

COMPREHENSIVE CLARIFICATION DIAGNOSTICS FROM A SINGLE SOURCE

Supplementary examinations/biopsies

In the case of ambiguous findings, we will offer to perform a punch biopsy (tissue removal guided by ultrasound) or vacuum biopsy (for micro calcifications; tissue removal guided by X-ray) in one of our surgeries for pathological tissue analysis. Thus major surgical procedures are no longer required as part of diagnostics.

Highest quality standards for your safety

All our breast specialists have many years of experience in breast diagnostics. As part of the screening programme, DIE RADIOLOGIE performs diagnostic procedures for Screeningeinheit München Nord (North Munich Screening Unit). Dr. Thomas Hilbertz is the physician in charge of this screening unit.

What you should bring with you to the examination

Previous evaluations are very helpful and important especially for breast examinations. Please bring records of any preliminary examinations carried out elsewhere (mammography, mamma-sonography, MR mammography) with you to the examination appointment. We are also grateful for written reports of any preliminary findings.

EXPERIENCE, EXPERTISE AND EMPATHY IN BREAST DIAGNOSTICS



DIE RADIOLOGIE
INDIVIDUELLE DIAGNOSTIK

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

MAIN SURGERY:

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E info@die-radiologie.de

WE PERFORM A FULL RANGE OF BREAST DIAGNOSTICS AT THE FOLLOWING LOCATIONS:

MammaZentrum München - Breast Imaging Center
Prinzregentenplatz 13 | 81675 Munich, Germany

MammaZentrum Unterföhring - Breast Imaging Center
FeringasträÙe 10b | 85774 Unterföhring, Germany

MDM MicroDosis Mammographie - Breast Imaging Center
Leopoldstraße 82 | 80802 Munich, Germany

MAMMA-MRI IS ALSO AVAILABLE AT OUR LOCATION IN:

DIE RADIOLOGIE Starnberg (Starnberg Centre for Radiology)
Berger Straße 8-10 | 82319 Starnberg/Percha, Germany

For detailed information, go to: www.die-radiologie.de

BREAST DIAGNOSTICS

EARLY DIAGNOSIS USING MODERN BREAST DIAGNOSTICS



**COMPREHENSIVE
DIAGNOSTICS FROM
A SINGLE SOURCE**



**IMPROVED
EARLY DIAGNOSIS**



**EXPERIENCED
EXPERTS**

Early diagnosis of breast cancer can save lives

Statistically speaking, every eighth woman in Germany develops breast cancer during her lifetime. With about 70,000 new cases annually, it is by far the most frequent type of cancer in women. However, thanks to the greatly improved quality of screening examinations and innovative forms of therapy, the cure rate for breast cancer is over 90%! according to the latest studies. Regular screening examinations by qualified specialists are a prerequisite for this. The earlier breast cancer is diagnosed, the better the chances of complete recovery.

Comprehensive breast diagnostics with the highest quality standards and empathy

With the Breast Imaging Centers MammaZentrum Munich and the MammaZentrum Unterföhring, DIE RADIOLOGIE brings together two of the best renowned centres for breast disease diagnostics in the Munich area. With state-of-the-art digital technology, we perform more than 16,000 mammographies, over 1,000 minimally invasive diagnostic procedures and make 20,000 diagnoses in the mammography screening unit each year. We employ a full range of diagnostics from digital full-field mammography (optionally with tomosynthesis) to high-resolution ultrasound and magnetic resonance imaging to biopsy.

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

BREAST DIAGNOSTICS

SCREENING WITH CARE
AT OUR CENTRES
FOR MAMMOGRAPHY

WE WILL BE
HAPPY TO
ADVISE YOU

WWW.DIE-RADIOLOGIE.DE

MAMMOGRAPHY



R

TOTAL DURATION OF THE EXAMINATION:
20 MINUTES

7TH-14TH DAY AFTER THE START OF YOUR PERIOD

HIGH-RESOLUTION DIGITAL X-RAY TECHNOLOGY

Method

Mammography is still the most important diagnostic method in early diagnosis (screening) and for clarifying conspicuous changes in the breast. Using state-of-the-art equipment, our specialists create digital images of the highest quality and conclusiveness with a very low dose of radiation. Specially trained and certified medical technical assistants prepare you for the examination with care and understanding.

