



**INFORMATION FOR VOLUNTEERS AND PATIENTS TO BE EXAMINED BY
MAGNETIC RESONANCE IMAGING
without contrast agent**

- Project:** Evaluation of MRI in normal volunteers and patients with suspected neurological disease
- Investigators:** Alan H. Wilman, PhD, Derek J. Emery MD FRCPC, Gregg Blevins MD FRCPC, Fabrizio Giuliani MD FRCPC.
- Background:** Magnetic resonance imaging or "MRI" is a method of painlessly looking inside the body without x-rays. MRI uses a very strong magnet and radio waves to produce detailed images.
- Purpose:** This research is being done to see how well we can image the brain and blood vessels supplying the brain.
- Procedures:** We are asking you to undergo an MRI examination. The MRI exam itself is painless. The examination involves lying on your back in the MRI machine for about an hour. While in the MRI machine you will be in a long hollow cylinder that is 60 cm wide and about 3 meters long. Your head will go into a smaller cylinder that will be about 6 cm (2 inches) from your face. You will hear a banging or knocking sound as the computer opens and closes various switches. We will supply ear plugs to reduce the noise. You will also be given a small hand-held alarm so that you can stop the procedure at any time.
- Possible benefits:** This study may help us develop better ways of seeing the brain.
- Possible risks:** The MRI exam has no known harmful effects.
- Confidentiality:** Only the people conducting this study will see the information obtained. We will not give your name to anyone outside the study.
- Withdrawal:** You may withdraw from the study at any time. Your care, and that of your family, will not be affected if you do not participate in this study.
- Information:** You may obtain further information about this study from Dr. Wilman at 492-0562.
If you have concerns about any part of this study, you may contact the Patient Concerns Office of the Capital Health Authority at 407-1040. This office has no affiliation with the study investigators.

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