

## Common Tests

### Common MRI Tests include:

- **MRI Spine** - These include cervical spine (neck) and lumbar spine. Occasionally, a contrast dye (gadolinium) may be required and will be administered through a small needle (intravenous cannula) that will be placed in your arm.
- **MRI Brain, Skull Base or Nasopharynx** - Provides high resolution images of the brain and/or cranial nerve distributions through your face and neck. Occasionally, a contrast dye (gadolinium) may be required and will be administered through a small needle (intravenous cannula) that will be placed in your arm.
- **MRI Musculoskeletal (Arthrogram)** - This is an injection of contrast dye into a joint to allow better visualisation of internal joint structures.
- **MRI Liver/MRCP** - MRI of the liver is a noninvasive examination that obtains high resolution images of the Liver and surrounding structures.
- **MR Enterography** - MRI Enterography is an examination that takes images of the small bowel.
- **MRI Prostate** - MRI of the prostate is a non-invasive examination that obtains high resolution images to assess the prostate gland.
- **MRI Pelvis** - These scans can include the rectum, anal fistula and urethral diverticula.
- **MRI Female Pelvis** - A non-invasive examination that obtains high resolution images of the internal structures of the female pelvis (Gynecological).
- **MRI Cardiac** - A non-invasive procedure that obtains structural and functional images of the heart and surrounding vessels.
- **MRI Breast** - Studies may be done for Screening for Breast Cancer, Breast Cancer Staging, Breast Implant assessments or Biopsies.

