



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Interdisciplinary Breast Center (IBZ) at Frauenklinik Rdl Technische Universitaet Muenchen - Muenchen, Germany

General Information



New breast cancer cases treated per year **409**

Breast multidisciplinary team members **16**

Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and nurses

Clinical Director: **Stefan Paepke**

The Interdisciplinary Breast Centre of the Technical University of Munich was founded in May 2006 by the Department of Obstetrics and Gynaecology together with the Departments of Radiology and Breast Imaging, Hemato-/Oncology, Pathology, Nuclear Medicine, Psycho-Oncology, Plastic Surgery, and Radiotherapy. IBZ was certified according to the German Senology and Cancer Societies (DKG/DGS) and ISO 9000:2001 in May 2006 and obtained its EUSOMA accreditation in June 2007. Daily breast clinics ensure rapid diagnosis and further treatment planning. All patient information as well as tumor board consensus statements are entered into a database and are available for online analysis. Benchmarking is performed by the German Cancer Society together with 237 certified German breast centres. Moreover, our data is also entered into the Munich Cancer Registry. The initial certification as well as yearly audits have rendered the clinical processes at IBZ more transparent and lead to improvements. In addition to medical excellence and clinical research, IBZ places a strong emphasis on patient care with two breast nurses and counselling by a breast cancer survivor.

Interdisciplinary Breast Center (IBZ) at Frauenklinik Rdl Technische Universitaet Muenchen

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CERTIFICATION(S) ACCREDITATION(S)

BCCERT - Breast Centres Certification

Expiration date: 03 October 2018



This Centre has notified to be certified and, as such, been requested to upload the certification document for further information. When the certification document/s is/are provided, it is/they are made available hereafter.

Deutsche Krebsgesellschaft

Expiration date: 05 September 2018



This Centre has notified to be certified and, as such, been requested to upload the certification document for further information. When the certification document/s is/are provided, it is/they are made available hereafter.

Available services

- ✓ Radiology
- ✓ Breast Surgery
- ✓ Reconstructive/Plastic Surgery
- ✓ Pathology
- ✓ Medical Oncology
- ✓ Radiotherapy

- ✓ Nuclear Medicine
- ✓ Rehabilitation
- ✓ Genetic Counselling
- ✓ Data Management
- ✓ Psycho-oncology
- ✓ Breast Nurses

- ✓ Social Workers
- ✓ Nutritional Counselling
- ✓ Survivorship Groups
- ✓ Sexual Health Counselling
- ✓ Supportive and Palliative Care
- ✓ Integrative Medicine

Radiology

- ✓ **Dedicated Radiologists** 3
- ✓ **Mammograms per year** 2601
- ✓ **Breast radiographers**
- ✓ **Screening program**
- ✓ **Verification for non-palpable breast lesions on specimen**
- ✓ **Axillary US/US-guided FNAB**
- ✓ **Clinical Research**

Available imaging equipment

- ✓ Mammography
- ✓ Ultrasound
- ✓ Magnetic Resonance Imaging (MRI)
- ✓ CESM

Available work-up imaging equipment

- ✓ Computer Tomography
- ✓ Ultrasound
- ✓ Magnetic Resonance Imaging (MRI)
- ✓ PET/CT scan

Primary technique for localizing non-palpable lesions

- ✓ Hook-wire (or needle localization)
- Charcoal marking/tattooing
- ROLL: radio-guided occult lesion localization

Available breast tissue sampling equipment

- ✓ Stereotactic Biopsy (Mammography guided)
 - ✓ Core Biopsy (Tru-cut)
 - ✓ Vacuum assisted biopsy
- ✓ Ultrasound-guided biopsy
 - ✓ Fine-needle aspiration biopsy (FNAB, cytology)
 - ✓ Core Biopsy
 - ✓ Vacuum assisted biopsy
- ✓ MRI-guided biopsy
 - ✓ Core Biopsy
 - ✓ Vacuum assisted biopsy

Breast Surgery

- ✓ **New operated cases per year (benign and malignant)** 493
- ✓ **Dedicated Breast Surgeons** 5
- ✓ **Surgeons with more than 50 surgeries per year** 3
- ✓ **Breast Surgery beds** 24
- ✓ **Breast Nurse specialists** 3
- ✓ **Outpatient surgery**
- ✓ **Intra-operative evaluation of sentinel node**
- ✓ **Reconstruction performed by Breast Surgeons**
- ✓ **Clinical Research**

Primary technique for staging the axilla

- Axillary lymph node dissection
- ✓ Sentinel lymph node biopsy:
 - Blue dye technique
 - Radio-tracer technique
 - ✓ Blue dye + Radio-tracer
- Axillary sampling

