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**Simulation Based Education – ROTATION SPECIFIC OBJECTIVES**

**Pediatric Emergency Medicine Subspecialty Residency - University of Calgary**

At the completion of training, the resident will have acquired the following competencies and will function effectively as:

**Scholar:**

The fellow must be able to demonstrate:

* Understanding of the principles of experiential learning and medical simulation and their different applications to medical education
* Understanding of the different types of simulation equipment available
* Understanding of the basic planning, organization and operation of a simulation lab/ center
* Understanding of the aspects and planning of a simulation session and its associated components: orientation and pre-briefing, scenario execution, debriefing
* Understanding of the aspects and development of an objective-based scenario
* Basic use of the simulation equipment and software being used in the ACH KIDSIM™ Human Patient Simulation Program
* How to facilitate a scenario for learners
* How to run an effective debriefing session following a simulation scenario

*The fellow must create an evidence-based scenario complete with relevant roles, props and audiovisual aides. The fellow will pilot running the scenario on a team of KidSim facilitators.*

**Patient Safety**:

* Understand the role of simulation in identifying possible latent safety threats in the care of patients, and the use of simulated-based education in mitigating those threats.

**Collaborator:**

* Work with educators from other disciplines to deliver experiential learning-based simulation scenarios

**Communicator:**

* Use effective listening and observation skills to identify potential debriefing items
* Effectively communicate key elements of knowledge, skills, and behaviors and attitudes (including element of crisis resource management) to simulation participants.

**Professional:**

* Demonstrate a professional and respectful attitude towards learners and other simulation educators

**Leader:**

* Understand elements important to developing and managing a human patient simulation educational program