



PROJECT REBUILD

ANNUAL CAMPAIGN 2022-23



Project Rebuild's goal is to fund two new **Simulation Labs** at The Moncton Hospital, and to create an **Endowment Fund** to support the recruitment, retention, and education of medical staff.





HANDS ON LEARNING IS FUNDAMENTAL

in many workplaces, and The Moncton Hospital (TMH) is no different – especially when lives can be saved.

The Friends of The Moncton Hospital Foundation wants to ensure our team can do just that by investing in advanced equipment and innovative technology for two health care simulation spaces. These **Simulation Labs (Sim Labs)** will be designed to allow our health care providers to practise and hone their skills through real life scenarios on lifelike, computerized “smart mannequins”

We can assure you that a **Sim Lab** and its many benefits touches us all – as both patients and providers. It affects every discipline and reaches every inch of our hospital. ***It can even help us recruit and retain health care professionals, including physicians and nurses.***

Let us further explain how your gift can elevate care.

Two modern **Sim Labs** at TMH will allow our health care team to have the appropriate space to practise communication, teamwork, and skills we use to treat sick patients – everything from routine procedures, delivering babies, to life-saving procedures and surgery – **which will ultimately save lives.** By making these situations as lifelike as possible, staff, physicians, and learners from various health care disciplines, experience the pressure and stressors of a real situation, enabling them to better experience what it’s like to manage these life-threatening emergencies as part of a team.

We will purchase a number of realistic “smart mannequins” who have a pulse, can talk, bleed, tremble, vomit, give birth, and even die. They also have add-ons like fake organs and skin so we can simulate real-life procedures and surgery.

Although they may not be real, ***the lessons learned and lives saved will be.***

We have an important question to ask. What if?

What if a 36-year-old man is ejected from his vehicle in a highway accident? What if he has sustained bleeding within his brain, chest, and abdomen, and has suffered multiple broken bones?

What if someone else's heart stops and 911 is called to attend to a cardiac arrest somewhere in the city?

What if a newborn baby at our hospital has significant breathing problems and mom starts to bleed out after giving birth?

What if a routine procedure in our operating room becomes no longer routine when the anesthesiologist can't insert a breathing tube?

These are all significant "what ifs"! However, these are not uncommon "what ifs" within our community and our hospital.

Here's perhaps an even more compelling "what if" to consider.

What if the patient ejected from his vehicle **was your child**?

What if the baby with breathing troubles was **your new grandchild**?

What if the not-so-routine operation involved **a close family friend**?

Or the cardiac arrest was **your spouse**?

WHAT IF one of these patients was **YOU**?

Wouldn't you want to know that the medical team at TMH knew how to work the appropriate equipment to help save these patients' lives, that they knew that they even had access to these devices, and that the necessary medications arrived on time?

And wouldn't you want to know that if the first attempt at a lifesaving procedure didn't work, that they had another plan in place immediately?

And instead of a group of individual health care providers like doctors, nurses, respiratory therapists, pharmacists, numerous technicians, and others that are typically trained within their own fields, coming together for the first time to try and save your loved ones...

wouldn't you rather have a highly functioning team at your bedside?



**We believe
your answer
would be yes
to all of these
"what ifs".**

Here are some interesting facts.

- ✓ Our hospital staff is already taking part in simulated learning, but a larger investment in a more robust program is needed to improve learning opportunities for our health care team. Studies have shown simulation-based procedures produce better outcomes.
- ✓ About 70 per cent of patient safety events are due to failures of teamwork and communication. A huge portion of these errors are preventable.
- ✓ Increasing patient safety by minimizing the risk of medical error improves overall patient care.
- ✓ The new **Sim Labs** will be equipped with the latest in audiovisual playback and recording systems to assist in learning.
- ✓ With immediate feedback from either simulator or role-play, instructors can pinpoint areas of improvement, teach precise behaviors for real-life emergency procedures, and instill confidence over time.
- ✓ Although the project is a collaboration between Obstetrics and Gynecology, Emergency Medicine and Medical Education, the vision is to share resources more broadly across TMH and Horizon Health.
- ✓ What's learned in the **Sim Lab** can influence hospital design and improve patient safety from a quality improvement aspect.

Meet Our Simulationists

Luckily, TMH already has two Canadian certified Simulationists who will be devoted to strengthening this program.



Dr. Angus MacDonald and Jacquelynn Carter, RN, EM/Critical Care

Here is where the Sim Labs will be located:

- One lab will be set up in a 600 sq. foot area in the currently being constructed Obstetrics and Newborn Care Building (in pic).
- Another lab will be created in the former Obstetric Operating Room on the second floor.
- Both spaces will permit the creation of simulated resuscitation rooms, delivery rooms, patient care rooms, operating rooms, and more.



Having a strong Simulation Program has other important benefits and critical outcomes.

As mentioned, donors can play a role in **attracting and retaining health care staff** from different disciplines. The health care workplace is changing rapidly and to keep pace and attract quality professionals, we need a leading-edge Simulation Program to provide vital practice and continued professional development.

For example, Dalhousie Family Medicine's Moncton program retains 85% of graduates to practice in the Maritimes.

Simulation investments will help this program attract top candidates to our centre which seeks to address the shortage of family physicians/**primary health care*** needs in our region.

*What is Primary Health Care?

Primary health care is a patient's first point of contact with the health-care system.

For many people, that first contact is with a family doctor, but it can include nurses, social workers, mental health professionals and others.

Source: GNS



What is the money going towards?

- A number of **"smart mannequins"**, including a pregnant mom, newborn, child, and man.
- A highly advanced **Patient Monitor Simulator**, which mimics real monitors and defibrillators.
- A **minimally invasive (laparoscopic) trainer set**.
- Cost to prepare simulation lab physical space.

CAMPAIGN GOAL

The Foundation's vision is to raise **\$1.1 Million**.

- **\$850,000** for equipment and technology for two **Sim Labs** at TMH;
- And **\$250,000** for the **creation of an endowment** to support the retention, recruitment, and education of medical staff.

This endowment would continue to grow over time and support our medical system's human resource needs. We are delighted that our first project is funding three scholarships per year for family doctors, on the condition that they practice in Greater Moncton upon graduation. We need to build our primary health care* capacity, as the family doctor is often the access point for the health care system.

Over time, this project has the potential to provide thousands of patients in our region with a family doctor. We have learned that when medical staff get their start here, they often stay. We need solutions to a family physician crisis that is severely limiting access, and overwhelming our emergency rooms.

We can accomplish so many incredible things together.

Please make an investment today, so we can in turn improve the quality of care by addressing gaps in hands-on learning, supporting staff so they want to come and stay at TMH, and by helping create enhanced access to the best health care for you and your family.

Contact us today to chat more about how you can impact care.



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