Reconstructive/Plastic Surgery

- Reconstructive/Plastic surgeons** 3
- Immediate Reconstruction available**

Type of breast reconstructive surgery available

- Remodelling after breast-conserving surgery
- Reconstruction after mastectomy:
 - Two-stage reconstruction (tissue expander followed by implant)
 - One-stage reconstruction
 - Autogenous tissue flap
 - Latissimus dorsi flap
 - Transverse rectus abdominis (TRAM)
 - Free-flaps (free TRAM, DIEP, SIEA, gluteal, etc.)
- Surgery on the contralateral breast for symmetry

Pathology

- Dedicated Breast Pathologists** 2

Available studies

- Cytology
- Haematoxylin & eosin section (H&E)
 - Surgical specimen
 - Sentinel node
 - Core biopsy
- Frozen section (FS)
 - Surgical specimen
 - Sentinel node
- Immunohistochemistry stain (IHC)
 - Estrogen receptors
 - Progesterone receptors
 - HER-2
 - Ki-67

Other special studies available

- Fluorescence in-situ Hybridization for HER-2 gene (FISH)
- Oncotype Dx (21-gene assay)
- MammaPrint (70-gene microarray)
- Prediction Analysis of Microarray 50-gene set (PAM 50)
- Endopredict

Parameters included in the final pathology report

- Pathology stage (pT and pN)
- Tumour size (invasive component in mm)
- Histologic type
- Tumor grade
- ER/PR receptor status
- HER-2/neu receptor status
- Peritumoural/Lymphovascular invasion
- Margin status

Medical Oncology

- Dedicated Breast Medical Oncologists** 2
- Outpatient systemic therapy**
- Clinical Research**

Radiotherapy

Dedicated Radiation Oncologists

Clinical Research

Available techniques after breast-conserving surgery (including experimental)

Whole-Breast RT (WBRT)

Partial breast irradiation (PBI):

External beam PBI

Interstitial brachytherapy

Targeted brachytherapy (MammoSite, SAVI applicator, other devices)

Intra-operative RT (IORT)

Multidisciplinary Meeting (MDM) / Tumour Board (TB)

Regular MDM/TB for case management discussion

Twice a week

Weekly

Every two weeks

Other Schedule

Cases discussed at MDM/TB

Preoperative cases

Postoperative cases

Specialties/services participating in MDM/TB

Radiology

Breast Surgery

Reconstructive/Plastic Surgery

Pathology

Medical Oncology

Radiotherapy

Genetic Counselling

Breast Nurse Service

Psycho-oncology

Study Nurses

Further Services and Facilities

Nuclear Medicine

Lymphoscintigraphy

Bone scan

Positron Emission Tomography (PET)

PET/CT scan

Rehabilitation

Prosthesis service

Physiotherapy

Lymph-oedema treatment

Complementary Tumor Treatment

Genetic Counselling

Specialist Providing Genetic Counselling/Risk assessment service:

Dedicated Clinical Geneticist

Medical Oncologist

Breast Surgeon

General Surgeon

Gynaecologist

Genetic Testing available

Surveillance program for high-risk women

Data Management

Database used for clinical information

Data manager available

Contact details

Clinical Director

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Radiology

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Radiotherapy

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How to reach us



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From airport:

Franz-Josef-Strauss Airport is located about 30 km outside the city of Munich. To get to the hospital from the airport, follow the signs in the main terminal to S-Bahn (alternative: taxi, cost approximately €50, journey time approx 45 minutes). Before entering the S-Bahn, you have to buy a valid ticket and validate it. Take line S8 towards Munich. It takes about 30 minutes to Ostbahnhof station. Get off there, take the underground line U5 (direction Laimer Platz) to Max-Weber-Platz. From here follow the signs for 'MRI' in Ismaninger Street.

By train:

Follow the signs to subway lines U4 and U5. Before entering the underground area, you have to purchase a valid ticket and validate it. Take the escalator to the platform 'Arbellapark U4 / U5 Neuperlach' and take U4 or U5 to Max-Weber-Platz. From here follow the signs for 'MRI' in Ismaninger Street.

By bus or sub-way/underground:

Bus-stop: Max-Weber-Platz; Bus-lines 91, 191, 192, N 1.

By car:

Old Town Ring (Von-der-Tann-Strasse). Exit: out of town towards Prince Regent Street, turn right into

Interdisciplinary Breast Center (IBZ) at Frauenklinik RdI Technische Universitaet Muenchen

Ismaninger Street. The main entrance is located 300 meters on the left side.

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