



# **BREAST CENTRES NETWORK**

Synergy among Breast Units

# Riga East University Hospital/Latvian Oncology Centre - Riga, Latvia

### **General Information**



New breast cancer cases treated per year

600

**Breast multidisciplinarity team members** 

18

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

Our largest i Latvia patient-centred breast unit has a dedicated multidisciplinary team, including radiologists, breast surgeons, medical oncologists, radiotherapists and pathologists and provides modern breast cancer treatment. Full range of services, from screening procedures to complete diagnosis, using MG, USS, MR imaging, and tissue sampling is provided in our outpatient clinic. Multidisciplinary meetings are performed before surgery to define treatment strategy. Oncoplastic surgery is a standart approach in our breast surgery that helps us to manage esthetical problems caused by the oncological procedures. The callaboration with plastic and reconstructive surgeons allows our patients to feel comfortable even after advanced stage cancer surgery. Sentinel lymph node biopsy, using blue-dye and Radio-tracer methods, and frosen section studies are used as the standard procedure for more precise staging the axilla. The following multidisciplinary meeting defines further treatment strategy. The aim of our work is to reach the maximum oncological recovery available and to ensure the better cosmesis and psycological comfort for all our patients.

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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

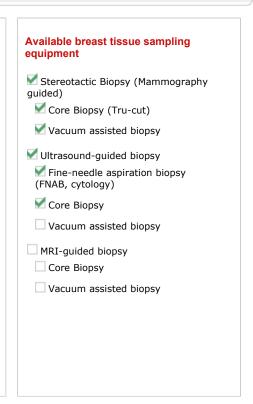
✓ Dedicated Radiologists	4
Mammograms per year	15000
✓ Breast	
radiographers	
Screening program	
✓ Verification for	
non-palpable breast lesions	
on specimen	
Axillary US/US-guided	
FNAB	
Clinical Research	

# 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



### **Breast Surgery**

✓ New operated cases per year (benign and malignant)	840
☑ Dedicated Breast Surgeons	5
☑ Surgeons with more than 50 surgeries per year	5
✓ Breast Surgery beds	30
✓ 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
- Axillary sampling

Type of breast reconstructive surgery available  Remodelling after breast-conserving surgery Reconstruction after mastectomy: Two-stage reconstruction (tissue expander followed brimplant)  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  Other special studies available Fluorescence in-situ Hybridization for HER-2 gene (FISHOncotype Dx (21-gene assay) MammaPrint (70-gene microarray) Prediction Analysis of Microarray 50-gene set (PAM 50)	
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Parameters included in the final pathology report	
☑ Pathology stage (pT and pN)	
lacksquare Tumour size (invasive component in mm)	
☑ Histologic type	
☑ Tumor grade	
✓ ER/PR receptor status	
✓ HER-2/neu receptor status	
lacksquare Peritumoural/Lymphovascular invasion	
☑ Margin status	
☑ DCIS Presence/ Absence in Surrounding Tissues	

adiotherapy	
<ul><li>✓ Dedicated Radiation Oncologists</li><li>✓ Clinical Research</li></ul>	Available techniques after breast-conserving surgery (including experimental)
	₩ Whole-Breast RT (WBRT)
	✓ Partial breast irradiation (PBI):
	☑ External beam PBI
	lacksquare Interstitial brachytherapy
	$\square$ Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	$\square$ Intra-operative RT (IORT)
	☑ Respiratory Gated Radiotherapy + Intensity Modulated Radiotherapy
lultidisciplinary Meeting (MDM) / Tumour Board (	(ТВ)
Regular MDM/TB for case management discussion	Specialties/services participating in MDM/TB
☐ Twice a week	<b>☑</b> 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
urther Services and Facilities	
Nuclear Medicine	Genetic Counselling
<ul><li>✓ Lymphoscintigraphy</li><li>✓ Bone scan</li></ul>	Specialist Providing Genetic Counselling/Risk assessment service:
	Dedicated Clinical Geneticist
<ul><li>□ Positron Emission Tomography (PET)</li><li>☑ PET/CT scan</li></ul>	☐ Medical Oncologist
	☐ Breast Surgeon
Rehabilitation	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

### Contact details Radiology Ingrida Šlosberga, MD Staff Radiologist Ilze Engele, MD Staff Radiologist +37167042162 ilze.engele@aslimnica.lv Evija Asere, MD staff radiologist evija.asere@gmail.com staff radiologist anetepurvlice@gmail.com Anete Purvlice, MD **Breast Surgery** Janis Eglitis, MD, PhD Head of Breast Surgery Dpt. janis.eglitis@aslimnica.lv +37129282812 Mihails Timofejevs, MD Staff Surgeon mihails.timofejevs@aslimnica.lv +37129240960 Andrejs Srebnijs, PhD Staff Surgeon andrejs.srebnijs@aslimnica.lv +37128322211 Egils Purmalis, MD Staff Surgeon egils.purmalis@aslimnica.lv +37167042093 Krista Arcimovica, MD krista.arcimovica@gmail.com staff surgeon **Reconstructive Surgery** Kalvis Pastars, PhD Janis Zarinš, PhD staff Reconstructive surgeon **Pathology** Inta Liepniece-Karele, PhD inta.liepniece-karele@aslimnica.lv Sergejs Isajevs, PhD Staff Pathologist sergejs.isajevs@aslimnica.lv Aleksandrs Grjunbergs, MD Staff Pathologist Tatjana Zablocka, PhD staff pathologyst tatjana.zablocka@gmail.com **Medical Oncology** Alinta Hegmane, PhD Staff Medical Oncologist alinta.hegmane@aslimnica.lv Iveta Kudaba, PhD Head of Outpatient Medical iveta.kudaba@aslimnica.lv **Oncology Unit** Elina Liepina, MD Staff Oncologist

Chief of Radiotherapy Clinic

deputy chief in outpatient

radiology

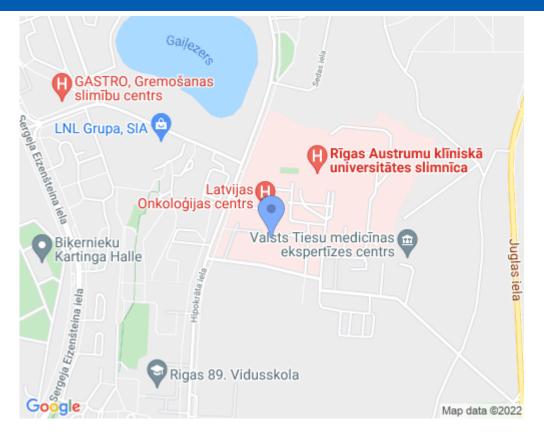
Radiotherapy

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### How to reach us



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From airport:

To Riga city centre, Hipokrata str. 4.

By train:

No train service available.

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

Bus No.21 to city centre, then trolleybus No.14 or 18 to the stop 'Slimnica'.

### By car:

Take the road to the centre -> follow K.Ulmana gatve -> Island bridge (salu tilts) -> Krasta str. -> Slavu bridge (slavu tilts) -> Lubanas str. -> roundab. 2nd exit-> roundab 3rd exit-> right turn on Hipokrata str.

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