



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Brustzentrum Marienhospital Bottrop - Bottrop, Germany

General Information



New breast cancer cases treated per year 190

Breast multidisciplinary team members 14

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

Clinical Director: Hans-Christian Kolberg, MD, PhD

The Breast Unit Marienhospital Bottrop is dedicated to breast cancer diagnosis, treatment and support. Our team guides our patients through diagnostic workup and therapy. From mammogram over core cut biopsy to surgery, chemotherapy and radiation, the whole process is provided by one multidisciplinary team. We treat about 40% of our patients in clinical studies and provide the most modern approaches such as intraoperative radiotherapy. Our breast unit is certified and recommended by the German Cancer Society and the German Society of Senology.

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CERTIFICATION(S) ACCREDITATION(S)

Deutsche Krebsgesellschaft

Expiration date: 30 September 2024



Certification document (original lang.)

ÄKZert

Expiration date: 24 November 2024

ÄKZert

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** 2
- Mammograms per year** 5000
- 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)

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)** 265
- Dedicated Breast Surgeons** 3
- Surgeons with more than 50 surgeries per year** 3
- Breast Surgery beds** 46
- Breast Nurse specialists** 1
- 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
 - Magtrace
- 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)
- uPA/PAI

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
- special immunohistochemistry where applicable

Medical Oncology

- Dedicated Breast Medical Oncologists** 4
- 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

Genetic Counselling

Specialist Providing Genetic Counselling/Risk assessment service:

Dedicated Clinical Geneticist

Medical Oncologist

Breast Surgeon

General Surgeon

Gynaecologist

Cooperating Center for Genetic Counseling

Genetic Testing available

Surveillance program for high-risk women

Data Management

Database used for clinical information

Data manager available

Contact details

Clinical Director

Hans-Christian Kolberg, MD, PhD	Head of Department of the Department for Gynecology and Obstetrics	hans-christian.kolberg@mhb-bottrop.de	+4920411061601
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Radiology

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Carsten Weihl, MD	Mammography Specialist	info@borad.de	+49204118400

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 Düsseldorf International Airport take the Highway to Oberhausen A52, then A3 and A42. Exit Bottrop Süd, then follow the signs 'Marienhospital'.

By train:

Train to Bottrop Central Station, then Bus line 267, stop at 'Marienhospital Bottrop'.

By bus or sub-way/underground:

Bus line 267, stop at 'Marienhospital Bottrop'.

By car:

On the highway, A2 exit Bottrop, on the Highway A42 exit Bottrop Süd, then follow the signs for 'Marienhospital'.

Last modified: 15 October 2020