



BREAST CENTRES NETWORK

Synergy among Breast Units

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Verum Expert Clinic - Kiev, Ukraine

General Information



New breast cancer cases treated per year 730

Breast multidisciplinarity team members 19
Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and nurses

Clinical Director: Denys Pominchuk, PhD

Based on the Medical Center 'VERUM Expert', there is a modern breast unit consisting of 6 onco-surgeons, 1 plastic surgeon, 2 medical oncologists, a radiologist and 2 radiologist's physicians. Based on the clinic, patients can go through all kinds of diagnostic studies regarding breast pathology and annual proactive examinations. In the breast department, all types of biopsies are performed in the nodular formations of the mammary gland. Breast surgery is represented by a wide range of interventions: lumpectomy, lumpectomy with lymph node sampling, symmetrizing operations, reconstructive plastic surgery with the use of expanders and implants as one-step and delayed, augmentation and reduction of mammary glands. The department has facilities for chemotherapy treatment of patients and international clinical trials. The clinic practices a multidisciplinary approach with the inclusion of doctors of all specialities in the consultation: an oncologist, a plastic surgeon, a clinical oncologist, a radiologist, a medical radiologist and a pathologist.

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CERTIFICATION(S) ACCREDITATION(S)

Accreditation Certificate Hight Category Expiration date: 03 August 2023

Ministry of Health

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 Mammograms per year 4000
- Breast radiographers
- Screening program
- Verification for
- non-palpable breast lesions
- on specimen
- Axillary US/US-guided
- **FNAB**
- ✓ Clinical Research

Available imaging equipment

- Mammography
- ✓ Ultrasound

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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

- Mook-wire (or needle localization)
- ☐ Charcoal marking/tattooing
- ROLL: radio-guided occult lesion localization

Available breast tissue sampling equipment

- Stereotactic Biopsy (Mammography quided)
 - 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) 650 Dedicated Breast Surgeons
- Surgeons with more than 50 surgeries per year 3
- ☑ Breast Surgery beds 16 ☑ 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

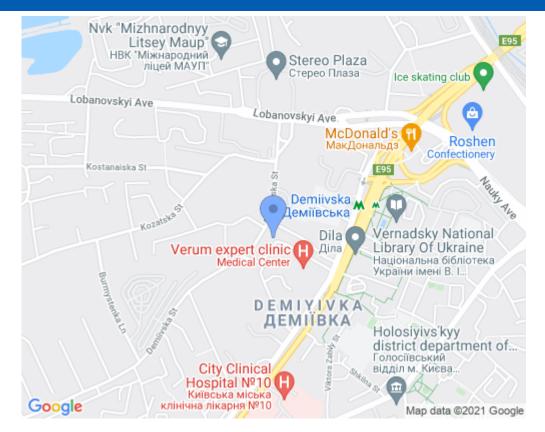
Reconstructive/Plastic surgeons	3	Type of breast reconstructive surgery available			
✓ Immediate Reconstruction available		Remodelling after breast-conserving surgery Reconstruction after mastectomy: Two-stage reconstruction (tissue expander followed by implant) One-stage reconstruction Autogenous tissue flap Latissimus dorsi flap Transverse rectus abdominis (TRAM) Free-flaps (free TRAM, DIEP, SIEA, gluteal, etc.) Surgery on the contralateral breast for symmetry			
			thology		
			Dedicated Breast Pathologists	2	Other special studies available
			Available studies Vytology		☑ Fluorescence in-situ Hybridization for HER-2 gene (FISH
					☑ Oncotype Dx (21-gene assay)
			☑ Haematoxylin & eosin section (H&E)		MammaPrint (70-gene microarray)
			☑ Surgical specimen		Prediction Analysis of Microarray 50-gene set (PAM 50)
			 ✓ Sentinel node ✓ Core biopsy ✓ Frozen section (FS) ✓ Surgical specimen 		Parameters included in the final pathology report
					☑ Tumour size (invasive component in mm)
✓ Sentinel node		Histologic type			
Immunohistochemistry stain (IHC)		☑ Tumor grade			
✓ Estrogen receptors		☑ ER/PR receptor status			
✓ Progesterone receptors		☑ HER-2/neu receptor status			
☑ HER-2		Peritumoural/Lymphovascular invasion			
☑ Ki-67		☑ Margin status			

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☑ 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)
· · · · · · · · · · · · · · · · · · ·	(including experimental) ✓ Whole-Breast RT (WBRT) ☐ Partial breast irradiation (PBI): ☐ External beam PBI ☐ Interstitial brachytherapy ☐ Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	Partial breast irradiation (PBI): External beam PBI Interstitial brachytherapy Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	☐ External beam PBI ☐ Interstitial brachytherapy ☐ Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	☐ Interstitial brachytherapy ☐ Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	\square Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	other devices)
	☐ Intra-operative RT (IORT)
Multidisciplinary Meeting (MDM) / Tumour Board (TB)	
Regular MDM/TB for case management discussion	Specialties/services participating in MDM/TB
☐ Twice a week	☑ Radiology
☑ Weekly	☑ Breast Surgery
Every two weeks	☑ Reconstructive/Plastic Surgery
Other Schedule	☑ Pathology
Cases discussed at MDM/TB	✓ Medical Oncology
✓ Preoperative cases	✓ Radiotherapy
Preoperative cases Postoperative cases	✓ Genetic Counselling
Postoperative cases	✓ Breast Nurse Service
	Psycho-oncology
Further Services and Facilities	
Nuclear Medicine	Genetic Counselling
Lymphoscintigraphy	Specialist Providing Genetic Counselling/Risk assessment
☑ Bone scan	service: ☑ Dedicated Clinical Geneticist
☑ Positron Emission Tomography (PET)	Medical Oncologist
☑ PET/CT scan	☐ Breast Surgeon
Rehabilitation	General Surgeon
✓ Prosthesis service	☐ Gynaecologist
✓ Prostriesis service ✓ Physiotherapy	☑ Genetic Testing available
Lymph-oedema treatment	Surveillance program for high-risk women
	Data Management
	$ lap{N}$ Database used for clinical information
	✓ Data manager available

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7,7km 19min from airport Zhulyani, Kiev

By train:

9,2km 25min from Kiev train station

By bus or sub-way/underground:

700m 5-7min from Demeevskaya subway station

By car:

Demeevskaya 13str, Kiev, Ukraine, 03039

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