



# BREAST CENTRES NETWORK

Synergy among Breast Units

## ★ University Hospital Berne - Berne, Switzerland

### General Information



**New breast cancer cases treated per year** 150

**Breast multidisciplinary team members** 12

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

**Clinical Director:** Barbara Zeyen, MD

The Breast and Gynaecological Cancer Unit (Brust- und Tumorzentrum) is part of the University Hospital of Berne (Inselspital). The unit functions in the framework of a large university teaching hospital and is involved in translational and clinical research. It is located in Women's Hospital (Frauenklinik) where the breast, diagnostic imaging and medical oncology units work in close geographic and organizational relationship. The Breast and Gynaecological Cancer Unit has been founded in 2004 as an institution for the interdisciplinary diagnosis and therapy of breast and gynaecological cancers. Since 2011 the gynaecologic cancer center is certified by DKG, the breast cancer centre followed with certification in 2012. In addition, the breast cancer centre is certified by the Q-Label of the swiss league against cancer since 2014 and in partnership with the breast centre Solothurn since 2015 .

### University Hospital Berne

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CERTIFICATION(S) ACCREDITATION(S)

**Deutsche Krebsgesellschaft**

Expiration date: 15 November 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.

**Q-Label**

Expiration date: 14 June 2018



SGS and Swiss League  
against cancer

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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

**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)** 167
- Dedicated Breast Surgeons** 3
- Surgeons with more than 50 surgeries per year** 2
- Breast Surgery beds** 5
- 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** 2
- ✓ **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)
- ✓ Recurrence score estab. in Bern

**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

Data Manager

**Further Services and Facilities**

**Nuclear Medicine**

Lymphoscintigraphy

Bone scan

Positron Emission Tomography (PET)

PET/CT scan

**Rehabilitation**

Prosthesis service

Physiotherapy

Lymph-oedema treatment

Breast care nurse counseling

**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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Laura Knabben, MD	Staff Surgeon	<a href="mailto:laura.knabben@insel.ch">laura.knabben@insel.ch</a>	+41316321650
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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 Zurich (ZRH) or Geneva (GVA) direct trains run every 30 to 60 minutes to Berne.

**By train:**

The Swiss rail network SBB has a major hub in Berne so that Berne can be reached easily by train from any Swiss city and from major european cities.

**By bus or sub-way/underground:**

At Bern train station take the bus line 11 in 'Inselspital/Holligen' direction. Exit at Inselspital.

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