



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Breast Center at Gynaecology and Obstetrics - Klinikum St. Georg - Leipzig, Germany

General Information



New breast cancer cases treated per year **250**

Breast multidisciplinary team members **13**

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

Clinical Director: Uwe Köhler, MD

The Breast Center at Klinikum St. Georg was founded in 2001 with the guidelines of EUSOMA as basis. Already since 1998 every year diagnosed and treated a large number of primary cases of breast cancer. Every year we have about 250 newly diagnosed breast cancers and this number is steadily increasing. In our Breast Center all relevant medicine disciplines of diagnostics and therapy are situated in the same hospital. There is a closely connected interdisciplinary cooperation between all the departments, based on guidelines and consensus-references.

Since October 2007 in our region we have arranged the mammography-screening. There is also a close connection between the Center of Mammography-Screening and our Breast Center. Corporately pre- and postoperative case conferences take place weekly. Since June 2011 the intraoperative radiotherapy implemented in our Breast Unit.

Since 2005 the Breast Center has been certificated by the German Cancer Association and the German Association of Senology. A quality management system - including an electronic "handbook" with clinical pathways for diagnosis and for the management of breast cancer - has been realized.

Breast Center at Gynaecology and Obstetrics - Klinikum St. Georg

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Web-site: www.brustzentrum-nwsb-leipzig.de

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** 2000
- 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)
- Mamma-Scintigraphy, CT

Available work-up imaging equipment

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

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)** 492
- Dedicated Breast Surgeons** 3
- Surgeons with more than 50 surgeries per year** 3
- Breast Surgery beds** 16
- Breast Nurse specialists** 2
- 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** 1
- 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** 3

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)
- CISH

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** 1
- 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

Further Services and Facilities

Nuclear Medicine

Lymphoscintigraphy

Bone scan

Positron Emission Tomography (PET)

PET/CT scan

Rehabilitation

Prosthesis service

Physiotherapy

Lymph-oedema treatment

psychotherapy

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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Breast Surgery

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Reconstructive Surgery

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Pathology

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Medical Oncology

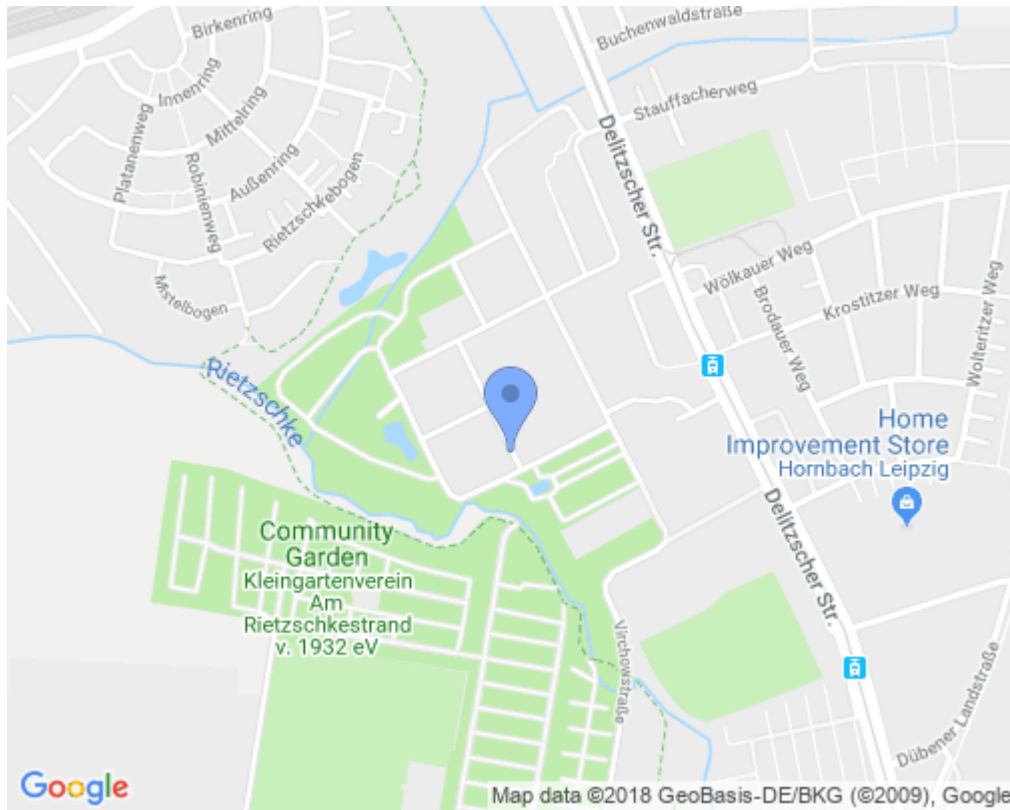
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Radiotherapy

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How to reach us



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From airport:

From Schkeuditz-Airport: A14 (route Dresden) till interface Leipzig-Mitte (17b), B2 towards Leipzig, turn-off towards Wiederitzsch, in Wiederitzsch at the crossroads with traffic lights left, after about 1 km right to the clinical centre.

By train:

Leipzig main station: from main station courtyard tram 16 towards "Messegelände", get off at "Klinikum St. Georg".

By bus or sub-way/underground:

Long distance buses arrive at Leipzig main station. From main station courtyard tram 16 towards "Messegelände", get off at "Klinikum St. Georg".

By car:

From highway A14 till interface Leipzig-Mitte (17b), B2 towards Leipzig, turn-off towards Wiederitzsch, in Wiederitzsch at the crossroads with traffic lights left, after about 1 km right to the clinical centre.

From South: B2 through the entire city region till turn-off towards Wiederitzsch, in Wiederitzsch at the

crossroads with traffic lights left, after about 1 km right to the clinical centre.

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