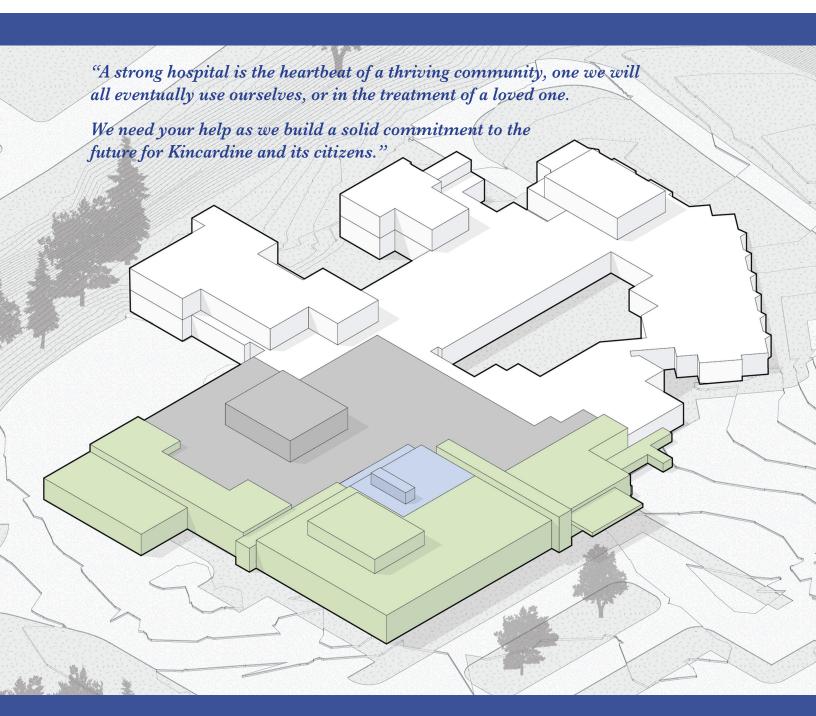


# BUILDING HEALTH CARE for GENERATIONS



### Kincardine hospital expansion - it's time.

Over the last 35 years (since our last major upgrade), the Kincardine hospital's focus has shifted from inpatient care to emergency services, medical imaging, and laboratory services, the demand for which is exploding in our community. As Kincardine and the surrounding area grows, so too does the need for upgraded facilities, and new technologies which will allow us to deliver the services, infrastructure, and patient care that is not only required, but expected by our neighbours, visitors, and employers. In order to match the growth and expansion of our community, our local healthcare facility needs to grow to accommodate the needs of our community. Each year, the Kincardine hospital has:



15.000

**Emergency room visits** (2026 projection: 19,369)

29% projected increase



19,136

**Medical Imaging procedures** 

(2026 projection: 29,006)

**52% projected increase** 



366,221 Lab procedures

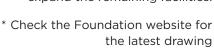
(2026 projection: 853,742)

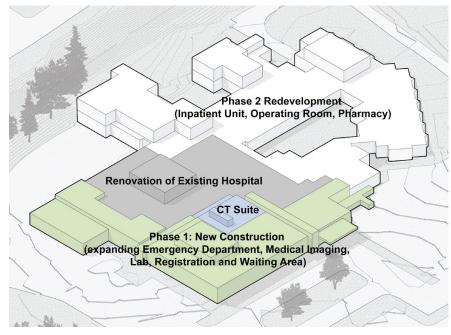
133% projected increase

#### 250% overall increase to the footprint of these services:

- A modern and expanded emergency department including an upgraded decontamination unit.
- Improved and enlarged medical imaging department.
- Strengthened outpatient laboratory services.
- Improvements to the front of house/registration and general hospital layout for better patient flow and efficiency.

Note: Phase 2 redevelopment will be needed to eliminate the oldest wings of the building and renovate/ expand the remaining facilities.





**AREAS BEING EXPANDED** 

# We need your help to help others... our community depends on it!



The Ontario Ministry of Health and Long-Term Care covers 90 per cent of the expansion costs requiring the Foundation, through the generosity of corporate, private and community donations, to cover the remainder of the project. In addition, fundraising is needed for the purchase of much needed medical equipment (such as the MRI) for the Kincardine Hospital. The total cost of the project is estimated to be \$79m.

Why it matters

"Our family believes that the Kincardine hospital is integral to our community and its services are extremely important to the area residents at many stages."