## Locations and Contact Details

### CENTRAL CLINICS

**St Andrew's Hospital** ✓  
Phone: 08 8402 4402  
Fax: 08 8402 4430

**Calvary Wakefield Hospital** ✓  
Phone: 08 8306 5612  
Fax: 08 8306 5623

**Burnside**  
Phone: 08 8403 3100  
Fax: 08 8403 3120

**Kurralta Park** ✓  
Phone: 1300 43 55 66  
Fax: 08 8193 9550

**Stepney (SPORTSMED)**  
Phone: 08 8309 2209  
Fax: 08 8309 2223

**SAHMRI - Opening Late 2016**  
Phone: 08 8470 6750 ✓  
Fax: 08 8470 6755

### NORTHERN CLINICS

**Modbury** ✓  
Phone: 08 8397 5800  
Fax: 08 8397 5811

**Munno Para (Blakeview)**  
Phone: 08 8307 9700  
Fax: 08 8307 9709

**Prospect**  
Phone: 08 8309 4130  
Fax: 08 8309 4142

### HILLS CLINICS

**Mt. Barker District Hospital**  
Phone: 1800 766 433  
Fax: 08 8188 7729

**Mt. Barker Central** ✓  
Phone: 1800 766 433  
Fax: 08 8188 7713

### SOUTHERN CLINICS

**Noarlunga Hospital**  
Phone: 08 8307 3400  
Fax: 08 8307 3420

**Seaford Meadows**  
Phone: 1800 373 982  
Fax: 08 8307 3420

**Southern Specialist Centre** ✓  
Phone: 08 8307 3450  
Fax: 08 8307 3460

### COUNTRY CLINICS

**Alice Springs Hospital** ✓  
Phone: 08 8951 7870  
Fax: 08 8953 4300

**Goolwa**  
Phone: 1800 693 126  
Fax: 08 555 6110

**Port Augusta Hospital**  
Phone: 08 8642 5322  
Fax: 08 8642 6255

**Port Lincoln Hospital**  
Phone: 08 8683 2227  
Fax: 08 8683 2090

**Port Pirie Hospital**  
Phone: 08 8638 4519  
Fax: 08 8638 4368

**Victor Harbor**  
Phone: 08 8552 0590  
Fax: 08 8552 0597

**Walleroo District Hospital**  
Phone: 08 8823 0235  
Fax: 08 8823 0232

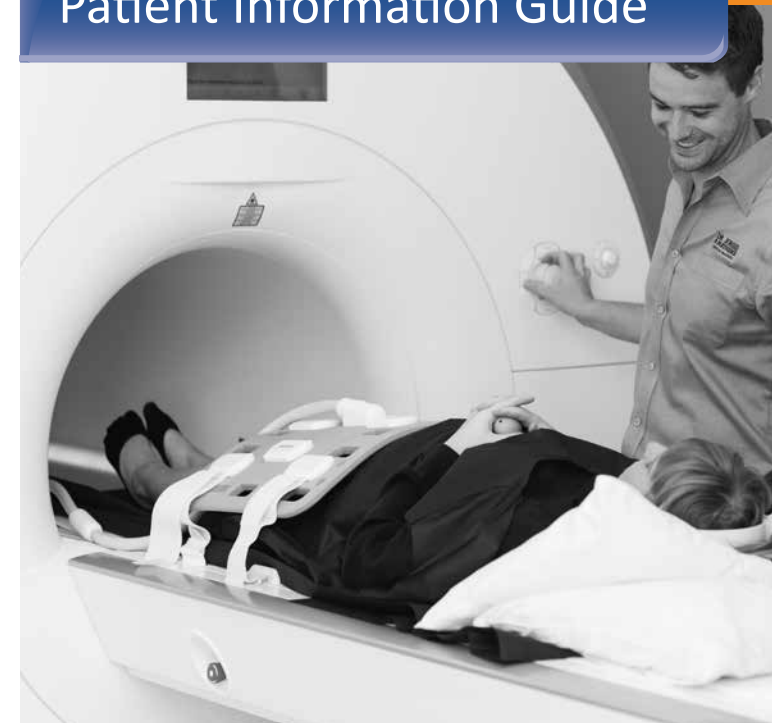
**Whyalla Hospital** ✓  
Phone: 08 8645 5486  
Fax: 08 8645 5584

✓ MRI available at these clinics

**DR JONES  
& PARTNERS**  
MEDICAL IMAGING

X-Ray  
CT  
Ultrasound  
**MRI**  
Dental  
Mammography  
Bone Densitometry  
Nuclear Medicine  
PET

## Patient Information Guide



## What is an MRI Scan?

Magnetic Resonance Imaging (MRI) uses a very powerful magnet and radiofrequency pulses to obtain high resolution images of the body eg. bones, muscles, ligaments, nerves, brain tissue, spine, heart and pelvic organs.

Dr Jones & Partners invests in the latest 3T and 1.5T wide bore MRI systems ensuring we stay at the forefront of MRI technology and you receive the high standard of imaging services you expect.

Dr Jones & Partners have a large fleet of MRI scanners, but depending on if you have been referred by a GP or a specialist and what the test is, only certain scanners will be available due to Medicare licensing.



## How do I prepare for an MRI?

In general no special preparation is required for an MRI examination. Some MRI examinations require you to fast prior. You will be instructed at the time of booking if this will be required.

When you arrive for your examination, you will be asked to fill out an MRI safety questionnaire. This provides further assurances that you do not have implanted objects that are contraindicated and you are safe to undergo the procedure. There will also be questions regarding your clinical symptoms, providing additional information to the Radiologists, ensuring a more thorough and accurate report.

### Contraindications

Many implants are contraindicated for undergoing MRI or they must be imaged under very specific conditions. When you book in for an MRI examination, our trained clerical staff will ask you a series of questions to ascertain your compatibility to undergo an MRI.

You will be asked if you have had any previous surgery on your Head/Brain, Heart, Eyes or Ears. They will also ask if you have ever had a metal perforation injury to your eyes (if so, you may be asked to come in for an orbital x-ray prior to your scan).

Implants that are contraindicated or must be scanned under specific conditions are:

- Pace Maker
- Neurostimulator
- Aneurysm Clips
- Defibrillator
- Cochlear Implant
- Metallic foreign bodies (eyes or body)
- Vascular stents or clips
- Stapes implants
- Ocular implant

If you have any of the above implants in situ, please contact our MRI department so we can investigate the implant and see if it is compatible prior to your appointment.

If you have a joint replacement or orthopaedic screws, you can undergo an MRI scan (however there can be some image distortion). Our clerical staff may direct you to specific scanners to ensure the best results for your examination can be obtained.

## What happens during an MRI?

Prior to entering the MRI scanner, you will be instructed to change into an examination gown. This is done for safety purposes and to ensure your clothing does not have any detrimental effects on image and diagnostic quality.

You will be asked to lie on the scanning table and a special coil/antenna will be placed over the body part being examined. MRI scanners can be quite loud making a knocking sound like a jack hammer while the images are being acquired. You will be provided with earplugs or headphones playing music to reduce the impact of the noise. Constant communication will be maintained during the examination, however, if you need to contact the technologist, you will be provided with a buzzer to raise their attention.

The average MRI examination can last 15-60 minutes depending on the procedure you are having.

## Are there any risks/side effects of having an MRI?

To date, there are no known biological side effects/risks to having an MRI. It is quite common to experience localised warming (region being scanned) during the exam. The MRI environment is extremely safe provided all safety precautions are followed. Please ensure you fill out the MRI safety questionnaire accurately and inform Dr Jones & Partners staff of any implanted devices you may have in situ.

