

MRI IMPACT REPORT

Elevating patient experience
thanks to your generosity



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Donor Report
Summer 2024

THANK YOU!

Nearly six years ago, the Foundations at HSN embarked on an ambitious campaign to raise over \$7 million to 'Unlock the Potential' of our hospital and improve the quality of care for thousands of patients across Northeastern Ontario.

In December 2020, only **18%** of our patients received MRI scans within the target time frames. Our wait times were worse than the provincial averages, and the number of new patients needing MRI scans grew faster than our single MRI could support.

Today, that has all changed because of you. Since purchasing the second MRI, **41%** of our patients receive MRIs within the target time frames. Our wait times are better than the provincial averages. In fact, despite expanding our medical imaging services, we have the second-lowest wait times of the 27 Academic Teaching hospitals in Ontario.

The success of this campaign and the incredible impact on care we have seen since are thanks to many generous donors who believed in our vision and helped make it a reality. Your contributions have made this technology accessible to thousands across the region, ensuring we are able to meet the needs of our community!



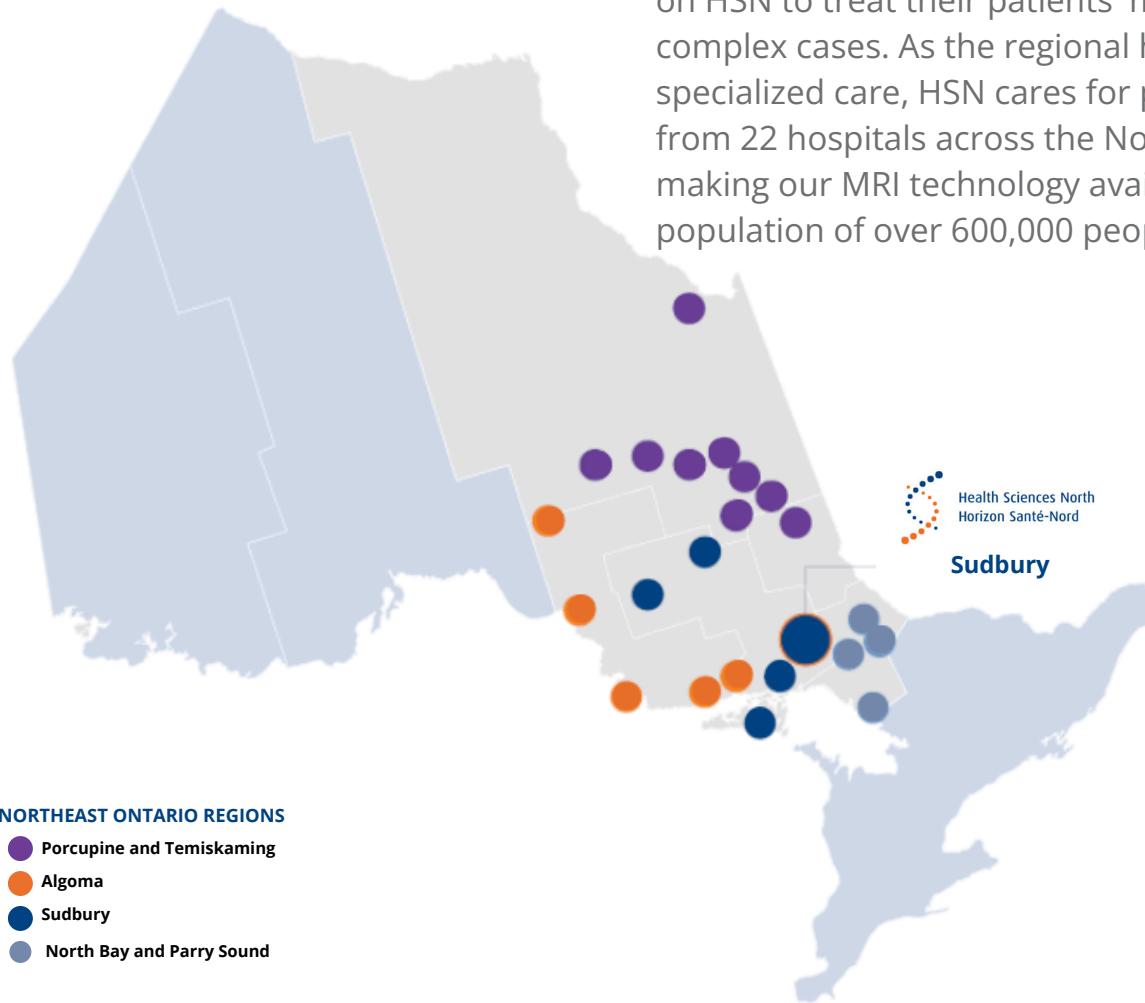
Anthony Keating

President & Chief Development Officer
Foundations and Volunteer Groups
Health Sciences North

Helping Patients Across the Region

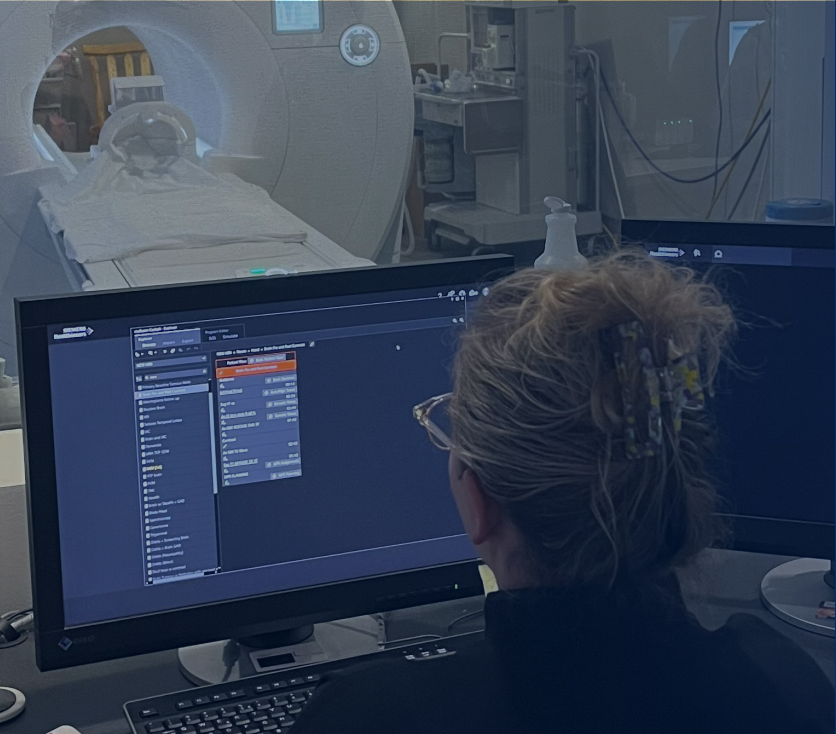
Ensuring timely access to advanced medical technology and high-quality care is vital for patients at Health Sciences North (HSN). MRI technology is integral to our diagnostic processes, helping guide treatment plans that are crucial for patient recovery. Often, it serves as the initial step in what can be a long and challenging healthcare journey.

Hospitals across Northeastern Ontario rely on HSN to treat their patients' most complex cases. As the regional hospital for specialized care, HSN cares for patients from 22 hospitals across the Northeast, making our MRI technology available for a population of over 600,000 people.



"Supporting the MRI campaign at our local hospital was a natural choice for us. We care deeply about our community, knowing that everyone, at some point, will rely on critical services like MRI scans. We feel grateful to be in a position to give back, and it's thanks to the loyalty of our local customers that we're able to contribute. Together, we're making a difference in the health and well-being of those around us, ensuring access to vital medical resources for all."

Taylor Marshall – Snow Squad



Making a Difference for our Patients

The two MRIs remain an essential part of healthcare delivery. Before the purchase of the second MRI, **35 scans** per day were being performed, and the backlog of patients was growing. In the last fiscal year, patients at HSN benefited from the new technology running at **100% capacity** performing **55 scans** per day for over **16,000 patients** throughout the year. This tremendous standard of care continues into 2024 with no backlog in sight!

