

ROBARTS RESEARCH INSTITUTE  
CENTRE FOR FUNCTIONAL AND METABOLIC MAPPING  
9.4T MRI FACILITY

SOP #305-01

**STANDARD OPERATING PROCEDURE:**  
**MRI EQUIPMENT HANDLING**

**1. INTRODUCTION**

- 1.1 Execution of an MRI study often requires the utilization of a number of pieces of equipment aside from the MRI system itself. There are many different stimulus and monitoring devices available of which one or more may be used in any given experiment.
- 1.2 Many pieces of equipment in the 9.4T MRI Facility are supplied by the facility and shared amongst the investigators. There is also equipment stored in the facility that is specific to a certain study and is owned by the investigator and/or group performing the study.

**2. EQUIPMENT HANDLING**

- 2.1 Equipment owned by the 9.4T MRI Facility may be used by all investigators for studies performed at the 9.4T MRI Facility. It is the responsibility of the investigator and/or experimental support personnel to ensure that the equipment they use is functional before beginning the experiment and after the completion of the experiment. Investigators are responsible for replacing a piece of equipment if it is damaged or broken during the course of the experiment.
- 2.2 If a piece of equipment is found to be not working, it is the responsibility of the investigator and/or experimental support personnel to inform the Facility staff of the equipment and its current state.
- 2.3 Equipment that is labelled as belonging to a specific group is to be used by that group only. Other investigators are not permitted to use labelled items unless they have received consent from the owning group.
- 2.4 Please use courtesy in handling all equipment in the 9.4T MRI Facility. Many of the items are very expensive and some are irreplaceable. Upon completion of a study, please turn off every piece of equipment that was turned on for use during the study.

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*SOP Approval Signatures*

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Dr. Robert Bartha, Facility Director

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Date

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Dr. Greg Dekaban, RRI Biosafety Officer

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Date

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Ron Noseworthy, RRI Occupational Health & Safety Officer

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Date