



# BREAST CENTRES NETWORK

Synergy among Breast Units

## Surgical Oncology/Clinical Center Sarajevo - Sarajevo, Bosnia and Herzegovina

### General Information



**New breast cancer cases treated per year** **200**

**Breast multidisciplinary team members** **24**

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

**Clinical Director:** Šefik Bešlić, MD

The full name of the Clinic is 'Oncology and Glandular Surgery Clinic'. At the beginning, in 1956, the Clinic was made up of just the surgery division that then became wards and department. Since then, the Clinic has been evaluated in many ways, treating patients even during the three and a half year long siege of the city of Sarajevo. After the new organization of our Clinical center, the Clinic was transferred to the location of „Old Surgery“ where it is based now. Since 2003, Primaries Dr. Šefik Bešlić has been nominated as the Head of the Clinic and the Clinic itself, along with all previous activities, has developed its range of operational treatments regarding oncology surgery. Within the Clinic there are two standard patient wards with 29 beds, half intensive care department and one suit. For outpatients we have a specialist ambulance for examinations. Clinic has its own operational theatre with corresponding equipment.

### **Surgical Oncology/Clinical Center Sarajevo**

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## 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** 2000
- 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
- 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)** 420
- Dedicated Breast Surgeons** 6
- Surgeons with more than 50 surgeries per year** 3
- Breast Surgery beds** 29
- Breast Nurse specialists** 15
- 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** \_\_\_\_\_ 2
- 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

**Pathology**

- Dedicated Breast Pathologists** \_\_\_\_\_ 1

**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** \_\_\_\_\_ 3
- 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**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 Genetic Testing available Surveillance program for high-risk women**Data Management** Database used for clinical information Data manager available

## Contact details

## Clinical Director

Šefik Bešlić, MD	Head of the Clinic	<a href="mailto:beslics1@bih.net.ba">beslics1@bih.net.ba</a>	+38733258430
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## Radiology

Vanesa Beslagić, MD	Radiologist	<a href="mailto:vanesab@bih.net.ba">vanesab@bih.net.ba</a>	
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## Breast Surgery

Emir Bicakčić, MD	Surgery Resident	<a href="mailto:ebicakcic@gmail.com">ebicakcic@gmail.com</a>	+38761257824
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## Reconstructive Surgery

Alija Agincić, MD	Plastic Surgeon	<a href="mailto:agal@bih.net.ba">agal@bih.net.ba</a>	+38761173703
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## Pathology

Nurija Bilalović, PhD	Pathologist	<a href="mailto:nurija62@gmail.com">nurija62@gmail.com</a>	+38761184453
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## Medical Oncology

Timur Cerić, MD	Oncology Resident	<a href="mailto:timur_ceric@yahoo.com">timur_ceric@yahoo.com</a>	+38761260021
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## Radiotherapy

Mirela Kalamujić, MD	Radiation Oncologist	<a href="mailto:mkalamujic@yahoo.com">mkalamujic@yahoo.com</a>	
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How to reach us



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**From airport:**

At Sarajevo airport take a taxi to reach the Clinical Center (30 min).

**By train:**

Railway station is located close to the Clinical center (15 min. walk or take a taxi).

**By bus or sub-way/underground:**

Bus number 14 and 17 will take you directly from the city center to the Clinical Center.

**By car:**

Arriving from Zenica (Northwest) take Alipašina street, then turn left to Bolnicka st.

Direction Mostar (west) take Meša Selimovic blvd. and straight ahead to Zmaja od Bosne, Hiseta st. turn left in Alipašina st. and then turn right to Bolnicka st.

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