



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Brustzentrum der UMG, University Hospital of the University of Göttingen - Göttingen, Germany

General Information



New breast cancer cases treated per year 170

Breast multidisciplinary team members 14

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

Clinical Director: Günter Emons

The 'Brustzentrum der Universitätsmedizin Göttingen' treats 150- 200 patients with newly diagnosed breast cancer a year. It is a team of experts of different medical disciplines, dedicated to give patient-centered care and cure on the best scientific standard. We offer diagnostic and pre-and postsurgery clinics ,genetic counselling, psycho-oncological support, follow-up, advanced tumor clinic). Diagnose is given mostly in one day only and surgery can be performed within one week. We prefer tumorectomy and sentinel-node-biopsy whenever possible, but offer breast-reconstruction as well. Our multidisciplinary tumor-board generates individual treatment plans for each patient, our protocols respect international guidelines and are regularly updated. Adjuvant therapy (Chemotherapy and Radiation) are given in the outpatient section of the Unit. Psycho-oncological and social support are offered. We are a Center in the 'Konsortium familiärer Brust-und Eierstockkrebs'. We take part in multi-centre studies and have a specialised group to do basic research on breast cancer. We organise conferences for cooperating physicians, for patients and public.

Brustzentrum der UMG, University Hospital of the University of Göttingen

Robert-Koch-Strasse, 40

D-37075 Göttingen,

Phone: +495513966516

Fax: +495513966585

E-mail: direktion.ufk@med.uni-goettingen.de

Web-site: www.brustzentrum.med.uni-goettingen.de/wir.html

CERTIFICATION(S) ACCREDITATION(S)

Deutsche Krebsgesellschaft

Expiration date: 10 March 2020



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** 2
- Mammograms per year** 10000
- 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
- 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)** 170
- Dedicated Breast Surgeons** 3
- Surgeons with more than 50 surgeries per year** 3
- Breast Surgery beds** 10
- 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
- Lymph- Vessel- Anastomosis

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)
- Whole Genom Arrays (Agilent)

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
- Ki 67

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

special clinics for advanced cancer. Rehab.sports-group

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

Günter Emons Clinical Director of the Breast Unit emons@med.uni-goettingen.de +495513966500

Radiology

Berit Roekern Breast-center Coordinator berit.roekern@med.uni-goettingen.de +49 551 39 66516

Susanne Wienbeck, MD Senior Breast Radiologist susanne.wienbeck@med.uni-goettingen.de +49 551 39 13186

Breast Surgery

Günter Emons Director of Gynaecology and Obstetric Dpt. emons@med.uni-goettingen.de +49551396500

Martin Hellriegel Senior Surgery Consultant martin.hellriegel@med.uni-goettingen.de +49551 39 66577

Reconstructive Surgery

Gunther Felmerer Senior Plastic Surgeon gunther.felmerer@med.uni-goettingen.de +49 551 39 66150

Pathology

Heinz-Joachim Radzun Director of Pathology Dpt. hradzun@med.uni-goettingen.de +49551398630

Christina Perske Senior Pathologist tinaperske@med.uni-goettingen.de

Medical Oncology

Günter Emons Director of the B.U., Gynecological Oncologist emons@med.uni-goettingen.de +495513966500

Martin Hellriegel Gynecologist, Gynecological Oncologist martin.hellriegel@med.uni-goettingen.de +495513966577

Lorenz Trümper Director of Hematology, Medical Oncology Dpt. lorenz.truemper@med.uni-goettingen.de +49551398534

Claudia Binder Hematologist, Medical Oncologist c.binder@med.uni-goettingen.de +49551398943

Radiotherapy

F.C. Hess Director of Radiooncology Dpt. cfhess@med.uni-goettingen.de +49551398866

A. Hille Senior Radio-oncologist cfhess@med.uni-goettingen.de

How to reach us



Brustzentrum der UMG, University Hospital of the University of Göttingen

Robert-Koch-Strasse, 40

D-37075 Göttingen,

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From airport:

Hannover, Berlin and Frankfurt Airports. Super-express trains go to Göttingen.

By train:

Super-express train connections to most of the major German cities.

By bus or sub-way/underground:

Bus lines 8 and 12 from the railway station.

By car:

Autobahn A7 exit Goettingen NORD.

Follow the signs to KLINIKEN.

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