In 2013, Lori learned she had multiple sclerosis (MS). Now, every year, she receives an MRI scan to monitor her disease progression and help guide her treatment plan. Lori understood the value new MRI technology would bring to patients like her, and she hosted her own fundraiser to support the MRI campaign.

"Lucky for me, residing in Sudbury, I didn't have to travel to receive my MRI scans. While in the waiting room, though, I always seemed to meet people who had travelled long distances and waited many months for an MRI scan. As a patient, your stress levels are already high as you await a potentially life-changing diagnosis, so the purchase of a second MRI for HSN has been an absolute game-changer!" says Lori.

For patients like Lori, decreased wait times and faster scans provide some comfort while seeking care. Faster diagnosis is helping lead to quicker recoveries and treatment plans when patients need them most.





Technology Advancing Care

Thanks to you, our Foundations were able to fund the integration of Deep Resolve into our new MRI 3T technology this year. Deep Resolve is an advanced image reconstruction technology that can take a blurry MRI picture and make it clearer, reducing the need for repeat imaging in cases that would have needed it in the past.

This technology will not only allow for clearer images to be produced, but it will generate the images significantly faster than previous technology. This means we will soon be able to book more patient appointments closer together, further improving MRI wait times, as well as making the scan process more comfortable for patients.

“Pediatric patients, in particular, will benefit from this technology integration. Children have difficulty remaining still for long periods of time, and in the past, they sometimes required multiple scans or sedation to generate a clear image. This new technology means that our patients can be scanned much faster, avoiding many of the previous issues.”

Dr. Heidi Schmidt
Chief and Medical Director of Medical Imaging
and Radiologist
Health Sciences North

Our Community Coming Together in Support of Care



The success of the MRI campaign was supported by many donors, community initiatives, third-party fundraisers, and champions who, together, helped ensure the purchase of this vital piece of equipment.

Our community stepped forward to make a difference helping us to improve the lives of our patients through quicker diagnosis and treatment of urgent medical issues across all areas of HSN including cancer, cardiac and pediatric care.

Our friends at Technica Group Inc. fundraised and donated in honour of their colleague and friend, Tyler Nicholls.

Tyler Nicholls, a beloved father, husband, son, and friend, passed from cancer in 2021, but during his battle, the community showed their unwavering support for him by generously giving to HSN's MRI campaign in hopes of bettering the lives of others.

We are incredibly grateful to Tyler, his family, friends, and colleagues for their support, and we honour the memory of Tyler's efforts with great appreciation. It is this strength and generosity, from individuals who see a need and give back, that we rely on in our community.

BETTER SERVING PATIENTS IN THE NORTH

16,089 Adult scans performed

554 Pediatric scans performed

1,203 Cancer scans performed



There are four priority levels of medical imaging. Priority 1 patients require urgent same-day service, and priority 4 patients have the least urgent imaging needs.



As a result of introducing the second MRI to HSN, **priority 3 pediatric patient wait times are at 36 days compared to the provincial average of 50 days.**

Most common uses of HSN's MRIs:

- Neurological imaging
- Abdominal imaging
- Pelvic imaging
- Musculoskeletal imaging
- Breast imaging
- Cardiothoracic imaging
- Specialized pediatric imaging

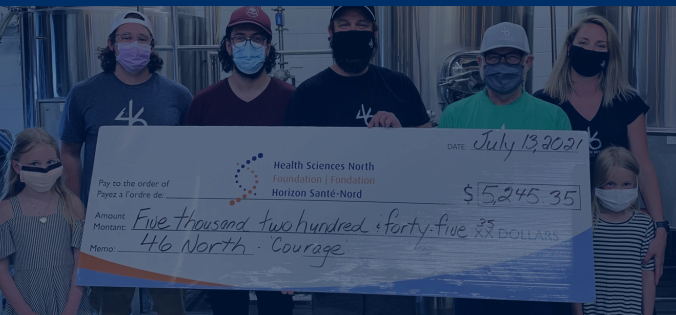


Before the new MRIs, the MRI had an average wait time of 84 days for priority 4 adult patients. **Now, priority 4 adult patient wait times have improved to 43 days, less than half the provincial average of 87 days.**

Figures representing fiscal year 2023-2024



THANK YOU TO OUR DONORS



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