



# **BREAST CENTRES NETWORK**

Synergy among Breast Units

Breast Center at Dept. of Senology - Paracelsus Medical University of Salzburg - Salzburg, Austria

# **General Information**



New breast cancer cases treated per year

400

Breast multidisciplinarity team members

15

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

Clinical Director: Roland Reitsamer, MD

The Breast Center of University Hospital Salzburg, Department of Senology, was founded in 1987. The Breast Center Salzburg is located in the heart of Austria serving a population of more than 500,000 people in the Salzburg County as well as national patients from other parts of Austria and international patients from Europe and overseas. The Breast Center offers the complete range of modern diagnostic, therapeutic and aftercare facilities and is a precursor in the development and implementation of intraoperative radiotherapy for breast cancer patients. Modern and well equipped rooms with park view are available and friendly well-trained nurses care for the patients. The multidisciplinarity is provided not only by the slogan "breast care is a team sport" but multi- and interdisciplinarity is provided by close collaboration among all core team members and affiliated services.

The Breast Unit is initially accredited by EUSOMA.

# Breast Center at Dept. of Senology - Paracelsus Medical University of Salzburg

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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 Mammograms per year 7000
- ☑ Breast radiographers
- ✓ Screening program
- Verification for
- non-palpable breast lesions
- on specimen
- Axillary US/US-guided
- **FNAB**
- ✓ Clinical Research

# Available imaging equipment

- Mammography
- Ultrasound

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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

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ROLL: radio-guided occult lesion localization

#### Available breast tissue sampling equipment

- Stereotactic Biopsy (Mammography
- 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) 470
- Dedicated Breast Surgeons Surgeons with more than 50 surgeries per year
- ☑ Breast Surgery beds 24
- ☑ 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 surgeons	Type of breast reconstructive surgery available
Immediate Reconstruction available	✓ Remodelling after breast-conserving surgery
	<ul> <li>Remodelling after breast-conserving surgery</li> <li>Reconstruction after mastectomy:</li> </ul>
	<ul> <li>Reconstruction after mastectomy:</li> <li>Two-stage reconstruction (tissue expander followed by</li> </ul>
	implant)
	lacksquare One-stage reconstruction
	Autogenous tissue flap
	☑ Latissimus dorsi flap
	☑ Transverse rectus abdominis (TRAM)
	Free-flaps (free TRAM, DIEP, SIEA, gluteal, etc.)
	lacksquare Surgery on the contralateral breast for symmetry
	✓ Fatgrafting
ithology	
Dedicated Breast Pathologists	1 Other special studies available
Available studies	☑ Fluorescence in-situ Hybridization for HER-2 gene (FISH
✓ Cytology	Oncotype Dx (21-gene assay)
☑ Haematoxylin & eosin section (H&E)	✓ MammaPrint (70-gene microarray)
☑ Surgical specimen	Prediction Analysis of Microarray 50-gene set (PAM 50)
✓ Sentinel node	Parameters included in the final pathology report
☑ Core biopsy	
✓ Frozen section (FS)	✓ Pathology stage (pT and pN)
☑ Surgical specimen	☑ Tumour size (invasive component in mm)
✓ Sentinel node	☑ Histologic type
<ul><li>✓ Immunohistochemistry stain (IHC)</li><li>✓ Estrogen receptors</li></ul>	☑ Tumor grade
	✓ ER/PR receptor status
✓ Progesterone receptors	✓ HER-2/neu receptor status
☑ HER-2	✓ Peritumoural/Lymphovascular invasion
☑ Ki-67	☑ Margin status

Radiotherapy	
☑ Dedicated Radiation Oncologists	Available techniques offer breast server in a correry
☑ Clinical Research	<ul> <li>Available techniques after breast-conserving surgery (including experimental)</li> </ul>
	☑ Whole-Breast RT (WBRT)
	✓ Partial breast irradiation (PBI):
	External beam PBI
	lacksquare Interstitial brachytherapy
	$\square$ Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	☑ Intra-operative RT (IORT)
Multidisciplinary Meeting (MDM) / Tumour Board	(ТВ)
Regular MDM/TB for case management discussion	Specialties/services participating in MDM/TB
☑ Twice a week	✓ Radiology
Weekly	☑ Breast Surgery
☐ Every two weeks	✓ Reconstructive/Plastic Surgery
Other Schedule	✓ Pathology
Cases discussed at MDM/TB	☑ Medical Oncology
	✓ Radiotherapy
Preoperative cases	Genetic Counselling
Postoperative cases	✓ Breast Nurse Service
	Psycho-oncology
Further Services and Facilities	
Nuclear Medicine	Genetic Counselling
✓ Lymphoscintigraphy	✓ Specialist Providing Genetic Counselling/Risk assessment
✓ Bone scan	service:
✓ Positron Emission Tomography (PET)	Dedicated Clinical Geneticist
✓ PET/CT scan	Medical Oncologist
Rehabilitation	☑ Breast Surgeon
	General Surgeon
✓ Prosthesis service	Gynaecologist
✓ Physiotherapy	☑ Genetic Testing available
☑ Lymph-oedema treatment	☑ Surveillance program for high-risk women
	Data Management
	☑ Database used for clinical information
	☑ Data manager available

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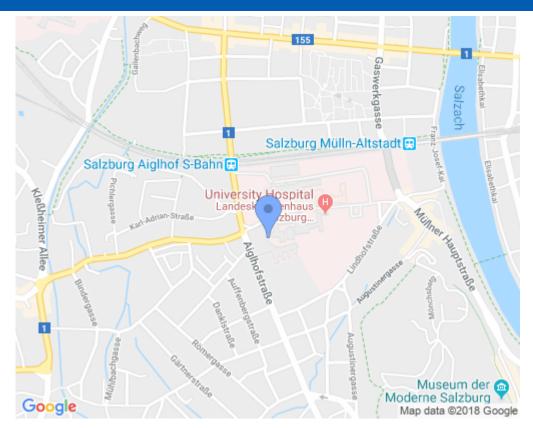
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