1. Introduction

The purpose of this SOP is to outline the standardized procedures for obtaining an MRI Operator certificate. This ensures that only highly qualified individuals are authorized to operate MRI machines, thereby ensuring the safety and well-being of research participants.

2. Definitions

MRI Technologist – The MRI Technologist is a specialized healthcare professional responsible for operating the MRI machine.

MRI Operator – Individuals who have completed the required operator training and received CIRC approval to operate the MRI independently.

Research Volunteer – An individual volunteering for a research protocol.

3. Policies and Procedures

Individuals seeking to obtain the MRI Operator certificate must demonstrate comprehensive knowledge and practical skills in MRI operation. This certification is awarded to highly trained personnel capable of independently managing and operating the MRI scanner, ensuring the highest standards of safety and protocol adherence.

To be eligible for operator training, individuals must have experience with **no fewer than 50 MRI examinations** (physically present, comfortable in the magnet room, familiar with MRI zoning, and familiar with MRI related policies and procedures).

3.1. Training Checklist

3.1.1. Successfully perform a minimum of **20 MRI studies** under the direct supervision of the MRI technologist.

3.1.2. Successfully **pass the MRI operator competency assessment**.

3.1.3. Obtain valid certification in Basic Life Support with AED

3.1.4. Adhere strictly to safe MRI scanning instructions outlined in SOP003.

3.1.5. Show competence and proficiency at conducting all procedures detailed in SOP005 during emergency situations to ensure compliance and safety.

3.1.6. Participate (and demonstrate proficiency) in annual Mock Emergency Response Training.

**Please note:** Any errors or accidents during scans will result in certificate suspension and necessitate additional training hours.
4. Document History

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<td>06/26/2024</td>
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<td>Aida Nasirian &amp; Mike Nelson</td>
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