

CanMEDS Rotation Objectives – STARS RCPSC 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:

- Understand the literature supporting helicopter transport
- Understand the principles of initial management and stabilization of the acutely ill and injured
- Understand the principles guiding triage and utilization of various transport modalities
- Familiarize themselves with various organizations providing leadership in prehospital emergency medical services
- Gain knowledge of conditions unique to prehospital care, including:
 - Scene management and triage
 - Patient packaging
 - Pros and cons of various Transport options
 - Effect of altitude and additional transport stresses on patient physiology, monitoring and care

The learner should gain knowledge of, and where applicable, experience in the following technical skills:

- Airway management
- Central line access
- Placement of arterial lines for invasive blood pressure monitoring
- Transvenous pacemaker insertion
- Chest tube insertion

Communicator

The learner should:

- Effectively and respectfully communicate with patients and families
- Effectively and respectfully communicate with fellow STARS and EMS physicians, nurses, paramedics and emergency dispatch personnel
- Effectively and respectfully communicate with referring physicians, nurses, paramedics, and allied health professionals.

Collaborator

The learner should strive to:

- Develop effective leadership and teamwork skills
- Effectively interact with other members of the STARS team
- Effectively interact with in-hospital healthcare personnel, and demonstrate an appreciation for the challenges in community hospitals
- Appreciate the level of training and skills of rural physicians and prehospital personnel
- Observe telephone advice given by STARS physicians, and, if applicable, give advice under direct supervision

Leader

The learner should strive to:

- Understand the unique role that aeromedical transport plays in the healthcare system
- Arrange for appropriate patient transport to tertiary care facilities

Health Advocate

The learner should strive to:

- Be an effective patient advocate
- Understand and respect patient wishes for resuscitation and life support measures
- Demonstrate an awareness of crew safety

Scholar

The learner should:

- Develop proficiency in critical appraisal of prehospital care literature
- Demonstrate and appreciation for the importance of continuing education in prehospital care

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