

# **BREAST CENTRES NETWORK**

Synergy among Breast Units

# The Breast Center of Cyprus - Nicosia, Cyprus

**General Information** 



New breast cancer cases treated per year 150

Breast multidisciplinarity team members 13 Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and nurses

Clinical Director: Michalis Theophanous, MD

VISION Our vision at the Breast Center of Cyprus is to instil a sense of patient confidence through superior patient-centered care and to be characterized as: • The facility of choice for women in Cyprus to obtain accurate and timely diagnosis of breast disease for patients • The facility of choice to attract and retain highly dedicated, highly specialized radiologists, technologists and staff • A gathering place for multi-disciplinary medical teams to discuss every aspect of breast diagnosis and treatment. • To provide sustainable breast health services to all women in our country in a caring environment that fosters confidence, comfort, peace and dignity for each individual. MISSION The creation of a state-of-the-art center which provides services concerning the diagnosis and treatment of patients with benign or malignant breast disorders, according to the international standards and guidelines, offering a pleasant, friendly and technologically advanced environment. The center will consist of health professionals of various specializations for a more rounded multi-professional and multi-disciplinary approach. The focal point will be the patient not the disease.

# The Breast Center of Cyprus

Makrasikas,3 2034 Nicosia, Phone: +35722054545 Fax: +35722054544 E-mail: <u>info@breastcenter.org.cy</u> Web-site: <u>www.breastcenter.org.cy</u> The Breast Center of Cyprus

# Available services

Radiology Vuclear Medicine Social Workers Rehabilitation Mutritional Counselling Breast Surgery Reconstructive/Plastic Surgery Genetic Counselling Survivorship Groups **Pathology** Z Data Management Sexual Health Counselling Psycho-oncology Supportive and Palliative Care Medical Oncology **Radiotherapy** Breast Nurses Integrative Medicine Radiology **V** Dedicated Radiologists 2 Available imaging equipment Available breast tissue sampling equipment Mammograms per year 2300 Mammography Breast radiographers Stereotactic Biopsy (Mammography VItrasound Screening program quided) Core Biopsy (Tru-cut) Magnetic Resonance Imaging (MRI) Verification for Vacuum assisted biopsy non-palpable breast lesions 🗹 DEXA on specimen 🗹 Ultrasound-guided biopsy Available work-up imaging Axillary US/US-guided equipment Fine-needle aspiration biopsy **FNAB** (FNAB, cytology) Computer Tomography Clinical Research Core Biopsy VItrasound Vacuum assisted biopsy Magnetic Resonance Imaging (MRI) MRI-guided biopsy V PET/CT scan Core Biopsy Primary technique for localizing Vacuum assisted biopsy non-palpable lesions Hook-wire (or needle localization) Charcoal marking/tattooing ROLL: radio-guided occult lesion localization

#### **Breast Surgery**

- New operated cases per year (benign and malignant) 195
  Dedicated Breast Surgeons 3
  Surgeons with more than 50 surgeries per year 3
  Breast Surgery beds 4
  Breast Nurse specialists 2
  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

# 

## Pathology

Dedicated Breast Pathologists	2	Other special studies available
Available studies		✓ Fluorescence in-situ Hybridization for HER-2 gene (FISH)
🗹 Cytology		🗹 Oncotype Dx (21-gene assay)
Haematoxylin & eosin section (H&E)		🗹 MammaPrint (70-gene microarray)
🗹 Surgical specimen		$\Box$ Prediction Analysis of Microarray 50-gene set (PAM 50)
✓ Sentinel node ✓ Core biopsy		Parameters included in the final pathology report
Frozen section (FS)		Vathology stage (pT and pN)
Surgical specimen		🗹 Tumour size (invasive component in mm)
Sentinel node		🗹 Histologic type
Immunohistochemistry stain (IHC)		🗹 Tumor grade
Stan (Inc)		🗹 ER/PR receptor status
Progesterone receptors		☑ HER-2/neu receptor status
V HER-2		🗹 Peritumoural/Lymphovascular invasion
✓ Ki-67		Margin status

### **Medical Oncology**

Dedicated Breast Medical Oncologists	3
V 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	Specialties/services participating in MDM/TB
V Twice a week	🗹 Radiology
Weekly	🗹 Breast Surgery
Every two weeks	Reconstructive/Plastic Surgery
Other Schedule	Pathology
Cases discussed at MDM/TB	Medical Oncology
	🗹 Radiotherapy
<ul> <li>Preoperative cases</li> <li>Postoperative cases</li> </ul>	Genetic Counselling
M Postoperative cases	Marcast Nurse Service
	Sycho-oncology
	🗹 Nutrician

### **Further Services and Facilities**

#### **Nuclear Medicine**

- V Lymphoscintigraphy
- 🗹 Bone scan
- Positron Emission Tomography (PET)
- V PET/CT scan

#### Rehabilitation

- 🗹 Prosthesis service
- 🗹 Physiotherapy
- 🗹 Lymph-oedema treatment

#### **Genetic Counselling**

Specialist Providing Genetic Counselling/Risk assessment service:

- V Dedicated Clinical Geneticist
- Medical Oncologist
- Breast Surgeon
- General Surgeon
- Gynaecologist
- Genetic Testing available
- Surveillance program for high-risk women

#### **Data Management**

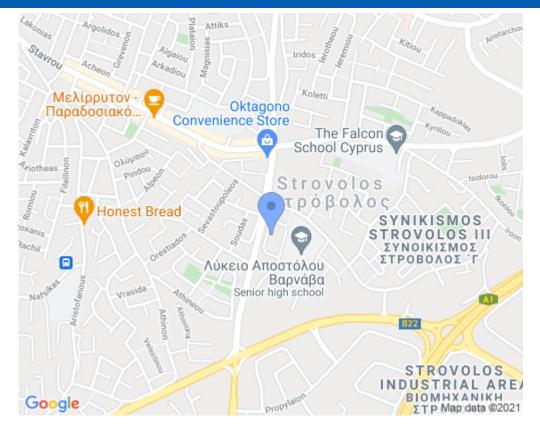
- ☑ Database used for clinical information
- 🗹 Data manager available

# The Breast Center of Cyprus

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#### The Breast Center of Cyprus

### How to reach us



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