

Centre for Neuroscience Studies

fMRI Facility

Standard Operating Procedure #02

3T MRI Facility Visitor Approval Policy

1. Introduction

- i. Research involving Magnetic Resonance Imaging (MRI) at high magnetic field strengths present unique hazards to both research subjects and individuals working with and around the MRI system. Consequently, the potential for serious injury is present due to the sheer size and strength of the static magnetic field along with the flexibility of the research system and associated peripheral hardware.
- ii. The static magnetic field in the 3T MRI facility is always present. It is important that all those entering the facility be aware of the presence of the field, as it cannot be detected by our person in any way, i.e. magnetic fields cannot be felt, seen or smelled.
- iii. Visitors entering the 3T MRI facility must follow the procedures outlined below. A visitor is defined as any person without security access to the facility, and/or not participating in the current experiment.

2. Regulations for All Visitors

- i. All Visitors must be accompanied by at least one authorized person with security access to the 3T MRI Facility.
- ii. The Operator at any given time may grant or deny entry to the Facility.

3. Visitor Classifications and Specific Regulations

- i. Visitors are divided into two separate classifications:
 - a. Those entering the control room only and not entering the magnet room.
 - b. Those with intent to cross the 5 Gauss line by entering the magnet room
- ii. Visitors not entering the magnet room must be informed of the location of the 5 Gauss line and the restrictions placed on them to not cross the 5 Gauss line. The operator is responsible to inform the Visitor of these restrictions.
- iii. Visitors intending to cross the 5 Gauss line must remove all metallic objects and fill out the Safety Checklist: "MAGNETIC RESONANCE (MR) IMAGING SAFETY CHECKLIST FOR INDIVIDUALS" before proceeding into the designated high magnetic field area.