CanMEDS Rotation Objectives – CCU (Senior)
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 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
- 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