

WHY PROSTATE MRI?

With 50,000 new cases annually, prostate cancer is the most frequent malignant tumour in men. In many cases, it cannot be ruled out simply by digital rectal examination or ultrasound examination by a urologist.

Magnet Resonance Imaging (MRI) is currently the best imaging method for depicting the prostate and provides important information about the exact location and spread of a tumour in a non-invasive procedure. MRI creates a kind of map of the prostate: in this manner suspicious areas can be identified before a planned biopsy (tissue sample), and the probability of finding the tumour increases significantly as well. The images can also be used to perform an innovative computer-aided biopsy (so-called fusion biopsy).

If a tumour has been detected, MRI can provide valuable information for further treatment planning: whether, for example, surgery or radiation therapy is more appropriate or whether it is possible to wait and see (so-called active surveillance). For not every tumour grows aggressively. Since magnetic resonance imaging does not require any X-rays, it is also ideally suited to further monitoring in the case of unclear findings.

We use our lead in experience and technology for the benefit of your health every day.

EXPERIENCE AND EXPERTISE IN PROSTATE DIAGNOSTICS

PROSTATE SCREENING



DIE RADIOLOGIE

INDIVIDUELLE DIAGNOSTIK

DIE RADIOLOGIE (CENTRE FOR RADIOLOGY)
AT 14 LOCATIONS IN AND AROUND MUNICH

MAIN SURGERY:

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WE PERFORM PROSTATE MRI AT THE FOLLOWING LOCATIONS:

MRT Lucile-Grahn-Straße

Lucile-Grahn-Straße 36a | 81675 Munich | Germany

Sonnenstraße

Sonnenstraße 17 | 80331 Munich | Germany

Schwabing

Leopoldstraße 82 | 80802 Munich | Germany

DIE RADIOLOGIE Starnberg

Berger Straße 8-10 | 82319 Starnberg / Percha | Germany

For detailed information, please visit our website:
www.die-radiologie.de



PROSTATE SCREENING

SAFE AND COMFORTABLE
WITH MRI

INCREASED
CLARITY IN
CASE OF HIGH
PSA LEVELS

WWW.DIE-RADIOLOGIE.DE

MULTIPARAMETRIC PROSTATE MRI



TOTAL DURATION OF THE EXAMINATION:
25 MINUTES



APPROX. 80% DIAGNOSTIC CERTAINTY

MRT

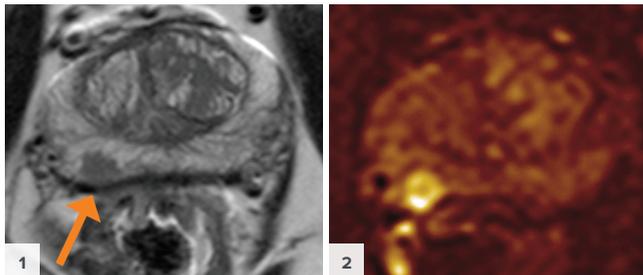
TECHNOLOGY WITH NO X-RAY EXPOSURE

An MRI examination of the prostate consists of several components. The individual measurements are performed in direct succession and are pain-free. This multiparametric imaging is a combination of high-resolution imaging with functional examinations, diffusion imaging and MR perfusion. It improves accuracy decisively – prostate cancer can thus be detected with a certainty of about 80%.

How is the examination performed?

The examination is performed in a 3 Tesla high field MRI scanner – while you are lying comfortably on your back. Insertion of a special coil into the rectum is no longer necessary thanks to this modern technology, since the high field MRI scanner provides very precise images which even show small, often not palpable tumours. The examination itself takes approx. 25 minutes.

High diagnostic certainty thanks to outstanding image quality in the 3.0T high field MRI scanner



THE BENEFITS OF PROSTATE MRI



VERY HIGH IMAGE QUALITY



GENTLE EXAMINATION WITHOUT ENDORECTAL COIL

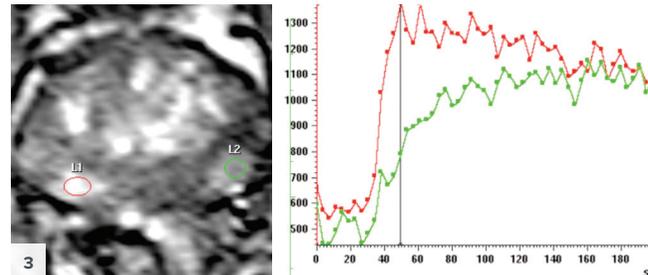


INCREASED CLARITY IN THE CASE OF HIGH PSA LEVELS

- Multiparametric examination
- Greater clarity in the case of high PSA levels
- Precise information for your urologist for biopsy planning (instead of blind biopsy), treatment planning, monitoring during active surveillance
- Risk-free examination – with no X-ray exposure
- Gentle examination without endorectal coil
- Diagnosis and second opinion by an experienced team of experts

What preparation is necessary?

Special preparation is not required. However, you should drink as little as possible and avoid tea and coffee before the examination so as not to strain the urinary bladder. Please bring previous findings, laboratory values (PSA, creatinine), etc. with you. Important: any previous prostate biopsy should have taken place at least 6 weeks prior to examination otherwise it could distort the result.



WHO COVERS THE COST OF SCREENING EXAMINATIONS?



GENERALLY COVERED BY PRIVATE HEALTH INSURANCE PROVIDERS

Private health insurance providers in Germany usually reimburse the full costs of prostate MRI. Cost coverage is currently not provided by compulsory health insurance funds – in this case the examination is performed as a so-called self-payer service.

We will also be happy to advise you over the telephone:

+49 . 89 . 550 596-0

Greater diagnostic certainty thanks to multiparametric imaging

- 1 High-resolution imaging of the prostate in 3-Tesla high field MRI (arrow: small prostate carcinoma)
- 2 Depiction of cell density in diffusion imaging
- 3 Depiction of tissue perfusion: MR perfusion