

Prostate MRI

*for a clearer picture
of your health.*

RIS
RADIOLOGY AND IMAGING SPECIALISTS

at 
Lakeland Regional Health

PROSTATE MRI

A SUPERIOR TOOL FOR THE DETECTION AND ASSESSMENT OF PROSTATE CANCER.

It is not uncommon for patients at an elevated risk for prostate cancer to experience repeated, negative biopsies. However, there are many instances where the patient actually does have life-threatening prostate cancer—the biopsy is simply missing it. In other cases, men with slow-growing and/or relatively harmless cancers are over-treated, which can cause debilitating side-effects with no improvement in survival.

A new tool has emerged to provide better detection and assessment of suspected prostate cancer. Known as prostate MRI, this test can help you and your doctor better understand your risk, and help contribute to more targeted and effective treatment of the disease.

A prostate MRI can
help contribute to
more targeted
and **effective**
treatment
of the disease.

The test is safe,
accurate and
painless.





“Prostate cancer has both aggressive and harmless forms. Our current biopsy test can be inaccurate because the tissue samples are taken at random. This means it cannot confirm whether a cancer is aggressive or not and can miss aggressive cancers that are actually there.”

Dr. Hashim Ahmed,
University College of London

THE CHALLENGES OF TRADITIONAL ASSESSMENT

In the past, the standard approach for prostate cancer detection was to conduct PSA screening, and when the screening showed elevated PSA levels, a transrectal ultrasonography (TRUS)-guided biopsy was recommended. Unfortunately, this approach has been shown to have low sensitivity and provides limited information about the true extent and aggressiveness of the cancer.

During a biopsy, only a small amount of the prostate gland is sampled. This means that tumors can be easily missed. Because of this, prostate cancer continues to be a leading cause of death in men, equivalent in death rate and financial impact to breast cancer in women.

THE ADVANTAGES OF PROSTATE MRI

MRI allows doctors to better visualize the entire prostate gland. This can help to rule out the need for a biopsy, or if one is needed, it can ensure that biopsies are taken from the most suspicious areas—and not just randomly.

The advanced 3T MRI system used at RIS provides superior detail for prostate imaging, and is capable of detecting even the tiniest of abnormalities. This, combined with our doctors' expertise in interpreting prostate MRI exams, means that we can detect subtle cancers and more accurately determine the aggressiveness and stage of the disease.

The test is safe, accurate and painless, and has been shown to identify cancer in more than 50% of men whose initial biopsy was negative.



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IS PROSTATE MRI RIGHT FOR ME?

Prostate MRI is recommended if you have:

- Elevated PSA levels with a negative biopsy.
- Low grade cancer that is on active surveillance. This test can exclude the possibility of underlying higher grade cancer.
- Been treated for prostate cancer with surgery or radiation in the past but may have suspicious reoccurrence.

If you are at risk for prostate cancer, prostate MRI may provide the “missing piece” of information needed to catch aggressive cancers early and avoid unnecessary treatment of cancers that pose little to no health risk.

***For more information,
talk to your doctor or call
(863) 688-2334.***

risimaging.com





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