



# **BREAST CENTRES NETWORK**

Synergy among Breast Units

# IASO - Marousi, Athens, Greece

#### **General Information**



New breast cancer cases treated per year 34 Breast multidisciplinarity team members Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and

800

The Breast Center of IASO, the leading maternity and gynecological hospital in Greece, is the biggest one in Athens, treating 800 new breast cancer cases/year. It consists of two Breast Clinics, with the 1st Breast Clinic operating under Clinical Director Antonios Keramopoulos, Ass. Professor of Gynaecological Oncology and the 2nd Breast Clinic operating under Clinical Director Grigorios I. Xepapadakis, Breast Surgeon. The Center performs breast screening, the entire range of diagnostic and therapeutic tests, all procedures related to benign and malignant breast pathologies, and postoperative monitoring, mainly in breast cancer patients. The Breast Center houses a division of risk measurement and high-risk women monitoring, a division of physiotherapy and lymphedema, and a division of psychological support. It closely cooperates with the departments of Pathology, Radiotherapy, Pathological Oncology, Medical Imaging, Nuclear Medicine, and Plastic & Reconstructive Surgery. All the Departments participate in the weekly breast tumor board. IASO Breast Center is a highly specialized center for the lege artis treatment of breast diseases, from diagnosis to full patient recovery.

#### **IASO**

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# CERTIFICATION(S) ACCREDITATION(S)

ISO 9001 : 2015

Expiration date: 23 December 2024



**TUV NORD** 

# **TEMOS QUALITY IN INTERNATIONAL PATIENT CARE**

Expiration date: 30 June 2022

**TEMOS** 

INTERNATIONAL

#### 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 9500 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

6

40

2

ROLL: radio-guided occult lesion localization

#### Available breast tissue sampling equipment

- Stereotactic Biopsy (Mammography
  - 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) 930
- Dedicated Breast Surgeons 16 Surgeons with more than 50 surgeries per year
- ✓ Breast Surgery beds
- ☑ Breast Nurse specialists
- 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 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 **Pathology** Dedicated Breast Pathologists 5 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 ✓ Prediction Analysis of Microarray 50-gene set (PAM 50) ✓ Sentinel node Parameters included in the final pathology report Core biopsy ✓ Pathology stage (pT and pN) ✓ Frozen section (FS) ✓ Tumour size (invasive component in mm) ✓ Surgical specimen Mistologic type ✓ Sentinel node ✓ Tumor grade ✓ Immunohistochemistry stain (IHC) ✓ ER/PR receptor status Estrogen receptors ✓ HER-2/neu receptor status Progesterone receptors Peritumoural/Lymphovascular invasion

# **Medical Oncology**

☑ HER-2

✓ Ki-67

✓ Dedicated Breast Medical Oncologists 6 Outpatient systemic therapy Clinical Research

Margin status

Radiotherapy	
<ul><li>✓ Dedicated Radiation Oncologists</li><li>☐ Clinical Research</li></ul>	Available techniques after breast-conserving surgery (including experimental)
	☑ Whole-Breast RT (WBRT)
	✓ Partial breast irradiation (PBI):
	☑ External beam PBI
	$\square$ Interstitial brachytherapy
	$\square$ Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	$\square$ Intra-operative RT (IORT)
Multidisciplinary Meeting (MDM) / Tumour Board	(ТВ)
Regular MDM/TB for case management discussion	Specialties/services participating in MDM/TB
☐ Twice a week	<b>☑</b> 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
	☑ 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
	Gynaecologist
✓ Prosthesis service	
M Physiotherapy	<ul><li>✓ Genetic Testing available</li><li>✓ Surveillance program for high-risk women</li></ul>
☑ Lymph-oedema treatment	
	Data Management
	☑ Database used for clinical information
	☑ Data manager available

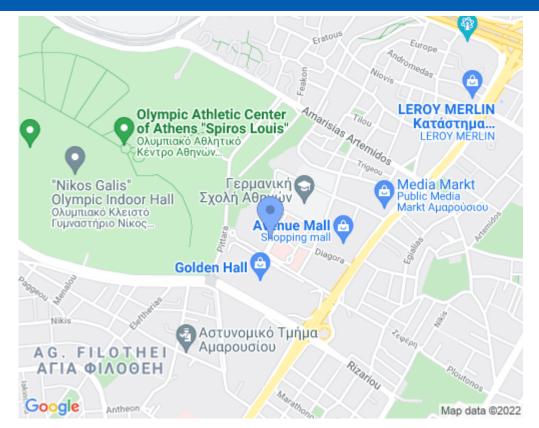
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### From airport:

From "Eleherios Venizelos Airport", use the suburban railway train, bus-stop "Nerantziotissa'.

#### By train:

You can use Line 3 (blue line) of the Metro, change at the bus-stop "Doukissis Plakentias" and then use the suburban railway, bus-stop "Nerantziotissa". From the Port of Piraeus, use Line 1 (green line) of the urban train network, bus-stop "Nerantziotissa".

## By bus or sub-way/underground:

Buses that serve IASO are numbers 550, 7, 14, bus-stop "Olympic Stadium" if you're heading to Kifissia and bus-stop "Exhibition Center" if you are heading to Athens.

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