



Procedure Information Sheet Magnetic Resonance Imaging

Visit No.: Dept.:
Name: Sex/Age:
Doc. No.: Adm. Date:
Attn. Dr.:
Patient No.: PN

Page No:

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+10	+20	+30	+40	+50	+60	+70	+80	+90

*Please fill in /
affix patient's label*

Introduction

Magnetic Resonance Imaging is a safe, accurate, non-invasive and painless imaging modality. It utilizes a strong magnetic field, radio-frequencies, and state of the art computer technology to produce excellent images of the human body.

Before Examination

1. Unless otherwise specified in the appointment sheet, you can eat, drink and take drugs prescribed by your doctor as usual, except abdominal exam.
2. Eye make-up should be avoided.
3. Please inform our staff if you have the following items and conditions because they are potentially hazardous and may interfere with the MRI examinations by producing artifacts.
 - a) You have implants or foreign bodies inside your body such as:

- Internal shunt	- Cochlear implants
- Cardiac pacemaker	- Dentures
- Prosthetic heart valve	- Intravascular coils, filters and stents
- Surgical clips	- Metallic foreign bodies
- Insulin pump	- Intrauterine contraceptive device
- Hearing aid	- Orthopaedic devices (e.g. pins, nails, screws)
 - b) You are now or used to be a metal worker.
 - c) You have been injured by metallic foreign body (e.g. bullet, shrapnel).
 - d) You have been injured in the eye by a metallic foreign body.
 - e) You have tattoo or permanent eye-lining.
 - f) You are pregnant or suspect that you are pregnant.
4. You have to remove from your body any loose ferromagnetic items, metallic objects (e.g. glasses, wristwatch, necklace, safety-pin, hair-slide), and items which may be damaged by the magnetic field (e.g. credit cards, Octopus card) prior to entering the magnet room. A locker will be provided for you to secure your personal belongings.
5. Pregnant woman should avoid taking MRI examination during the first 3 months of her gestation.



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During Examination

1. The examination time varies from 30 minutes to 2 hours. You are required to keep still during the examination. Therefore, children and infants may have to be sedated by medication.
2. Ear plugs or headphone will be provided to protect you from the noise generated by the machine during the examination.
3. For the sake of safety, an intercom system is installed inside the examination room so that you can communicate with our staff during the examination. In addition, an emergency button or ball which you can hold and press for assistance is also available.
4. In some examinations, magnetic resonance imaging contrast medium will be administered intravenously to you in order to show the pathology more clearly. Contrast medium used is generally safe. Around 2% of patients may have reactions like headache, vomiting and nausea. Rarely, there are reports of severe reaction which may cause deaths with the chance of fatal occurrence about 1:400,000.
5. Rarely, renal failure patients receiving gadolinium contrast as associated with Nephrogenic Systemic Fibrosis (NSF) and deaths have been reported.

After Examination

1. Normally the examination will not cause you any discomfort and you can go back to work as usual after the examination.
2. If you have any question concerning about magnetic resonance imaging examinations, please feel free to ask the staff of the Radiology Department.

References

1. Smart Patient (Website: <http://www21.ha.org.hk>)
2. ACR Manual on Contrast Media (Version 10.3, 2018)
3. SPH Procedures on Magnetic Resonance Imaging (MRI) Safety (Version 3.0, 2018)

I acknowledge that I have understood the above information and was given opportunity to ask questions concerning my procedure.

Name of Patient / Relative

Signature

Relationship (If any)

Date