General Information

New breast cancer cases treated per year 360
Breast multidisciplinarity 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. In order to offer patients the best treatment possible, the European Community has established that, from 1st of January 2016, treatment of breast cancer should only take place in specialized centers, 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 center 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
Web-site: www.sanita.puglia.it/portal/page/portal/SAUSSC
CERTIFICATION(S) ACCREDITATION(S)

O.E.C.I.
Expiration date: 01 January 2018

Oragnisation 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
- **Dedicated Radiologists**: 3
- **Mammograms per year**: 9000
- **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**

## 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
- 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
- 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
- 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

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Clinical Director</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maurizio Ressa, MD</td>
<td>Coordinator</td>
<td><a href="mailto:maurizio.rc@libero.it">maurizio.rc@libero.it</a></td>
<td>+390805555906</td>
</tr>
<tr>
<td><strong>Radiology</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rosalba Dentamaro, MD</td>
<td>Staff Radiologist</td>
<td><a href="mailto:rosalbadentamaro@libero.it">rosalbadentamaro@libero.it</a></td>
<td>+3908055555323</td>
</tr>
<tr>
<td><strong>Breast Surgery</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sergio Diotaiuti, MD</td>
<td>Director of Breast Surgery Unit</td>
<td><a href="mailto:sergiodiotaiuti@gmail.com">sergiodiotaiuti@gmail.com</a></td>
<td>+390805555595</td>
</tr>
<tr>
<td><strong>Reconstructive Surgery</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maurizio Ressa, MD</td>
<td>Director of Plastic Surgery Unit</td>
<td><a href="mailto:maurizio.rc@libero.it">maurizio.rc@libero.it</a></td>
<td>+390805555906</td>
</tr>
<tr>
<td><strong>Pathology</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alfredo Zito, MD</td>
<td>Responsible of Departemental Unit of Pathology</td>
<td><a href="mailto:g.simone@oncologico.bari.it">g.simone@oncologico.bari.it</a></td>
<td>+390805555904</td>
</tr>
<tr>
<td><strong>Medical Oncology</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Francesco Giotta, MD</td>
<td>Director of Complex Unit of Oncology</td>
<td><a href="mailto:francescogiotta@libero.it">francescogiotta@libero.it</a></td>
<td>+390805555909</td>
</tr>
<tr>
<td><strong>Radiotherapy</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marco Lioce, MD</td>
<td>Director of Radiotherapy Department</td>
<td><a href="mailto:m.lioce@oncologico.bari.it">m.lioce@oncologico.bari.it</a></td>
<td>+390805555211</td>
</tr>
</tbody>
</table>
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
Web-site: www.sanita.puglia.it/portal/page/portal/SAUSSC

From airport:
Exit from airport, follow indications for ‘tangenziale SS16’, take SS16 Road in directon 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 street.

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).

Last modified: 04 May 2018