



# MRI Equipment Upgrade \$1.6 Million

Magnetic Resonance Imaging (MRI) is a safe and painless diagnostic tool. It uses a powerful magnetic field, radio frequency pulses and a computer to produce detailed images of the brain, spinal cord and nerves, as well as muscles, ligaments, and tendons. These areas of the body in particular are seen much more clearly with MRI than with regular X-ray and Computed Tomography (CT) equipment.

The current MRI equipment was purchased in 2005. Our radiology department performs 2,500 MRI procedures each year on an inpatient, outpatient, and emergency basis. With the new design features and advancements in technology, this equipment needs to be replaced.

## Why is an Upgrade Essential?

An MRI upgrade and suite renovation will dramatically improve patient experience in terms of comfort, speed and sound. Advanced MRI systems have a wider platform (bore), designed to accommodate larger patients. Its design also enables the patient's head to remain outside of the unit, which helps prevent or alleviate claustrophobia.

These new features will enable us to serve an additional segment of patients—those who previously traveled outside the community for an MRI because of their physical size or claustrophobia. Since the new equipment is much less confining, it may prevent some adult and pediatric patients from having to be sedated for claustrophobic reasons.

## Excellent Patient-Centered Care

Comfort · Speed · Diagnostic Confidence



### Benefits of wider platform and renovation of MRI suite

- Dramatically improves the patient experience—increased patient comfort and decreased anxiety
- Ability to comfortably accommodate larger patients
- Decreased time spent inside the MRI
- Ability to perform scans under sedation—particularly helpful with pediatric patients and those who suffer from claustrophobia

### Benefits of upgrading to the most advanced technology

- Increased diagnostic capability
- Upgraded diagnostic image quality
- Advanced applications for better definitions detecting abnormalities

# Helping Our Patients at Home



*“The importance of this upgrade is immeasurable. The latest technology increases the image quality while decreasing the time of the scan and the noise. It also makes for a much more comfortable experience and reduces anxiety for our patients.”*

—Chris Bilyeu, RPA  
Radiology Manager

Lorne Morris (L) pictured with Chris Bilyeu.

Lorne Morris received an MRI because of pain associated with a pinched nerve.

*“The care I received at Sheridan Memorial Hospital’s radiology department was nothing but friendly, helpful, and understanding. Even though I am not a claustrophobic person, it was physically and mentally uncomfortable to have to squeeze into a machine for 45 minutes. But my technologist took the time to explain the process in detail and assisted me from start to finish. Knowing she was there allowed me to relax and complete the scan in the shortest time possible. You have a great team at Sheridan Memorial Hospital! I support this campaign and think the new MRI equipment will make procedures even better for your patients, especially for those who may be uncomfortable or uneasy.”*

—Lorne Morris, recent MRI patient

## Your Gift Makes a Difference

On behalf of everyone at Sheridan Memorial Hospital, thank you for considering a major gift to help fund this significant project for our patients and their families.

For more information, call the Foundation at 307.673.2417.



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