Using Banff as a Model to Develop Simulation Programs in Rural and Regional Settings
A Descriptive Study
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Introduction

- Comprehensive high fidelity simulation medicine training programs designed for healthcare providers are a valuable resource for developing, acquiring, and maintaining important knowledge and skills.
- Developing such a program, however, can be a daunting task for a rural or regional site without access to the resources of an academic institution.
- Additionally, there is a paucity of literature providing methodology for the most economical and effective way to build such a program.
- With this descriptive study, our team hopes to translate the methodology used to create the successful high fidelity simulation program at Mineral Springs Hospital in Banff, Alberta for the development of similar programs in other rural or regional settings.

Methods

- A comprehensive literature review to identify similar descriptive studies to ours was first performed using key terms such as ‘simulation training’, ‘rural’, ‘regional’, ‘remote’, ‘emergency medicine’, and ‘nurses’.
- On-site visits occurred at Mineral Springs hospital to photograph and catalogue the equipment and set-up.
- Interviews with the healthcare providers involved in the development of the Banff simulation program were held; one physician, one RN, and one EMS provider.
- Interviews were transcribed and used to develop the Road Map by extracting overarching themes present in each interview.

Results

- Our comprehensive literature review resulted in no identifiable literature with similar aims as our descriptive study, thus highlighting the utility for research in this area.
- Parsing of interviews and resource cataloging has resulted in six primary categories of consideration when developing a sim program: human resources, space, materials, curriculum, training, and finances. Please use the QR code below for a broken down list within each category.
- The interview data was used to create the sim Road Map (right) which is a broad methodology that Banff implemented to develop their program, and can be applied to other sites hoping to build and sustain programs of their own.

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