

Research MRI Safety Committee Standard

GADOLINIUM USE FOR RESEARCH SUBJECTS

Category: Magnetic Resonance Imaging (MRI) Safety

Procedure #: MR.SOP.04

Applies to: Investigators, study personnel, Medical College of Wisconsin (MCW) staff

PURPOSE:

In response to reported cases of individuals acquiring Nephrogenic Systemic Fibrosis (NSF) due to administration of Gadolinium-based contrast agents (GBCAs), the American College of Radiology (ACR) updated its guidelines in May 2017 and

013 Tc 0.007 T
certain organs and ti
May 2018. The purp
Safety Committee re
subjects.

PROCEDURES:

The MCW Research MRI Safety Committee recommends that the current practices that Froedtert Hospital uses for clinical MRI scans be applied to research scans. These practices can be reviewed by searching for "MR 0390 Contrast and Medication Management" on the [Froedtert Hospital intranet site](#).

Approval Date: 08/15/2019

Effective Date: 08/15/2019

Review Date: 08/15/2019

Revision History: 09/12/2007, 01/10/2013, 11/3/2014, 05/17/2018, 08/15/2019

Approved By: Research MRI Safety Committee