



BREAST CENTRES NETWORK

Synergy among Breast Units

★ LISOD Hospital of Israeli Oncology - Plyuty, Ukraine

General Information



New breast cancer cases treated per year **590**

Breast multidisciplinary team members **12**

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

Clinical Director: **Andrii Zhygulin, MD**

Our hospital is the first private oncological facility in Ukraine with a full cycle of diagnostic, treatment, and rehabilitation services offered to patients with solid tumors of any origin. Our hospital was founded in cooperation with Israeli oncologists. We organized a Breast Unit in our hospital in 2010 according to EUSOMA criteria. We were the first in our country who implemented a real multidisciplinary approach, sentinel lymph node biopsy and tumor marking technologies into daily clinical practice, first who started to do all kinds of oncoplastic techniques including regional perforant flaps, ADM reconstruction, and the first, who organized rehabilitation center for the patients with breast cancer. Since 2015 we started the 2 weeks workshops for local doctors with lectures and work in operations dedicated to oncoplastic and reconstructive surgery. Since 2019 (2019, 2020) we started the first international multidisciplinary 5-days workshop for young breast surgeons from Europe in the framework of the Central Eastern European Consortium of Breast Cancer Surgery. In 2021 our Breast Unit became the official member of the BRESO educational program.

LISOD Hospital of Israeli Oncology

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Web-site: breastcenter.com.ua

CERTIFICATION(S) ACCREDITATION(S)

ISO9001:2009

Expiration date: 28 July 2018

PivdenTest

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** 1
- Mammograms per year** 1250
- 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)
- Tomosynthesis

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)** 280
- Dedicated Breast Surgeons** 3
- Surgeons with more than 50 surgeries per year** 1
- Breast Surgery beds** 17
- 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
- ICG, Blue dye
- Axillary sampling

Reconstructive/Plastic Surgery

Reconstructive/Plastic surgeons 3

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
- Lipografting

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
- Ki67. CD30

Medical Oncology

Dedicated Breast Medical Oncologists 4

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

Gynaecology

Further Services and Facilities

Nuclear Medicine

Lymphoscintigraphy

Bone scan

Positron Emission Tomography (PET)

PET/CT scan

Rehabilitation

Prosthesis service

Physiotherapy

Lymph-oedema treatment

Psychological Support

Genetic Counselling

Specialist Providing Genetic Counselling/Risk assessment service:

Dedicated Clinical Geneticist

Medical Oncologist

Breast Surgeon

General Surgeon

Gynaecologist

Outside Medical Geneticist

Genetic Testing available

Surveillance program for high-risk women

Data Management

Database used for clinical information

Data manager available

Contact details

Clinical Director

Andrii Zhygulin, MD	Head of Breast Unit	zhygulin@lisod.ua	+380503342364
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Radiology

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Breast Surgery

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Reconstructive Surgery

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Pathology

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Medical Oncology

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Radiotherapy

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How to reach us



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From airport:

From Boryspil Airport to Kyiv city, across the Dnieper-river through the South Bridge, Stolychne road out of the town, about 36 km, turn right to Plyuty.

By train:

From Central Railway Station, by metro, st. Vyduhichi, bus 313 to Plyuty.

By bus or sub-way/underground:

By metro, st. Vyduhichi, bus 313 to Plyuty.

By car:

Stolychne road out of the city, about 36 km, turn right to Plyuty.

Last modified: 25 February 2022