and collegial working relationships with colleagues and health care professionals
- Contributes to team effectiveness through collaborative behaviour
- Consults with other physicians and health care professionals as appropriate to assist in proper patient management

**Manager:**

- Uses available hospital resources (supplies, equipment, lab investigations etc.) efficiently and effectively with due regard for principles of cost-effectiveness
- Demonstrates effective personal time management skills and sets appropriate priorities
- Makes effective use of information technology including PowerChart and PACs

**Health Advocate:**

- Identifies individual patient determinants of cardiovascular health and ill health
- Knows and modifies as appropriate risk factors for cardiovascular and coronary disease
- Knows NYHA and CCS functional classification schemes for patients with cardiac disease

**Scholar:**

- Develops and maintains an effective ongoing learning strategy, taking appropriate initiative in self-directed learning
- Demonstrates appropriate critical appraisal skills in analyzing the cardiovascular literature
- Knows and applies the principles of evidence-based cardiovascular medicine

**Professional:**

- Demonstrates integrity, honesty, compassion and respect for others
- Applies ethical principles in recommending treatments and obtaining informed consent for diagnostic and therapeutic procedures
- Knows personal limitations, shows insight and accepts appropriate advice and criticism
- Observes appropriate personal and professional boundaries