- Alice Milne & the Family of Dr. D.A.D. Milne

"Improved access to the latest technology, close to home, means timely diagnostics and treatment for my family, my friends and my patients when they require emergency medical care for life-threatening conditions." - *Skye Schaus, Registered Nurse* 

"Access to quality health care is crucial to any thriving community like Kincardine, and that's why Bruce Power and our Suppliers are proud to support the *Building Health Care for Generations* capital campaign," - *Mike Rencheck, President and CEO, Bruce Power* 



### **Building room to grow!**

The *Building Health Care for Generations* campaign will fund the following much needed improvements:

#### 1. Emergency Department

The new emergency department will allow for:

- an expansion from 3,915 to 9,164 square feet;
- an increase in the number of treatment spaces from nine to 13 for acute treatment (with at least one easily convertible to a safe holding room for those experiencing a mental health crisis);
- a cluster of four "See and Treat" areas, including two isolation rooms:
- flexibility in treatment space by maximizing the number of multi-function rooms;
- a Rapid Assessment Zone (RAZ) so that patients with lower acuity needs can be treated more quickly, thereby reducing wait times and improving access and flow;
- Direct access to treatment areas from the Ambulance receiving bay;
- Wider hallways for easier access to examination/ treatment rooms; and
- an improved ventilation system.

These collective changes will increase privacy for patients, improve workflow, and enhance infection control practices. Close proximity to clinical support services (i.e., Laboratory Services and Medical Imaging) will ensure timely testing and results reporting required to support clinical decision making.

#### 2. Decontamination Room

With the Bruce Nuclear Generating Station only a short distance away, it is important that we expand our capacity to assist in the event of an emergency. Our current facility will be expanded to handle two patients at the same time, with shower areas, separate entrance and exit anterooms, and room to allow unencumbered movement of a stretcher. A separate, external entrance, in addition to direct access from the Ambulance bay, will complete the outfitting of the Room.

#### 3. Medical Imaging

The most dramatic change in the Medical Imaging Department will be the addition of a CT (Computed Tomography) Scanner and an MRI (Magnetic Resonance Imaging) machine. Demand for local diagnostic imaging continues to surge (and will only increase in the future), and having these services available locally will not only provide needed services to our

community, but cut down waiting times (and drives) for our local citizens. A 2,300 sq. ft. addition has been constructed for the CT which went into operation in the spring of 2023. It will ultimately be incorporated into the expansion.

The hospital provides other medical imaging services - X-rays, mammography, bone mineral density and ultrasound. The current facilities are cramped and outdated, but the redeveloped medical imaging department will be almost three times larger - sufficient space for proper waiting rooms, change areas and washrooms - which will be located immediately outside of the procedure or examination room with easy access for staff. To protect patient privacy and dignity, access to procedure and examination rooms will be simple and direct.

#### 4. Laboratory Services

Fast, convenient, and accurate laboratory services help make required procedures and tests not only easier for the patient, but better for our lab technicians and medical staff. The incorporation of a single lab location, close to Emergency, but with proper reception and waiting areas, will ensure that patients can be seen, and their laboratory tests processed in an expeditious manner onsite, while ensuring adequate space for equipment and testing that permits proper workflow and meets today's stringent lab standards.

#### 5. The "Front of House"

The completely redesigned Front of House will include patient registration cubicles, self-registration kiosks, and a space for a greeter and volunteer office.

#### 6. Hospital layout

The new layout will create a more efficient use of space and be more convenient for patients, staff and visitors throughout the entire hospital. For example, the Emergency Department will be separated from the rest of the hospital, enhancing patient privacy and workflow. It will also have its own separate entrance from the outside, which will allow the Front of House spaces to be located conveniently near the main entrance.

#### 7. Ontario Telehealth Network (OTN)

All patient exam/treatment and testing spaces included in the redevelopment will be Telehealth capable, which will allow access to specialist consultations and decrease the need for inperson visits. OTN not only saves money, it benefits patients in rural communities by bringing the specialists to them.

#### 8. Infrastructure deficiencies

Exceeding standards - We want to make sure that as new technologies and procedures are developed, our hospital will have the capacity to adapt and integrate to meet and exceed current hospital standards and building codes.





"Modern medical equipment is critical to saving lives. When a patient presents to the emergency room with non-specific symptoms, we rely on medical imaging technologies like CT and MRI to pin down an accurate diagnosis so the patient can receive timely treatment. What most people don't realize is that the cost of medical equipment is not paid for by the Ministry of Health, and is rather purchased courtesy of fundraised dollars due to generous donations from the community. All medical equipment has a finite lifespan and needs to be replaced after a number of years as well.

This is why we need your support." - Dr. Jason Murray

#### Why is Medical Imaging so Important?

CT and MRI are both specialized medical imaging methods, used to create detailed images of internal body structures which they each achieve in different ways. A CT scan uses ionizing radiation (X-Rays), while MRI uses strong magnetic fields and radio frequency. A CT views bony anatomy to diagnose lung pathology, and is the choice for cancer diagnosis and follow-up, as well as for assessing vascular diseases. CT is commonly used to support emergency medicine because most scans take mere minutes. An MRI excels at evaluating soft tissue and organs particularly neuroanatomy such as brain and spinal cord, as well as ligaments, tendons, and breasts.

