

HAGYARD

Equine Medical Institute

**4250 Iron Works Pike
Lexington, KY 40511-8412
Phone: 859-685-3732**

Hagyard Equine Medical Institute would like to thank you for considering us to help with your diagnostic imaging needs for companion animals and patients.

We are equipped with a Siemens 1.5 Tesla MRI magnet in our new surgery wing. This magnet is capable of performing MRI examinations on large and small animals.

Dr. Trevor Fraebel will be supervising our small animal MRI anesthesia. Dr. Fraebel graduated *magna cum laude* from the University of Nebraska prior to graduating from Iowa State University's College of Veterinary Medicine in 1996. Since graduating, he has practiced small animal medicine in Wisconsin and Indiana as well as Kentucky. In 2005, he focused his skill in the field of small animal emergency medicine and critical care. In addition, for the last two years he has utilized his knowledge and experience to perform anesthesia for CT scans for some of the most critical patients. He will personally examine every pet, review history and blood work, prepare an anesthetic protocol, and monitor every small animal patient referred to Hagyard MRI.

Dr. Shannon P. Holmes, DVM, MSc, DACVR

She will supervise and interpret the small animal MRI examinations acquired at Hagyard. She is a graduate of the Ontario Veterinary College in 2003. Dr. Holmes completed Masters studies in MRI at the University of Guelph and has extensive MRI research experience as a contributor to projects on multiple sclerosis, breast cancer, neurologic inflammatory disease and pharmacologic MRI. Her residency training in veterinary radiology was obtained at Washington State University, which is the institute that first developed veterinary MRI. As a board certified veterinary radiologist, she has developed the MR imaging protocols, based on her extensive experience. She is also an MRI consultant for the Animal Medical Center of NYC, Tacoma Veterinary Specialists and Illumipet, Inc Teleradiology Group. Dr. Holmes recently co-authored chapters for the soon to be released Practical Small Animal MRI.

We are pleased to offer this unique service of quality diagnostic imaging, along with professional small animal expertise to the Central Kentucky area, and specifically to individual small animal practitioners and their patients/clients.

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CLIENT INSTRUCTIONS

How to Prepare

MRI diagnostic imaging requires the patient to remain completely still for the duration of the examination. Therefore, it is necessary that your pet undergo general anesthesia for this procedure. To prepare for this, all food, including treats, should be withheld starting at 10:00 p.m. the night before the examination. Moderate amounts of water are allowed overnight, but water should be removed by 6:00 a.m.

Depending on your pet's medical condition, anesthesia and MRI imaging may involve some risk. These should be discussed with you by the referring vet, additionally, you may contact us and we will be happy to answer any questions you may have regarding the MRI procedure. We ask that you sign a consent form for the procedure, including the administration of anesthesia.

We can pick up your pet from the referring veterinarian's office and return them after the procedure or you may bring your pet to us. You can wait in our lobby during the exam or if you need to leave we just ask that you leave us with a contact phone number.

The MRI Examination Process

1. Your pet will undergo a physical examination in preparation for anesthesia.
2. An intravenous catheter will be placed in a leg for the administration of anesthetic agents.
Note: Preparation for the catheter requires hair clipping at the site, plus a small area on your pet's chest may also be shaved to place a patch that monitors heart rate.
3. Your pet will then be moved to the MRI magnet room, positioned and scanned while under general anesthesia.
4. After the MRI exam, your pet will be placed in a recovery kennel with a warmer and plenty of blankets where it will be allowed to recover from anesthesia. Once they are fully recovered, your pet will be ready to leave.
5. The MRI examination will be interpreted by a board certified veterinary radiologist and a written report will be sent to your referring veterinarian within 24 hours of the conclusion of the study. STAT requests can be rendered for an additional fee.

After the Exam

A small compression bandage will be placed on your pet's leg when the intravenous catheter is removed to prevent bleeding at the site. This bandage will typically be removed during the recovery period, but if not, you may remove it after one hour. It is normal for pets to be quiet following general anesthesia. Once home, you may offer your pet small amounts of water. If no stomach upset is noted, this may be followed by a light meal. Although uncommon, some pets may experience a mild cough for several days following anesthesia. If you observe an unusual behavior or have concerns, contact your veterinarian immediately. Animals having been under anesthesia, may behave in an unpredictable manner for 12 – 36 hours following recovery. Animals may bite if confused or startled, so use caution during this time and keep pets away from young children.

You will need to contact your veterinarian to discuss the results of the MRI examination.

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REFERRING VETERINARIAN INSTRUCTIONS

Please contact the MRI office (859) 685-3732, to schedule or if you have any questions concerning the MRI procedure.

To schedule we will need:

- referring veterinarian's name and contact phone number
- patient's name, breed, age, sex, and weight
- owner's name and phone number
- area requested to be scanned
- faxed history that reflects area to be scanned (fax # 859-252-8961).
- Dr. Shannon Holmes (352-672-3192), our board certified radiologist, can be called to discuss the history and physical exam findings to best determine the correct scan area

The owner can bring the animal to us or we would gladly pick it up and return it to your office. We request that the animal is caged if we are to transport.

All patients will receive a physical examination by our experienced companion animal veterinarian, Dr. Trevor Fraebel, upon arrival. To help us to better prepare for each patient, please fax us recent general health information and, if possible, blood work that is no more than 7 days old.

Since the MRI scan requires general anesthesia, there are risks and potential complications associated with anesthesia and the MRI procedure. Please refer to the attached Anesthetic Risk Classification (ARC) and assign a risk classification for the animal to help us prepare an appropriate anesthesia protocol.

Please note. We are unable to accept referrals for animals not currently vaccinated or aggressive animals.

The referring veterinarian should receive a written report within the next business day.

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