



# BREAST CENTRES NETWORK

Synergy among Breast Units

## ★ Istituto Tumori 'Giovanni Paolo II' - I.R.C.C.S. Bari - Bari, Italy

### General Information



**New breast cancer cases treated per year** 404

**Breast multidisciplinary team members** 17

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

**Clinical Director:** Maurizio Ressa, MD

The treatment of breast cancer necessarily requires a multidisciplinary approach. Several figures contribute to this goal: breast surgeons, plastic surgeons, oncologists, radiologists, radiation therapists, anesthesiologists, pathologists, nuclear physicians, physicists, geneticists, physiotherapists, dedicated nurses. To offer patients the best treatment possible, the European Community has established that, from 1st of January 2016, breast cancer treatment should only take place in specialized centres, performed by a multidisciplinary dedicated team. Following this statement and thanks to the considerable efforts of strategic management, 'I.R.C.C.S - Giovanni Paolo II Cancer Institute' in Bari opened its Breast Unit, a centre of excellence in the treatment of breast cancer. Our breast unit is efficient and follows the criteria and quality guidelines issued by EUSOMA, the European Society of Mastology.

### **Istituto Tumori 'Giovanni Paolo II' - I.R.C.C.S. Bari**

Viale Orazio Flacco 65

70124 Bari,

Phone: +390805555111

Fax: +390805555032

E-mail: [breastunit@oncologico.bari.it](mailto:breastunit@oncologico.bari.it)

Web-site: [www.sanita.puglia.it/portal/page/portal/SAUSSC](http://www.sanita.puglia.it/portal/page/portal/SAUSSC)

CERTIFICATION(S) ACCREDITATION(S)

**O.E.C.I.**

Expiration date: 01 January 2024



Organisation of European Cancer  
Institutes

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** 3
- Mammograms per year** 10000
- 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)** 452
- Dedicated Breast Surgeons** 5
- Surgeons with more than 50 surgeries per year** 4
- Breast Surgery beds** 12
- 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

## Reconstructive/Plastic Surgery

**Reconstructive/Plastic surgeons** 6

**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** 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
- Presence of intraductal carcinoma and dysplastic lesions associated percentage

## 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

Data Manager

## 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

Maurizio Ressa, MD	Coordinator	<a href="mailto:maurizio.rc@libero.it">maurizio.rc@libero.it</a>	+390805555906
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## Radiology

Rosalba Dentamaro, MD	Staff Radiologist	<a href="mailto:rosalbadentamaro@libero.it">rosalbadentamaro@libero.it</a>	+390805555323
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## Breast Surgery

Sergio Diotaiuti, MD	Director of Breast Surgery Unit	<a href="mailto:sergiodiotaiuti@gmail.com">sergiodiotaiuti@gmail.com</a>	+390805555595
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## Reconstructive Surgery

Maurizio Ressa, MD	Director of Plastic Surgery Unit	<a href="mailto:maurizio.rc@libero.it">maurizio.rc@libero.it</a>	+390805555906
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## Pathology

Alfredo Zito, MD	Responsible of Departemental Unit of Pathology	<a href="mailto:g.simone@oncologico.bari.it">g.simone@oncologico.bari.it</a>	+390805555904
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## Medical Oncology

Francesco Giotta, MD	Director of Complex Unit of Oncology	<a href="mailto:francescogiotta@libero.it">francescogiotta@libero.it</a>	+390805555909
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## Radiotherapy

Marco Lioce, MD	Director of Radiotherapy Department	<a href="mailto:m.lioce@oncologico.bari.it">m.lioce@oncologico.bari.it</a>	+390805555211
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How to reach us



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70124 Bari,

Phone: +390805555111

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**From airport:**

Exit from the airport, follow indications for 'Tangenziale SS16', take SS16 Road in direction South (Bari Centro/Brindisi Taranto), take the exit N°11 (Bari centro/Poggiofranco), follow the street Via Camillo Rosalba: you will encounter the hospital right at the end of the road.

**By train:**

Take the Train FR2 from the train station at the Airport K.W. Stop at Bari central station. Then you can take a taxi (almost 10 min) or walk (almost 35 min).

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