



# BREAST CENTRES NETWORK

Synergy among Breast Units

## ★ Innovacia Cancer Center - Lyutizh, Ukraine

### General Information



**New breast cancer cases treated per year** 426

**Breast multidisciplinary team members** 16

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

**Clinical Director:** [Shota Maglakelidze, MD](#)

Today, the INNOVATION clinic's mammology centre has one of the most comprehensive diagnostic and treatment bases, which allows for quick and accurate diagnostics, performs all the most modern treatment methods, and conducts a wide range of organ-preserving operations, including reconstructive plastic surgery. The oncology centre's treatment programs allow solving two seemingly opposite tasks - complete tumour removal with the best cosmetic result for a patient.

### **Innovacia Cancer Center**

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CERTIFICATION(S) ACCREDITATION(S)

**Quality Management System ISO 9001-2015**

Expiration date: 02 June 2024

Quality Austria

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** 2
- ✓ **Mammograms per year** 885
- ✓ **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)
- ✓ stereotactic biopsy

**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)** 64
- ✓ **Dedicated Breast Surgeons** 2
- ✓ **Surgeons with more than 50 surgeries per year** 1
- ✓ **Breast Surgery beds** 5
- ✓ **Breast Nurse specialists** 4
- ✓ **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)

No MDM/TB for case management discussion.

## 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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How to reach us



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

For the convenience of visitors, the clinic INNOVATION provides own transport from metro station 'Heroiv Dniepra' to the door of the clinic. Send time branded buses from the metro station 'Heroes of the Dnieper': 9:00, 11:30, 13:30, 16:00. Send time buses from the clinic INNOVATION to the metro station 'Heroiv Dniepra': 11:00, 13:00, 15:30. Please, when recording, contact our operators to clarify the exact parking place of our branded bus.

How to get to us by public transport?

Suburban number 902 Kiev - Lyutezh from metro Heroiv Dniepra to the clinic «INNOVATION» On the way: 30 minutes Traffic interval: 15 min Sit on 4 in a row stationary stop from the market «Obolon» Get off at the bus stop: Forestry/Clinic 'INNOVATION' On foot from the stop: Forestry/Clinic 'INNOVATION' to 69th Vitryagovo Str., 650 m (10 min)

Suburban number 355 Kiev–Demidov (Zoo 12 months) from metro Heroiv Dniepra to the clinic «INNOVATION» On the way: 25 minutes Traffic interval: 15 minutes ? Sit on 4 in a row stationary stop from the market «Obolon» Get off at the bus stop: Forestry/Clinic 'INNOVATION' On foot from the stop: Forestry/Clinic 'INNOVATION' to 69th Vitryagovo Str., 650 m (10 min)

Suburban number 795 from Taras Shevchenko Square to the clinic 'INNOVATION' On the way: 30 minutes Traffic interval: 12.5 min. Sit down at the bus stop: Auto station 'Polesie' (Area Tarasa

Shevchenko) Get off at the bus stop: Forestry/Clinic 'INNOVATION' On foot from the stop: Forestry/Clinic 'INNOVATION' to 69th Vitryagovo Str., 650 m (10 min)

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