



# BREAST CENTRES NETWORK

Synergy among Breast Units

## Mariupol Cancer Center - Mariupol, Ukraine

### General Information



**New breast cancer cases treated per year** 286

**Breast multidisciplinary team members** 26

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

**Clinical Director:** Tetiana Marharynt, MD

Mariupol Cancer Center is an Interdistrict Cancer Center serving 380,000 people in the South part of the Donetsk region. Mariupol Cancer Center was set up in 1974. We receive referrals from local General Practitioners and Physicians from nearby units via the National Health Service or Private route. Mariupol Cancer Center consists of 2 surgical departments, the out-patient department, the radiological department and the chemotherapy department. The patients receive an individualised treatment plan. All cases are discussed daily, both pre-and post-operatively, in the multidisciplinary team. Mariupol Cancer Center takes part in various international research studies and protocols.

### **Mariupol Cancer Center**

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CERTIFICATION(S) ACCREDITATION(S)

**License of the Ministry of Health of Ukraine 000118**

Expiration date: 06 November 2022

The Ministry of Health of Ukraine

This Centre has notified to be certified and, as such, been requested to upload the certification document for further information. When the certification document/s is/are provided, it is/they are made available hereafter.

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** 1689
- 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)** 281
- Dedicated Breast Surgeons** 9
- Surgeons with more than 50 surgeries per year** 1
- Breast Surgery beds** 20
- Breast Nurse specialists** 6
- 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** 1
- 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

**Medical Oncology**

- Dedicated Breast Medical Oncologists** 2
- 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

Tetiana Marharynt, MD	Director/Surgeon	<a href="mailto:margarint555@gmail.com">margarint555@gmail.com</a>	+380972351591
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## Radiology

Hanna Dudarovska, MD	Radiologist	<a href="mailto:dudarovska@rambler.ru">dudarovska@rambler.ru</a>	+380983648094
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## Breast Surgery

Gennadiy Psaras, MD, PhD	Head of Surgery Dpt.	<a href="mailto:ggpsaras@gmail.com">ggpsaras@gmail.com</a>	+380983648094
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## Reconstructive Surgery

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## Pathology

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## Medical Oncology

Marina Verchikova, MD	Medical Oncologist	<a href="mailto:mariupolonco@gmail.com">mariupolonco@gmail.com</a>	+380988712564
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## Radiotherapy

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How to reach us



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#### From airport:

From Kyiv Boryspil international airport to Kyev Central railway station or Kyev central bus station.

#### By train:

From Kyev Central railway station to Mariupol railway station.

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

From Kyev central bus station to Mariupol central bus station.

**Last modified:** 20 November 2020