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Open MRI, LLC.

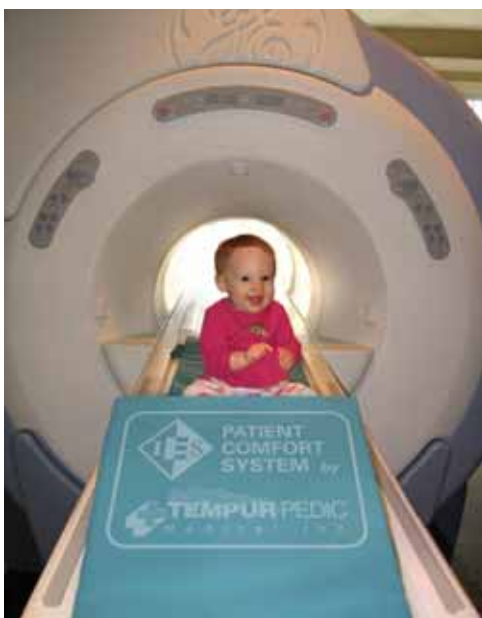


High Field & Open MRI Introduces New Patient Comfort Technology

Patients often complain about being uncomfortable during their MRI. A significant part of their discomfort relates to the mattress pads currently available on the MRI. These pads were not developed with the purpose of maximizing patient comfort using the latest technology.

High Field and Open MRI introduces its new patient comfort technology using Tempur-Pedic® pressure reducing viscoelastic material. This material molds to the patient's exact body shape and contour to evenly distribute weight and pressure.

The Patient Comfort System was developed over a 2-year period in close cooperation between **High Field and Open MRI** and **Tempur-Pedic®** to maximize patient comfort as well as conform to the specific requirements for compatibility and safety. The Patient Comfort System incorporates TEMPUR® material which is the same type of material used in Tempur-Pedic® mattresses that have been recommended by over 25,000 medical professionals worldwide for their patients.



The TEMPUR material used for medical imaging has been specifically formulated in order to maximize patient comfort and maintain a thin form factor to optimize the available free space for the patient when inside the MRI coils.

The TEMPUR technology used in the Patient Comfort System was initially developed in conjunction with NASA to help manage the high g-force tissue loads experienced by astronauts during space flight. This material is highly effective in contouring to body contours and distributing body weight. These mattresses redistribute the patient body weight from areas of high concentration to areas of low concentration. The result is a pressure equilibrium which helps to maintain normal blood flow allowing the skin and underlying tissues to be perfused properly.

The standard pads we previously had on our MRI tables were made of resilient foams which produce uneven pressure distribution and areas of peak pressures. The discomfort associated with peak pressure is a primary reason that patients move during MRI scans.

The Patient Comfort System on all of our MRIs automatically allows for dynamic changes in the pressure profile and thus maintains tissue blood flow and oxygenation, resulting in greater patient comfort and significantly less patient motion.

"The pads used at High Field and Open MRI are the most comfortable I have ever laid on. I have had several MRI scans at other places for my slipped disc in my back, but these pads were so comfortable I completed the scan without taking a break or moving."

J.M.

Patient High Field and Open MRI

**To schedule a MRI or CT with High Field & Open MRI, please call:
429-6500.**



Spotlight on our Manager of Technical Services: Chris Roadcap, RT, (R) (CT) (MR)

In an effort to ensure consistency in training and service between our two sites, we have developed a new position: **Manager of Technical Services**

Continuing in our effort to familiarize our referring offices with **High Field & Open MRI** and our staff, the following is an interview with our new Manager of Technical Services, Christopher L. Roadcap, RT, (R) (CT) (MR).

Q: What do you like most about working at High Field & Open MRI?

A: This is the most ethically, professionally run private facility that I've ever been a part of. Everything here is geared toward service, as it should be, for the patients and referring offices. The Radiologists are directly involved in everything we do and readily available for any questions we might have. It is also the best run facility in that we have the most current archiving ability and image transfer systems available.

Q: What does your new position as Manager of Technical Services entail?

A: It allows me the opportunity to ensure that both sites function as one. Protocols and technology will be more consistent between the two sites and it should help us to more easily put the Radiolo-

gists' requests into action to ensure the best patient care. This new position will also allow me to focus on continued education and training of all the technologists. I'll also be able to research, learn and apply any new technology or new uses for the MRI/CT techniques and train the other techs.



Christopher L. Roadcap, RT, (R) (CT) (MR)
Manager of Technical Services

Q: What special credentials or training is required to become a member of our team of technologists?

A: All techs are required to pass the Registry Exam in MRI and/or CT within one year of their hire date.

Q: What can a patient expect when they come to High Field & Open MRI for their appointment?

A: The absolute best imaging service available. Patients are treated with respect, made as comfortable as possible, especially with our new Tempur-Pedic pads, and their reports are usually back to the doctor within 24 hours. Patients arrive and have their scan completed in well under an hour. They also have the convenience of parking within steps of the front door.

Q: What special training do our techs receive to help the very anxious or claustrophobic patient?

A: Our techs are specially trained to apply a variety of techniques to help comfort anxious and claustrophobic patients. We have two different MRI systems at each site, an open system, and a short bore high field system, so our patients have a second option if one system is particularly uncomfortable for them.

Chris and all the staff at High Field & Open MRI encourages anyone with questions or concerns to contact us anytime at (502)-429-6500. Your visits, phone calls and questions are always welcome.

Imaging Recommendations Guide

Clinical Signs & Symptoms	Clinical Diagnosis	Imaging Modality
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Head/Brain

Headache with family history of aneurysm	Aneurysm	MR Angiogram
Acute headache	Subarachnoid hemorrhage	MRI
Headache with neurologic deficit	Tumor	MRI
Headache without neurologic deficit	Tension headaches	MRI
Head trauma (acute)	Subdural hematoma, parenchymal hemorrhage	CT
(Subacute)		MRI
Transient ischemic attack / stroke	Bleed/infarct	CT
Symptoms less than 6 hours		
Transient ischemic attack / stroke	Bleed/infarct	MRI
Symptoms greater than 6 hours		
Seizures	Congenital anomaly, tumor	MRI
Cranial nerve dysfunction	Neuritis, tumor	MRI
Progressive neurologic symptoms	Tumor	MRI
Fluctuating neurologic symptoms	Multiple Sclerosis, Lyme disease	MRI
Galactorrhea, elevated prolactin	Pituitary adenoma	MRI
Known malignancy with neurologic deficit	Metastasis	MRI

Eye, Ear, Nose, and Throat

Fever and headache	Brain abscess, encephalitis	MRI
Facial pain, draining nose	Sinusitis	CT
Infection, draining ear	Cholesteatoma	CT
Tinnitus, sensory neural hearing loss	Acoustic neuroma	MRI
Proptosis	Orbital mass	Orbit CT / MRI
Double vision, diplopia	Neuritis, tumor	Brain and Orbit MRI

Spine

Myelopathy	Spinal stenosis	MRI
Radiculopathy	Osteophyte, disc protrusion	MRI
Spine pain with known malignancy	Metastasis	MRI
Trauma	Fracture	CT
Progressive spinal cord symptoms	Transverse myelitis, cord tumor	MRI



Radiology Director is Peter A. Rothschild, M.D.
Editor of the first Open MRI Text Book

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HIGH FIELD & OPEN MRI

wants to hear from you. Please make any comments, suggestions,
or recommendations on how we can better serve you.

Detach and fax suggestions to (502) 429-0770