

# CanMEDS Rotation Objectives – CCU (BCT)

## RCPS Emergency Medicine Residency Program

### Department of Emergency Medicine

### University of Alberta

---

*\*While all objectives may not be accomplished in a single rotation, the aim is for the resident to actively seek learning opportunities to fulfill these objectives while on a particular rotation. Many of these objectives will overlap with other rotations. By the end of the residency program, all objectives should be covered.*

## Medical Expert

The learner should:

- Develop clinical assessment skills in the cardiac patient
- Develop appropriate differential diagnosis for sentinel cardiac presentations
- Develop knowledge of acute ischemic and non-ischemic cardiac disease
- Develop knowledge of the management of common cardiac conditions including:
  - Acute coronary syndromes
  - Hypertension
  - Pericarditis
  - Congestive heart failure
- Develop knowledge and management of pacemakers and common pacemaker problems
- Develop ECG interpretation skills
- Develop knowledge of pharmacology of cardiovascular agents and the appropriate use of these agents
- Function as the code team leader

The learner should develop knowledge of, and where applicable, experience in:

- Insertion and management of transvenous pacemakers

The learner should develop the following technical skills:

- Central venous access
- Invasive hemodynamic monitoring
- Transcutaneous cardiac pacing
- Electrical cardioversion

## Communicator

The learner should develop communication skills to:

- Communicate effectively with patients and families
- Demonstrate compassion and empathy for the critically ill and their families
- Document effectively and efficiently on the medical record

## Collaborator

The learner should strive to:

- Recognize the roles of other members of the CCU team
- Act as a resource to other services requesting CCU consultation

## Leader

The learner should strive to:

- Efficiently manage the cardiac arrest team
- Gain an understanding of the ethical use of critical care resources
- Develop team leadership skills

## **Health Advocate**

The learner should strive to:

- Advocate appropriately on behalf of patients
- Respect and understand patient wishes for resuscitation and life support measures
- Understand the determinants of health and their impact on patients

## **Scholar**

The learner should develop:

- Critical appraisal skills of cardiology literature
- An ability to integrate current cardiology literature into daily practice

## **Professional**

The learner should:

- Demonstrate integrity and honesty
- Demonstrate compassion and respect in all patient encounters
- Learn and apply ethical principles appropriately
- Be aware of personal limitations and seek assistance when appropriate