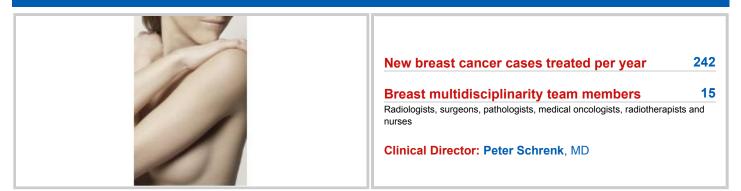


BREAST CENTRES NETWORK

Synergy among Breast Units

Brustkompetenz Zentrum AKH-LFKK Linz - Linz, Austria

General Information



The breast center (Brustkompetenz Zentrum AKH-LFKK Linz) was opened in 2007 and combines all disciplines necessary for diagnosis and treatment of breast cancer, as well as plastic and reconstructive breast surgery (breast surgery, radiology, psychology, radiology) on 825 m2. The breast center regularly organizes surgical workshops (oncoplastic surgery, cosmetic breast surgery, reconstructive breast surgery), radiology meetings and pathology workshops. The breast center has specialized in oncoplastic breast surgery and reconstructive breast surgery and is certified by Onkozert (German Cancer Society) and ISO 2001.

Brustkompetenz Zentrum AKH-LFKK Linz

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Available services

Vuclear Medicine Social Workers Radiology Rehabilitation **W** Nutritional Counselling Breast Surgery Reconstructive/Plastic Surgery Genetic Counselling Survivorship Groups **Pathology** Z Data Management Sexual Health Counselling Psycho-oncology Supportive and Palliative Care Medical Oncology **Radiotherapy** Breast Nurses V Integrative Medicine Radiology **V** Dedicated Radiologists 2 Available imaging equipment Available breast tissue sampling equipment Mammograms per year 6000 Mammography **W** Breast radiographers Stereotactic Biopsy (Mammography VItrasound Screening program quided) Core Biopsy (Tru-cut) Magnetic Resonance Imaging (MRI) Verification for non-palpable breast lesions Vacuum assisted biopsy Available work-up imaging on specimen equipment 🗹 Ultrasound-guided biopsy Axillary US/US-guided Fine-needle aspiration biopsy Computer Tomography **FNAB** (FNAB, cytology) **VItrasound** Clinical Research Core Biopsy Magnetic Resonance Imaging (MRI) Vacuum assisted biopsy PET/CT scan MRI-guided biopsy bone scan scintigraphy Core Biopsy Primary technique for localizing Vacuum assisted biopsy non-palpable lesions Hook-wire (or needle localization) Charcoal marking/tattooing ROLL: radio-guided occult lesion localization

Breast Surgery

New operated cases per year (benign and malignant) 378
 Dedicated Breast Surgeons 3
 Surgeons with more than 50 surgeries per year 2
 Breast Surgery beds 15
 Breast Nurse specialists 3
 Outpatient surgery
 Intra-operative evaluation of sentinel node
 Reconstruction performed by Breast Surgeons
 Clinical Research

Axillary lymph node dissection

Primary technique for staging the axilla

- Sentinel lymph node biopsy:
- Blue dye technique
- Radio-tracer technique
- V Blue dye + Radio-tracer
- Axillary sampling

Reconstructive/Plastic Surgery Reconstructive/Plastic surgeons 3 Type of breast reconstructive surgery available Immediate Reconstruction available Remodelling after breast-conserving surgery Reconstruction after mastectomy: Two-stage reconstruction (tissue expander followed by implant) ✓ One-stage reconstruction Autogenous tissue flap V Latissimus dorsi flap ✓ Transverse rectus abdominis (TRAM) Free-flaps (free TRAM, DIEP, SIEA, gluteal, etc.) Surgery on the contralateral breast for symmetry 🗹 oncoplastic breast surgery, lipofilling

Pathology

Dedicated Breast Pathologists	2	Other special studies available
vailable studies		V Fluorescence in-situ Hybridization for HER-2 gene (FISH)
Z Cytology		Oncotype Dx (21-gene assay)
 Haematoxylin & eosin section (H&E) Surgical specimen 		MammaPrint (70-gene microarray)
		Prediction Analysis of Microarray 50-gene set (PAM 50)
Sentinel nodeCore biopsy		Parameters included in the final pathology report
Frozen section (FS)		🗹 Pathology stage (pT and pN)
Surgical specimen		🗹 Tumour size (invasive component in mm)
Sentinel node		🗹 Histologic type
Immunohistochemistry stain (IHC)		🗹 Tumor grade
Stan (InC)		ER/PR receptor status
✓ Progesterone receptors		☑ HER-2/neu receptor status
✓ HER-2		Peritumoural/Lymphovascular invasion
✓ Ki-67		☑ Margin status
		Ki67, Sentinel node status

Medical Oncology

- Dedicated Breast Medical Oncologists
 4
- Outpatient systemic therapy
- Clinical Research

Radiotherapy

Dedicated Radiation Oncologists

V 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	Specialties/services participating in MDM/TB
Twice a week	☑ Radiology
🗹 Weekly	Margary Breast Surgery
Every two weeks	Reconstructive/Plastic Surgery
Other Schedule	Z Pathology
Cases discussed at MDM/TB Preoperative cases	Medical Oncology
	🗹 Radiotherapy
	Senetic Counselling
Postoperative cases	V Breast Nurse Service
	🗹 Psycho-oncology

Further Services and Facilities

Nuclear Medicine

V Lymphoscintigraphy

- 🗹 Bone scan
- Positron Emission Tomography (PET)
- V PET/CT scan

Rehabilitation

- V Prosthesis service
- Physiotherapy
- V Lymph-oedema treatment

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

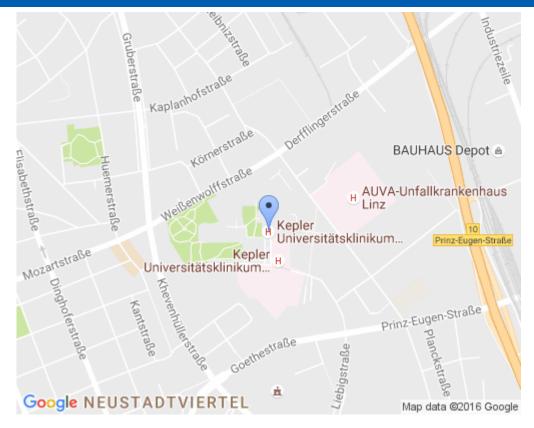
Data Management

- ☑ Database used for clinical information
- 🗹 Data manager available

Brustkompetenz Zentrum AKH-LFKK Linz

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How to reach us



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