

磁力共振掃描檢查注意事項

一般資料

磁力共振掃描 (MRI)透過磁場和電磁波產生影像，而非電離輻射。在拍攝軟組織方面，它能產生較高對比度的影像。也就是說，它可以更好地區分脂肪、水、肌肉和其他軟組織。MRI 適用於對大部分身體部位進行成像，尤其擅長神經和骨骼肌肉系統，例如偵測早期中風及檢測關節、肌肉、肌腱和韌帶的問題。

檢查須知

1. 女性病人必須確定沒有懷孕
2. 需接受磁力共振掃描顯影劑病人的預備：
 - i. 如病人曾對含釷顯影劑過敏，請依從指示預服防敏感藥物。
3. 需接受**全身及腹部**檢查，包括**膽胰管磁共振造影術(MRCP)**的病人的預備：
 - i. 請於 6 小時前禁食。
4. 需接受**頭部及臉部**檢查之病人應儘量避免任何臉部化妝。

檢查過程

1. 職員為您進行檢查前篩查，請告訴我們有關您的任何植入物
2. 線圈儀器會放置在您的身體部份上
3. 檢查過程中會產生噪音，您將會被戴上耳機
4. 您須在檢查過程中保持靜止躺平。有需要時，職員會指示您閉氣，最長維持 30 秒
5. 如您於檢查過程中任何時候感到不適，請按緊急按鈕與職員溝通。有需要時檢查會被暫停。
6. 某些檢查需於靜脈注射含釷顯影劑

檢查後的併發症

- 金屬植入物與磁場的相互作用可能會引致植入物移位並產生熱能，對患者造成傷害
- 對含釷顯影劑敏感的症狀包括皮疹，噁心，嘔吐或呼吸急促等症狀（發生率 0.17%至 2.4%）。死亡率僅為 0.0007%（約 1：140,000）。
- 在罕有的情況下，腎衰竭病人在接受含釷顯影劑後，可能會出現系統性腎纖維化病變，有機會導致死亡。

個人物品

7. 請攜帶香港身份證或旅行證件或出生證明，並在接待處登記。
8. 請帶同醫生的轉介信 / 檢查表格。
9. 如有相關的**影像舊片及/或光碟**請一併帶同。

備註

1. 請於檢查前 30 分鐘抵達診所。
2. 如欲取消預約或改期，請儘早致電通知本診所。
3. 若於家中出現注射後併發症，請於辦公時間內致電 2153 9347。如併發症出現在辦公時間外，請向急症部門求助。

INSTRUCTION FOR MRI

General Information

Magnetic Resonance Imaging (MRI) produces images through strong magnetic fields and resonant magnetic excitation pulse without exposing the body to ionizing radiation. It provides images with high soft-tissue contrast. In other words, it can better distinguish fat, water, muscle, and other soft tissues. MRI is suitable for imaging most of the body parts, especially excels at nervous and skeletomuscular systems, such as depicting early stroke detecting problems in joints, muscles, tendons and ligaments

Preparation

1. Female patient should not be pregnant.
2. Additional patient preparation when intravenous contrast medium for MRI scan is needed:
 - i. If you have previous reaction to gadolinium-based contrast medium, you may need to follow the instruction for steroid cover before MRI scan.
3. Patient preparation for **Full body & Abdominal MRI** including **MR Cholangiopancreatography (MRCP)**:
 - i. Fast for 6 hours before your appointment time.
4. Patient attending MR scan of head and facial regions should avoid any facial make up.

Procedure

1. Please tell us if you have any implants or foreign bodies during the MRI screening
2. Coils will be placed on or around your examination body parts
3. Noise will be generated during the scan. You will be provided with headphones
4. During the scan, you are required to lie still. Depending on the body part that is being examined, you may be instructed to hold your breath for up to 30 seconds
5. If you experience any discomfort at any point during the scan, please press the alarm button to alert our radiographer. Exam will be paused if needed
6. In some exams, gadolinium-based contrast will be administered intravenously into your body
- 7.

Potential Complications

- Metal implant interaction with the static magnetic field could possibly produce heat and movement, causing harm to the patients
- Allergic reactions to gadolinium include rash, nausea, vomiting or shortness of breath (incident rate 0.17% to 2.4%). The death rate is 0.0007% (around 1:140,000)
- Rarely, patients with kidney failure, who are receiving gadolinium contrast, are associated with nephrogenic systemic fibrosis/ nephrogenic fibrosing dermopathy which may result in death

Personal Belongings

1. Hong Kong ID card / travel document.
2. Please bring with you the request form and/or referral letter.
3. Please bring **old films / CD/DVD** for comparison if available.

Remarks

1. Please arrive 30 minutes before. For cancellation or re-scheduling of the appointment, please notify us before at your earliest convenience
2. Please contact us during our office hour at 2153 9347 if any complication concerning the injection arises at home. If it happens outside office hours, please seek medical advice from accident and emergency department