



## MRI scans for Patients with MRI-conditional Devices

Available at - North Shore Radiology & Nuclear Medicine,  
North Shore Private Hospital

*Affix Patient Label here*

Access to MRI scanning for patients with MRI conditional devices is limited in Australia. At North Shore Radiology and Nuclear Medicine, we have the expertise to scan patients with implanted MRI-conditional devices. Our experienced radiographers and radiologists work with device manufacturers' technicians, to make your scan as safe as possible. We comply with stringent scanning guidelines and parameters in accordance with manufacturers' recommendations.

Examples of devices that traditionally have been contra-indicated to MRI exam, but may now be MRI 'compatible' (under certain controlled conditions) include:

- Cardiac Pacemakers
- Neuro-stimulators
- Cardiac Defibrillators
- Cochlear Implants

Conditions that need to be controlled include:

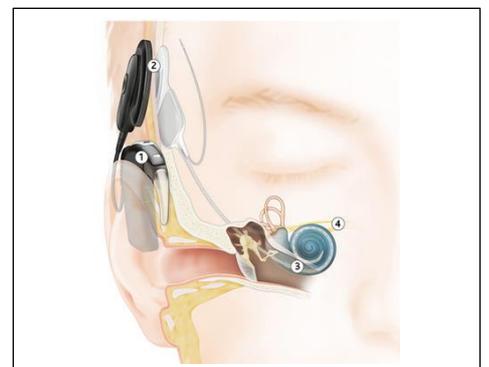
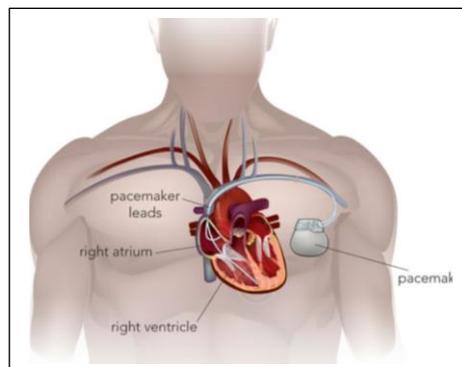
- Adjustment of device before and after the MRI scan
- Field strength, usually 1.5T
- Type of sequences
- Power of the sequences
- Length of imaging time

In order to comply with the manufacturers' specific requirements, it is very important that we have exact information about your device, including any associated leads or attached equipment. When scanning many devices, we have a manufacturer's representative on-site to adjust your device before and after the examination. As bookings need to be coordinated with these representatives, appointment times are limited.

Most MRI-conditional devices are required to be scanned on a 1.5T (rather than 3T) scanner. Therefore, you will be scanned on our non-Medicare rebated Siemens Aera 1.5 Tesla MRI scanner. The time required for your scan will be longer than for a routine MRI, as there are extra procedures and checks before and after the scan and specific sequences may take longer. As a consequence, these special MRI scans incur a greater charge than routine scans.



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*(Image courtesy of Cochlear Limited)*

**"Your diagnosis and safety are extremely important to us. Due to logistical and technical complexity of these cases, the cost may not be covered by Medicare or by your health fund."**

I have read and understood the information above and consent to the cost quoted for this special device service.

\_\_\_\_\_  
Patient Signature

\_\_\_\_\_  
Date