Medical imaging has changed the face of healthcare and allowed healthcare professionals to learn more about the human body than ever before. While medical knowledge forms the basis of health practitioner diagnoses and decisions, medical imaging is a vital part of confirming any diagnosis. Medical imaging can also assist in decisions regarding treatment and future care of the issue. As technology advances, medical imaging can inform the doctor of internal problems that a basic external examination would fail to detect. Medical imaging is absolutely necessary when tracking the progress of an ongoing illness. MRI and CT scans allow the physician to monitor the effectiveness of treatment and adjust protocols as necessary. One further benefit of medical imaging is its function in preventative care. Recommended evaluations such as mammography can help detect early signs of breast cancer.

#### **CT Scanner**

The "Siemens X.Cite" CT scanner has been installed

in Kincardine. This model is the most advanced single source, dual energy CT scanner with both twin beam and spiral dual energy modes. The X.Cite model features (a) artificial intelligence that automatically positions the scanner to improve image quality and reduce radiation does; (b) "Zero Click" post processing that decreases staff time required to process data after exam and improve workflows; and (c) a larger bore that increases the patient types/sizes that can be scanned.

The new CT scanner began servicing patients in spring 2023.

#### MRI

Kincardine is excited to receive approval for the addition of an MRI scanner to our Medical Imaging Suite. This will improve and speed up diagnoses, in addition to cutting down wait times for our patients.

#### **Medical Equipment**

Each year, the Foundation funds about \$350,000 of miscellaneous equipment requests from the hospital. The requests can range from beds to a chemistry analyzer. Some years, larger pieces of equipment (such as a mammography machines) need to be replaced.



# Who we are, what we do, and what we fund

The Kincardine and Community Health Care Foundation was incorporated in 1995 as a non-profit, charitable corporation with the sole purpose of raising funds for the benefit of the Kincardine hospital. Our strength is our people... the Foundation is made up almost entirely of volunteers, members of our community dedicated to improving health care for their neighbours.

Since our inception, the Foundation has raised millions of dollars for needed equipment for our hospital. In the last 10 years alone, the Foundation along with the Hospital Auxilliary, has funded over \$4 million in needed hospital equipment. This is critically important since hospitals in Ontario do not receive any funding for medical equipment from the Ministry of Health.

The success of our hospital redevelopment, and the ability in the future to attract new healthcare professionals to our growing community, hinges on the Foundation's ability to raise at least \$18 million by 2028. This goal is a challenging one, but it is one we can meet with the support of our community. After all, look at what we have going for us;

- The hospital a facility that has not only looked after us in the past and present times, but will continue to care for generations of our families to come.
- A prosperous, caring, and diverse community of individuals and businesses committed to Kincardine, our hospital, and its success.
- A fantastic team of dedicated medical, healthcare, and hospital professionals working tirelessly to ensure the health, and well-being of our citizens.
- A dedicated group of Foundation volunteers who have committed to ensuring the success of this effort, for the benefit of their community.

## Examples of recent funding and your donations at work:

Cardiac ultrasound machine \$194,000

Mammography machine \$1.1 m

CT Scanner project \$3.1m

Panic alarm system \$72k



"Rock With Your Docs" takes place in June, and features healthcare staff supporting our Foundation.



The Clothes Hamper volunteers making another donation.



Foundation Board members accepting a donation from the estate of Wes Giesz.



Hurontel staff commit \$500k to the redevelopment of Kincardine Hospital.

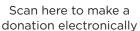


### The time to invest is now.

#### What's in it for you (and us)?

Our fundraising goal is big and challenging but - with your help - it can be achieved. With the support of the local residents, businesses and community groups, the quality of care can improve. Wait times can be reduced. The Emergency Department can be safer and more efficient. The safety of health care workers can improve. More physicians, nurses and other essential health care team workers can be attracted to Kincardine.











#### How to donate (and leave a lasting legacy)

There are many ways for you to join our campaign and make a donation. We have a trained team of Ambassadors who would enjoy meeting with you to discuss the Building Health Care for Generations campaign in more detail, and, and hear about what's important to you. Plans and donations can be as creative and individual as you are!

Gifts to the Foundation can be made by businesses, community organizations/foundations, families, or individuals, and can be spread out over a period of up to five years. EFTs, and pre-authorized monthly donations are available as giving options, as are gifts of RRSPs, life insurance policies, and stocks/ securities. Assistance is available by reaching out to our Foundation office.

If you would like to discuss the possibility of making a gift with one of our volunteer ambassadors (or a staff member), please reach out to us at kfcapitalcampaign@outlook.com, or 519-396-3331 ext. 4335.

Every donation gets us one step closer to quality health care right here at home.

Thank you!

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