



MRI Peripheral Devices	
SOP Number:	155.02
Date:	13-May-2020

MRI Peripheral Devices

1. Introduction

- 1.1 Research MRI studies often require the use of any number of peripheral devices depending on the stimuli and physiological monitoring requirements of the research being performed. As such, the CFMM houses a wide range of devices for utilization during such procedures. These devices include, but are not limited to, button response pads, MRI compatible projection systems as well as respiratory and pulse recordings, etc. As this sort of equipment is typically quite costly, proper handling and care should be considered when using it, as described below.
- 1.2 The CFMM supplies a large number of peripheral devices which can be used by any investigators scanning within the facility. However, there are also a number of additional devices, stored in the facility, which are owned by individual Principal Investigators or groups and are intended solely for their research projects. Investigators and intended for use only involving their research projects.

2. Equipment Handling and Procedures

- 2.1 Equipment owned by the CFMM may be used by all investigators performing studies in the MRI Facility. It is the responsibility of the investigator, Research Personnel, and the Level 2 MRI Personnel, present during the scan, to ensure that all equipment used is functional at the beginning and upon completion of each MRI procedure.
- 2.2 If a piece of equipment is found to be not working, it is the responsibility of the investigator and/or MRI Personnel to inform facility staff of the faulty equipment and its current state.
- 2.3 Equipment that is labelled as belonging to a specific investigator is to be used by that investigator only. Others are not permitted to use labelled items unless they have received consent from the owning group.
- 2.4 Please be careful and courteous when handling equipment in the MRI Facility. Most pieces of equipment are very expensive and many are irreplaceable. Many devices within the MRI Facility utilize fibre-optic cables. These cables are extremely delicate and must be handled with care. Always carefully roll up these cables and store in a safe place between scans.
- 2.5 It is the responsibility of the MRI Technologists and MRI Operators to ensure that the scanner rooms are left in a clean, safe, and functional state after each scan session. Please return all RF coils and MRI related equipment to their proper storage locations, place dirty laundry in the hamper, close your session on the scanner, and lock the scanner room door.

3 Requests for New Peripheral Devices

- 3.1 Peripheral equipment supplied by the CFMM is shared amongst all investigators (e.g. video projectors, response pads). Investigators requiring new equipment or devices are encouraged to discuss their needs with the CFMM Director or MRI Technologist(s) prior to purchase. Equipment deemed beneficial to multiple investigators may be purchased by the CFMM for shared use.



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Revision Chronology		
Version Number	Date	Changes
240.01	19 August 2008	First Version
155.02	13 May 2020	Combination of 3T, 7T and 9.4T

CFMM Director Signature:

Date:

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