



BREAST CENTRES NETWORK

Synergy among Breast Units

★ University Hospital 'Tsaritzza Yoanna - ISUL' - Sofia, Bulgaria

General Information



New breast cancer cases treated per year 286

Breast multidisciplinary team members 14

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

Clinical Director: Theophil Sedloev, MD, PhD

The Breast Unit in 'Queen Yoanna' University Hospital was founded in 2010. In our breast center we treat patients with benign and malignant breast diseases of all stages. The multidisciplinary team includes dedicated breast surgeons, pathologists, radiotherapists and specialists in medical oncology. They meet weekly and discuss the breast cancer patients both before and after surgery, making up an uniformed and consistent approach in breast cancer treatment. Our team is highly professional and offers the best treatment opportunities to the patients (in surgeries, breast reconstructions, adjuvant and neoadjuvant settings). Since December 2015 intraoperative radiotherapy (IORT) is available for early breast cancer patients.

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CERTIFICATION(S) ACCREDITATION(S)

BCCERT - Breast Centres Certification

Expiration date: 01 March 2017



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.

ISO 9001:2008

Expiration date: 17 July 2017

Transpacific certification LTD

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** 2
- Mammograms per year** 4200
- 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
- SPECT/CT

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)** 606
- Dedicated Breast Surgeons** 4
- Surgeons with more than 50 surgeries per year** 1
- Breast Surgery beds** 6
- 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 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
- Lipofilling

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

Medical Oncology

- Dedicated Breast Medical Oncologists** 1
- 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

Further Services and Facilities

Nuclear Medicine

Lymphoscintigraphy

Bone scan

Positron Emission Tomography (PET)

PET/CT scan

SPECT/ CT

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

Geneticist

Genetic Testing available

Surveillance program for high-risk women

Data Management

Database used for clinical information

Data manager available

Contact details

Clinical Director

Theophil Sedloev, MD, PhD	Head of Breast Unit	theosed@abv.bg	+359888624327
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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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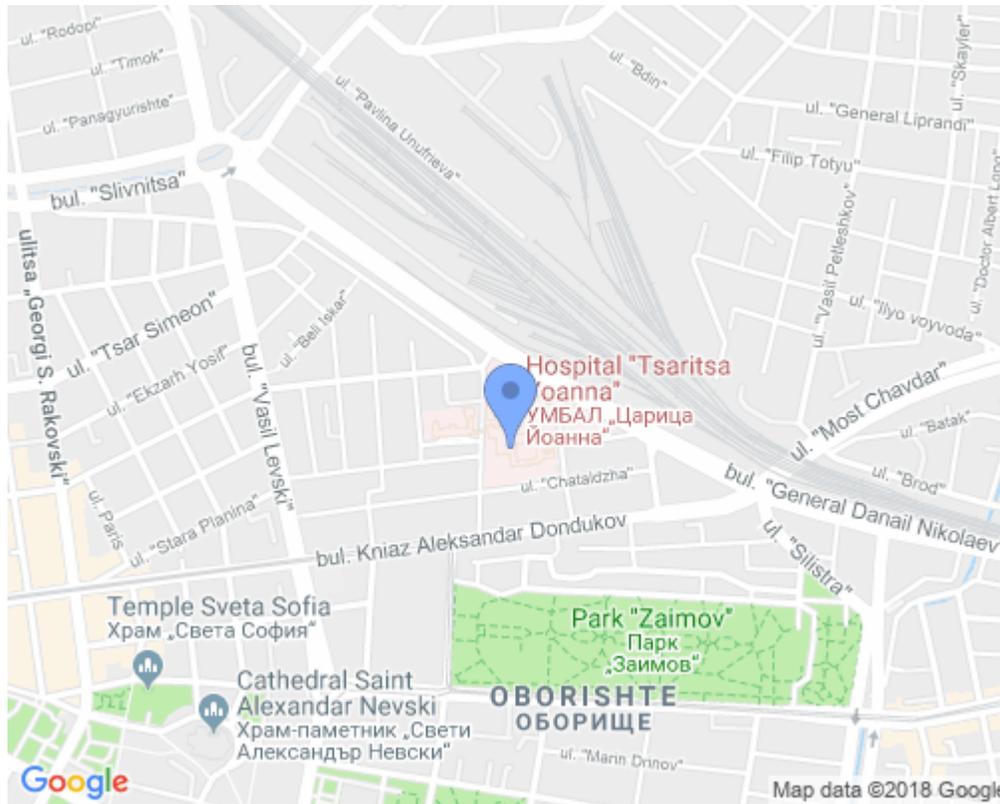
Medical Oncology

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Radiotherapy

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From airport:

We suggest to take a taxi: Address: Brussels bulv - Tsarigradsko shose - Vasil Levski bulv- Dondukov bulv - 8 Bialo More str.

By train:

Nearest stations: Maria Luisa bulv - Dondukov bulv - 8 Bialo More str

By bus or sub-way/underground:

Nearest station: Sofia University subway station

By car:

Address: Brussels bulv - Tsarigradsko shose - Vasil Levski bulv- Dondukov bulv - 8 Bialo More str.

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