

**SUNY DOWNSTATE MEDICAL CENTER
UNIVERSITY HOSPITAL OF BROOKLYN
POLICY AND PROCEDURE**

No: MRI-4

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Subject: SCREENING FOR FOREIGN BODY
ORBITS (MRI)

Original Issue Date: 10/2001

Prepared by: James Shanahan

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Reviewed by: Donna McKenzie EMBA.

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Standard PC.01.02.01 (EP.1), The hospital defines in writing, the scope and content of screening, assessment, and reassessment information it collects.

EC.02.01.01 (EP.14) The hospital manages magnetic resonance imaging (MRI) safety risks associated with the following: Patients with medical implants, devices, or imbedded metallic foreign objects)

Approved by: Deborah Reede, M.D

Harry Zinn, M.D.

Issued by: Radiology Department

I. PURPOSE

To avoid eye injury during MRI procedures

II. POLICY

All patients with a history of Penetrating Orbital Trauma requiring medical or surgical intervention **must have an Orbital CT prior to MRI.**

Patients with a history of metal grinding or exposure to metal fragments need an orbital CT only:

- If a definite or suspicious history of orbital injury exists.
- The order for the orbital Ct must be presented at time of the MR exam.
- It is the responsibility of the referring physician to order the CT

III. RESPONSIBILITIES

Nursing, Technologist Radiologist, Radiologist

IV. PROCEDURES/GUIDELINES

Perform the following CT sequence to R/O fragments.

MRI-4 SCREENING FOR FOREIGN BODIES IN ORBITS MRI

Non-contrast axial 3 x 3 CT images through the orbit should be obtained and imaged using bone and soft tissue windows.

Interpretation

The CT should be interpreted by a Radiology Attending or senior resident prior to MRI imaging. Any questionable results must be referred to a Neuroradiology Attending prior to MRI procedure

V. ATTACHMENTS:

None

VI REASON FOR REVISION:

Review

VII REFERENCES:

The Joint Commission Standards

Date Reviewed	Revision Required (Check One)		Responsible Staff Name and Title
2001	Yes		James Shanahan, Director Radiology Department
2/2015	Yes	No	Donna Mckenzie, Director Radiology
8/2016		No	Vincent Monte Assoc. Director Radiology Department
11/2018		No	Vincent Monte Assoc. Director Radiology Department