



Guiding our patient care pathway



**Diagnostic
Services**

CARING PROGRAMS

Investing in your hospital

Access to innovative equipment and timely care, will help us meet the growing needs of local families. Community dollars fund 100% of the equipment and technology in our hospital. Your support is critical to ensuring the best in class care is delivered close to home, when you need it most.

Together, we make it possible.





Diagnostic Services offers crucial testing services for patients and the physicians caring for them, using skill and modern technology. Having the right test, for the right reason, at the right time, makes all the difference to patient care and improves outcomes.

Dr. Winnie Lee
Interim Chief of Staff and
Chief of Diagnostic Imaging



What makes CMH's Diagnostic Services Program distinct?

As the backbone that supports patient care in all other programs at CMH our Laboratory and Diagnostic Imaging (DI) Department plays a vital role in the diagnosis and treatment of illness and disease. With a growing group of radiologists, pathologists, and technologists, we utilize a wide range of high-tech equipment such as Analysers, MRIs, CT Scans, Ultrasounds, Microscopes, X-rays, and Nuclear Medicine to image, analyze, assess, consult, diagnose and treat a wide variety of health issues. Access to the latest equipment that provides the best image clarity and accuracy is a necessity for our high-demand and busy Diagnostic Imaging and Laboratory Services Programs.

Locations

WING B, LEVEL 1
CT
Ultrasound
Nuclear Medicine
X-Ray
Flouroscopy
Mammography
Laboratory

WING C, LEVEL 1
MRI



KIM HAD NO IDEA WHEN SHE BEGAN HER CANCER JOURNEY JUST HOW IMPORTANT ACCESS TO THE BEST DIAGNOSTIC EQUIPMENT WOULD BE TO HER DIAGNOSIS, CARE AND RECOVERY.

All under one roof

“I’ve used CMH’s Laboratory and every DI machine during my cancer journey and wish everyone understood how important it was to be treated in your own community,” begins Kim.

Kim’s cancer journey began with her first mammogram at age 52. Her results looked suspicious. Kim received her mammogram — a low dose x-ray of the breast — at our accredited Ontario Breast Screening Program, part of CMH’s Diagnostic Services Department. Mammograms can often save lives by detecting breast cancer early when it’s still small and often before a lump can be felt.

Coming back to CMH for follow up tests, Kim was scheduled for a breast biopsy. Preparation once again required a visit to Diagnostic Imaging. This time, imaging was used to precisely locate the nodule to insert a locating clip at the site. This clip then accurately guides the surgeon to the biopsy location during surgery.

Her biopsy sample was analyzed by our Pathologist in the Laboratory. Kim was diagnosed with triple negative cancer and underwent same-day surgery for a double-mastectomy with breast reconstruction. This unique surgery, available at CMH, offers both mastectomy and breast reconstruction from specialized surgeons, blended into one surgical experience.

“I’m certainly glad I did it all in one go. I had my double mastectomy by Dr. Kolyn and Dr. Chesney did the reconstructive surgery. I wish every woman that has breast cancer had this option to consider.”

Kim’s chemotherapy and follow up care took her throughout the hospital — from Medical Day Care for treatments, to the Emergency Department and Inpatient Unit for unexpected reactions. Throughout her journey, her blood work, samples, tests and diagnostic imagings were vital to allow her physicians and oncologists

to assess and diagnose issues, and ensure treatment effectiveness. Kim says “I went through a lot and the fact that I don’t see it as having been that bad really speaks to how well I was cared for.”

That level of care was felt throughout her experiences at CMH, including her visits to the Laboratory and Diagnostic Imaging. “People were always very professional and we are very lucky to have a high quality hospital close to home” Kim states, adding “Aside from a special breast MRI elsewhere, all my tests and treatments have been here. I’m so glad that what I needed to have done was available here, and am forever grateful for that.”

Program Highlights



Diagnostics

We provide a lifetime of healthcare from prenatal to seniors' care. Our Laboratory processes 1.2 million samples annually and Diagnostic Imaging performs over 105,000 exams per year, resulting in over 500,000 images.

Inpatients and community members can access Diagnostic Services. CMH is the only facility in Cambridge and North Dumfries offering nuclear medicine, CT, MRI, and biopsies.

Our efficient Diagnostic Imaging Team delivers some of the best wait times in the region for MRI, X-Rays, Ultrasounds, CT Scans and other imaging. Our Laboratory Team consistently earns 100% compliance ratings on the Quality Management Facility Report, a measure of pathology quality in Ontario labs.

CMH's strong culture of quality and quality improvement ensures patients and their physicians receive accurate and timely test results. This allows for quicker diagnosis, giving our team the knowledge required to initiate treatment and provide improved outcomes.

Our Diagnostic Imaging Team of over 50 highly skilled radiologists and technologists offers a broad scope of knowledge and experience that sets CMH apart. With expertise in brain, stomach, liver and breast care they provide expert diagnostics close to home.

Our Laboratory Team of 50 offers core lab testing in chemistry, hematology, transfusion medicine, and our histology and pathology programs support all surgical programs.

We partner with Family Physicians to play an important role within patients' circle of care. We are the first hospital in the province to introduce a real-time paperless eReferral system so Family Physicians can easily and efficiently order tests, and consult on results.



Patient Care Partners

Emergency Department
Medicine
All Clinical Programs
Family and Community Physicians
Oncology
Fracture Clinic

Staff Leaders

Interim Chief of Staff and Chief
of Diagnostic Imaging
Dr. Winnie Lee

Chief of Laboratory/Pathology
Dr. Jacqueline Bourgeois

Deputy Chief of Diagnostic Imaging
Dr. Inga Isupov

Manager of Diagnostic Imaging
and Diagnostic Cardiac Services
Kimberly Rose

Manager, Laboratory Medicine
Hayley Hamilton



Investing in Diagnostic Services

Diagnostic Imaging and Laboratory Services touch patients in all areas of the hospital and throughout our community. Having access to the best technologies available offers image clarity for our Diagnostic Services professionals to accurately diagnose and treat patients quickly and provide exceptional care for enhanced patient outcomes. Below are some examples of new and replacement equipment used to provide patient care, and their associated cost.

DEPARTMENT	EQUIPMENT NEEDS	COST
Diagnostic Imaging	Mammography Unit	\$410,000
	Ultrasound Machine	\$235,000
	MRI Scanner & Renovations	\$5,000,000
	SPECT / CT Camera Technology Upgrade	\$150,000
Lab / Cardiac / IPAC	ECG (Cardiograph) Cart	\$66,000
	Immunohistochemistry Analyzer	\$115,000
	Specimen Tracking System	\$220,000
	Tissue Embedding Centre	\$40,000
	Transfusion Medicine Cell Washer	\$20,000
Pharmacy	Medication Packager	\$485,000
	Omnicell – Omnicenter Server Upgrade	\$60,000
	Pharmacy Carousel	\$650,000