**XXXX Facility**

*MRI Environmental Safety Policy for Portable MRI (Point of Service scanners at less than 0.2T)*

**EFFECTIVE:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PURPOSE**: To establish and maintain safe practice at all times at our MRI facility.

**SCREENING:**

1. A screening form must be filled out prior to the patient being placed into the portable scanner. This document is reviewed by the scanner operator and permanently kept on file.
2. The MRI screening sheet must include a checklist of approved/nonapproved medical devices.
3. Patients, employees, or visitors with the following devices are prohibited from entering the five-gauss line area: pacemakers, defibrillators, aneurysm clips and certain ear and eye implants.

1. Those individuals with other implanted devices must be able to provide specific details regarding the type of implant, manufacturer, and date of implantation. These devices are then cross-referenced for MRI safety utilizing the manufacturer’s specification or other approved reference guidelines.
2. Should an individual indicate a history of metal work, welding, grinding or prior eye injury, radiographs of the orbits are performed to exclude the presence of a retained foreign body prior to allowing the individual access to the examination room.

**RF CONSIDERATIONS:**

1. This portable point of service MRI scanner does not produce a noise exceeding 99A-weighted dB, therefore hearing protection is not mandatory. However, we do provide hearing protection at the request of the patient.
2. RF burns are avoided by utilizing proper patient and coil positioning and thoroughly inspecting the coils and their cables as well as our MRI safe physiological monitor equipment to ensure integrity prior to each examination. The equipment described above is inspected to ensure that the wires or cables are not crossed, looped, or knotted, to avoid conductive loops and RF burns associated with them. The patient is positioned appropriately to ensure that the extremities are not crossed.

1. Proper padding is placed between the patient and the coil as well as between the patient and the scanner to avoid RF burns.

**MONITORING:**

1. Continuous monitoring of the patient during the examination is achieved by remaining close to the scanner/bedside.

**STORAGE:**

1. The scanner is being stored in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. There is appropriate signage to indicate the presence of a strong magnetic field.
3. The method of access restriction to the scanner is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**COMPLIANCE:**

1. The facility, including all staff, must comply at all times with all federal, state, and local laws and regulations, including but not limited to laws relating to licensed scope of practice, facility operations and billing requirements as well as the Standards for Occupational Safety and Health Administration.
2. In the event that a patient or individual (i.e., visitor, staff member) suffers an incident or complication from the MRI examination or exposure to the MRI environment, the incident is immediately documented. This documentation is stored and retrievable upon request.

All of our policies are reviewed and updated annually by the members of our Quality Improvement (QI) team.

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| Reviewed by: |  | Date: |  |
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