The best time for the examination

The most favourable time for all examinations of the female breast is between the 7th and 14th day after the start of your period. During this time, the breast is least sensitive to pressure and the examination results are most conclusive.

Is mammography dangerous?

The chances of developing breast cancer from mammography are incredibly low. The natural risk of disease is statistically 8–10% and is increased by a minimal factor of 0.02% when 15 mammographies are carried out (every 2 years from the ages of 40 to 70). The trade off is the benefit of detecting breast cancer in its earliest stages and being able to treat it accordingly. The WHO unreservedly recommends this early diagnosis method for the age group from 40 to 70 years.

DIGITAL BREAST TOMOSYNTHESIS: INNOVATIVE BREAST CANCER DIAGNOSTICS



R

DOSE-EFFICIENT, INNOVATIVE PROCEDURE

TOTAL DURATION OF THE EXAMINATION:
20 MINUTES

TOMOGRAPHY WITH DIGITAL X-RAY TECHNOLOGY

Method

Tomosynthesis is a further development of conventional mammography. The X-ray tube moves in an arc around the breast whilst several images are taken with a very low radiation dose (only slightly higher radiation exposure than in conventional mammography). In addition to a conventional mammography image, a summation image is calculated from up to 80 projection images.

Benefits of tomosynthesis

The risk of overlooking small cancers due to overlapping with other structures in the breast is distinctly decreased by calculating several stratified pictures. In a large study, it was possible to reduce this figure from 16% to 3%. Thus the breast cancer detection rate increases from 5/1000 to approx. 8/1000 on average. That means over 50% more breast cancer cases are diagnosed at an early stage.

Who is this technology suitable for?

Basically, all women can benefit from this technology. The benefits are greatest with medium and high gland tissue density. Significant improvements in cancer detection rates have, however, also been found in women with low or very high breast density. Our physicians will be happy to advise you individually about this innovative technology before beginning the examination. Please feel free to contact us.

ULTRASOUND EXAMINATION OF THE BREAST



US

TOTAL DURATION OF THE EXAMINATION:
15 MINUTES

PROGRESS IN HIGH-RESOLUTION IMAGING

ULTRASOUND/ SONOGRAPHY TECHNOLOGY

Method

Mamma-sonography is used as a supplementary mammography procedure especially for very radiopaque tissue or specifically in the case of unclear lesions in the mammogram. Palpatory findings can also be specifically examined.

It is THE method of choice for initial clarification of conspicuous findings in young women (< 35 years).

Time of examination

The most favourable time for this examination of the female breast is also between the 7th and 14th day after the start of your period.



MAGNETIC RESONANCE IMAGING OF THE BREAST (MR MAMMOGRAPHY)



MR

TOTAL DURATION OF THE EXAMINATION:
20 MINUTES

7TH-14TH DAY AFTER THE START OF YOUR PERIOD

MAGNETIC RESONANCE IMAGING TECHNOLOGY

Method

MR mammography is a supplementary imaging procedure. The examination is performed in a comfortable prone position. During the examination, a well tolerated gadolinium contrast agent is administered through a vein in the hand or underarm. Thanks to the contrast agent, perfusion and contrast agent uptake of breast tissue can be observed over the course of several minutes and analysed with the aid of appropriate software afterwards. This method is radiation-free and harmless. The total duration of the examination is approx. 20 minutes.

Indications are:

- Further assessment of unclear findings prior to surgery (local staging)
- Follow-up care after breast-preserving therapy or surgery
- Tumour screening after implant surgery
- Screening in high-risk patients (e.g. BRCA 1/2 gene-positive patients)
- For the clarification of ambiguous findings

Comprehensive breast diagnostics with the highest quality standards and level of empathy