

PATIENT INFORMATION SHEET

PROSTATE MRI

With 32 Australian men diagnosed daily, and 3,300 lives lost each year to prostate disease, San Radiology is leading in the provision of advanced diagnostic imaging techniques to care for our patients.

With close collaboration between our highly trained Urologists and Radiologists, the installation of new state-of-the-art equipment and ongoing collaboration with world experts, San Radiology offers a high quality and patient-focused prostate imaging service.

What is a Prostate MRI?

Magnetic resonance imaging (MRI) is a non-invasive medical test that doctors use to diagnose and treat medical conditions.

MRI uses a powerful magnetic field, radio frequency pulses and a computer to create an image (or picture) of the prostate and its surrounding tissues. The examination requires the patient to lie still on the MRI machine table for approximately 30 minutes whilst different sequences are acquired. The images acquired are interpreted by a Radiologist with subspecialty training in prostate and body imaging.

Recent research and clinical trials suggest that MRI is very sensitive (90+%) in detecting significant prostate cancers.

Why would my doctor refer me to have this procedure?

The MRI scan can help find a cancer of the prostate gland, especially if you have elevated or rising PSA. Your doctor might request an MRI of the prostate gland for a number of reasons:

1. For the early detection of prostate cancer

Increasing PSA levels and/or a suspicious digital rectal examination may raise concern for prostate cancer and MRI has a major role in confirming or excluding malignancy.

2. To assess the location and aggressiveness of prostate cancer

This is important in guiding biopsies and selecting the method of treatment (surgery vs. non-surgery / active surveillance).

3. For surgical and radiotherapy planning

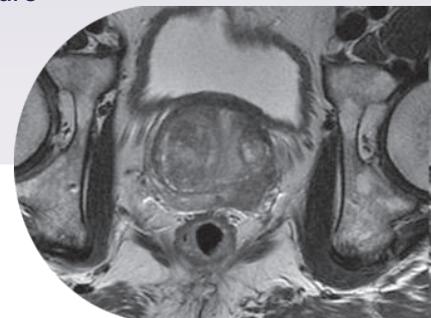
4. For monitoring prostate cancer after treatment or biopsy

This may involve looking for recurrence after radiotherapy treatment or surgery, or active monitoring following diagnosis of a low grade cancer that did not require treatment previously.

MRI is generally requested because it provides more detailed images of the prostate gland than other imaging tests, such as CT and Ultrasound.

Why Choose San Radiology?

- San Radiology is officially recognised as a Centre of Excellence for Prostate MRI Imaging, working collaboratively with the Radboud University Nijmegen Medical Centre in the Netherlands. San Radiology is the first Imaging Provider in New South Wales to be awarded this status through international collaboration.
- Professor Jelle Barentsz, a world-renowned expert in prostate MRI, is working with the San Radiology team to deliver a world-class prostate MRI service to our patients. This service includes the option to have prostate MRI examinations double read by our Netherlands-based colleagues to assist diagnosis and management decisions.
- San Radiology has a dedicated and experienced team of Radiologists, under the leadership of Dr. Andy Stuart, who are involved in reporting all Prostate MRI examinations as well as an experienced team of MRI Radiographers who have undertaken extensive training in MRI specific to the prostate.



More Information
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