



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 multidisciplinary team members **18**

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

Our largest in 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 standard approach in our breast surgery that helps us to manage esthetical problems caused by the oncological procedures. The collaboration 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 frozen 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 psychological 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

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)** 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

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** 4

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)

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
- DCIS Presence/ Absence in Surrounding Tissues

Medical Oncology

- Dedicated Breast Medical Oncologists** 3
- 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)

Respiratory Gated Radiotherapy + Intensity Modulated Radiotherapy

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

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

Radiology

| | | | |
|-----------------------|-------------------|--|--------------|
| Ingrida Šlosberga, MD | Staff Radiologist | | |
| Ilze Engele, MD | Staff Radiologist | ilze.engele@aslimnica.lv | +37167042162 |
| Evija Asere, MD | staff radiologist | evija.asere@gmail.com | |
| Anete Purvlice, MD | staff radiologist | anetepurvlice@gmail.com | |

Breast Surgery

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|------------------------|-----------------------------|--|--------------|
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| Mihails Timofejevs, MD | Staff Surgeon | mihails.timofejevs@aslimnica.lv | +37129240960 |
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| Krista Arcimovica, MD | staff surgeon | krista.arcimovica@gmail.com | +37167042093 |

Reconstructive Surgery

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|---------------------|------------------------------|--|--|
| Kalvis Pastars, PhD | | | |
| Janis Zarinš, PhD | staff Reconstructive surgeon | | |

Pathology

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|----------------------------|-------------------|--|--|
| 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 pathologist | tatjana.zablocka@gmail.com | |

Medical Oncology

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|---------------------|--|--|--|
| Alinta Hegmane, PhD | Staff Medical Oncologist | alinta.hegmane@aslimnica.lv | |
| Iveta Kudaba, PhD | Head of Outpatient Medical Oncology Unit | iveta.kudaba@aslimnica.lv | |
| Elina Liepina, MD | Staff Oncologist | | |

Radiotherapy

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|---------------------------|--------------------------------------|--|--|
| Arturs Šorubalko, MD | Chief of Radiotherapy Clinic | arturs.sorubalko@aslimnica.lv | |
| Dace Saukuma-Bogorada, MD | deputy chief in outpatient radiology | | |

How to reach us



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From airport:

To Riga city centre, Hipokrāta 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 Hipokrāta str.

Last modified: 23 May 2019