



BREAST CENTRES NETWORK

Synergy among Breast Units

Internal Affairs Hospital - Bialystok, Poland

General Information



New breast cancer cases treated per year 200

Breast multidisciplinary team members 20

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

Clinical Director: Leszek Kozlowski, MD

The Breast Unit was established in 2005 by Leszek Kozlowski MD. We treat about 200 patients with diagnosed breast cancer every year. Our Breast Unit is the second center in Bialystok city that treats oncological patients in north-eastern Poland.

Internal Affairs Hospital

47 Fabryczna Str.

15-047 Bialystok,

Phone: +48858694956

Fax: +48858693566

E-mail: leszek@kozlowski.pl

Web-site: www.zozmswia.bialystok.pl

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** 3000
- 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)** 321
- Dedicated Breast Surgeons** 4
- Surgeons with more than 50 surgeries per year** 3
- Breast Surgery beds** 12
- Breast Nurse specialists** 8
- 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

Pathology

- Dedicated Breast Pathologists** _____ 3

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** _____ 2
- 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 Clinical Geneticist outside the Breast Unit Genetic Testing available Surveillance program for high-risk women**Data Management** Database used for clinical information Data manager available

Contact details

Clinical Director

Leszek Kozlowski, MD	Head of the Breast Unit	leszek@kozlowski.pl	+48601331281
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Radiology

Kubas Bozena, MD	Head of Radiology Dpt.	kubas.b@wp.pl	+48515539062
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Breast Surgery

Leszek Kozlowski, MD	Head of Surgical Oncology Dpt. and Breast Unit	leszek@kozlowski.pl	+48601331281
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Reconstructive Surgery

Andrzej Dmitruk, MD	Senior Assistant		+48602108022
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Pathology

Wojciech Rogulski, MD	Head of Pathology Dpt.		+48603178667
Andrzej Namiot, MD	Pathologist		+48601384420

Medical Oncology

Bogumiła Czartoryska-Arlukowicz, MD	Head of the Outpatient Clinic		+48503318641
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Radiotherapy

Ewa Rozkowska, PhD	Radiologist	ewadarian@gmail.com	+48501452368
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How to reach us



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Web-site: www.zozmswia.bialystok.pl

From airport:

From Warsaw airport take the train to Białystok. Our hospital is located in the city centre.

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