

# CanMEDS Rotation Objectives – CCU (Senior) RCPS Emergency Medicine Residency Program Department of Emergency Medicine University of Alberta

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*\*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 ECG interpretation skills
- Develop knowledge and management of pacemakers and common pacemaker problems
- Develop knowledge of pharmacology of cardiovascular agents and the appropriate use of these agents
- Manage common cardiac conditions including:
  - Acute coronary syndromes
  - Hypertension
  - Pericarditis
  - Congestive heart failure

The learner should gain 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
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- 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 consultant to other services requesting CCU assistance

## 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
- Manage a CCU team, delegate work, and provide feedback to junior learners

## **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
- Skills in managing multiple junior learners and providing for their learning needs

## **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