



## Magnetic Resonance Imaging (MRI)

The MRI machine is like a long cylinder that is open at both ends. It is light and has fans circulating area through at all times. Different pieces of equipment may be placed over the patient, depending on the body part being imaged. Headphones are provided as the scanner is very noisy. Music can be played through these as the radiographer will be able to talk to the patient in between scans. The patient can contact the radiographer at any time through an emergency call bell system.

An MRI examination can take 30 minutes to 90 minutes depending on what the Referrer requests to be covered. Sometimes a contrast injection is required part way through the study. Specific examinations may require specific preparation and if this is necessary, documentation will be sent to the patient with their appointment letter. All patients are asked to arrive 30 minutes before their appointment time to change and complete an MRI Safety Questionnaire to ensure they are safe to enter the MRI Room.

The MRI Department provides imaging for RBWH patients covering an extensive range of examinations. These include Neurosurgery, Neurology, Vascular, Gastrointestinal, Musculoskeletal, Intensive Care, Neo-natal, Gynaecology and Fetal imaging.

By arrangement, MRI can be performed under General Anaesthetic or IV Sedation. Patient may also utilise Oral Sedation prescribed by their GP for mild claustrophobia. Information regarding these options can be obtained from the Medical Imaging Department.

### Hours of Operation

Normal hours of operation are:

07:30am to 10:00pm, Monday to Friday

08:30am to 4:30pm, Saturday and Sunday

On-call staff coverage is available for urgent procedures required outside these hours.

### Location

The two 3T MRI scanners are located within the main Department of Medical Imaging, Level 3, Ned Hanlon Building.

The bore size of the Trio is 60cm diameter and the Skyra is 70cm diameter.

### Enquires / Bookings

Enquires / Bookings relating to MRI may be directed through the main reception / scheduling on 364 65327 during office hours.

Note

It is essential that the requesting Doctor complete the MRI Questionnaire on the front of the Department of Medical Imaging Request Form. Urgent Scans require discussion with the Duty Radiologist, Level 3 NHB. Images and reports from MRI procedures are archived to the PACS system, and can be viewed throughout the hospital on PC's via the Web1000.