



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Pauls Stradins Clinical University Hospital, Breast Unit - Riga, Latvia

General Information



New breast cancer cases treated per year **200**

Breast multidisciplinary team members **16**

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

Clinical Director: **Arvids Irmejs, MD, PhD**

Pauls Stradins Clinical University Hospital is one of the largest University Hospitals among the Baltic States with 857 hospital beds and longstanding cancer treatment, research and education traditions.

Along with standard breast cancer diagnostics, treatment and prevention programmes, we offer molecular laboratory largely dedicated to breast cancer diagnosis where research develops rapidly.

The Breast Unit is part of the Surgical Department of the hospital. All Breast Units facilities are located within the compact hospital territory.

Pauls Stradins Clinical University Hospital, Breast Unit

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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** 3
- Mammograms per year** 3600
- 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)** 267
- Dedicated Breast Surgeons** 4
- Surgeons with more than 50 surgeries per year** 3
- Breast Surgery beds** 3
- 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 _____ 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)

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 _____ 5

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

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

Clinical Director

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Radiology

Svetlana Bogdanova, MD	Staff Radiologist		
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Justine Deicmane, MD	Staff Radiologist		
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Marika Kalnina, MD	Staff Radiologist		
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Breast Surgery

Arvids Irmejs, MD, PhD	Head of the Breast Unit, Surgeon	arvids.irmejs@stradini.lv	+37167069728
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Genadijs Trofimovic, MD, PhD	Surgeon	trofimovic@navigator.lv	
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Jelena Maksimenko, MD, PhD	Surgeon		
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Reconstructive Surgery

Evija Rodke, MD	Plastic Surgeon	evija@dr.lv	+37167562318
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Janis Gilis, MD, PhD	Plastic Surgeon	klinika@gilis.lv	+37167845208
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Pathology

Ilze Strumfa, MD, PhD	Staff Member of Pathology Dpt.		
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Arnīs Abolins, MD	Staff Member of Pathology Dpt.		
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Medical Oncology

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Aija Gerina-Berzina, MD	Staff Member of Medical Oncology Dpt.		
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Viktors Kozirovskis, MD	Staff Member of Medical Oncology Dpt.		
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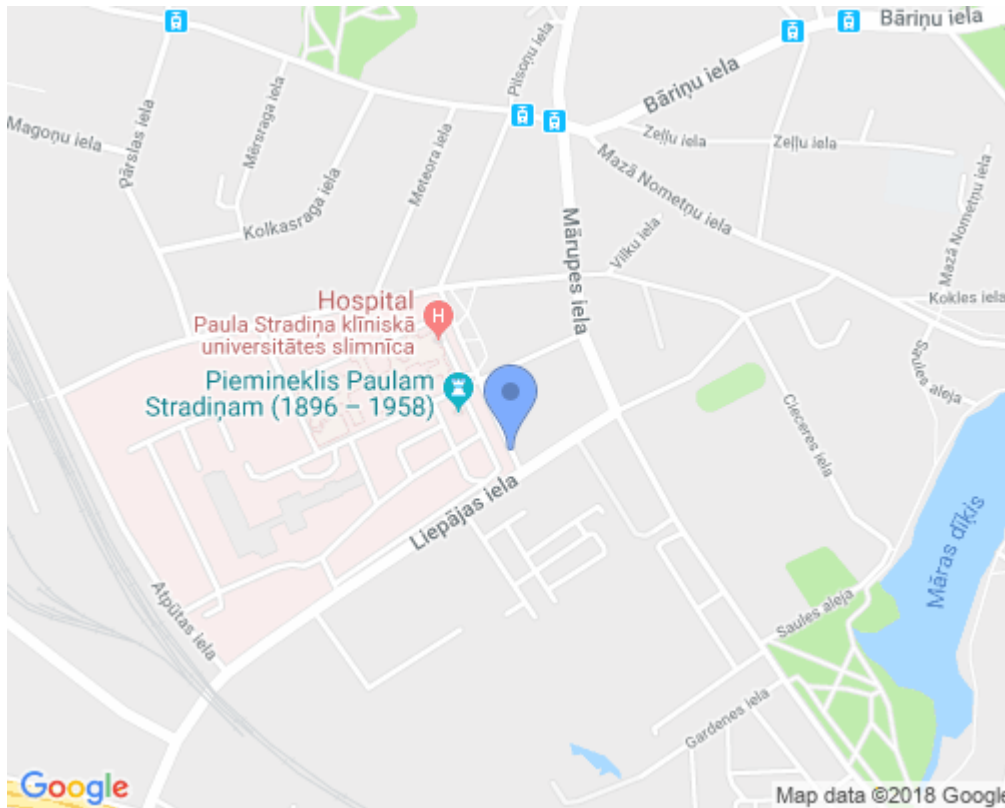
Linda Jurginauska, MD	Staff Memeber of Medical Oncology Dpt.		
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Radiotherapy

Janis Kazaks, MD	Staff Member of Radiotherapy Dpt.		
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Jelena Nikolajeva, MD	Staff Member of Radiotherapy Dpt.		
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How to reach us



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From airport:

From Riga International Airport, by taxi to 13 Pilsonu street, Pauls Stradins Clinical University Hospital.

By train:

From the Central Station, as above. It takes about 15 minutes.

Last modified: 29 April 2016