



BREAST CENTRES NETWORK

Synergy among Breast Units

U.O.C di Radiologia - Senologia - Osp. S. Paolo - ASL BA - Bari, Italy

General Information



New breast cancer cases treated per year **300**

Breast multidisciplinary team members **14**

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

Though our group has not been defined as a proper Breast Unit yet, since 1999 we operate according to the criteria and typical collaborations of a Breast Unit, with close relations between the various operators in different departments.

Therefore we think that we can be considered a real Breast Unit in practice, with at least ten years of experience.

U.O.C di Radiologia - Senologia - Osp. S. Paolo - ASL BA

C.da Caposcardicchio

70123 Bari, Italy

Phone: +390805843389

Fax: +390805843500

E-mail: senologia.sanpaolo@asl.bari.it

Web-site: www.asl.bari.it/

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** 5
- Mammograms per year** 18000
- 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)
- Ductogalactography

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)** 467
- Dedicated Breast Surgeons** 2
- Surgeons with more than 50 surgeries per year** 2
- Breast Surgery beds** 10
- 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 3

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
- NAC Reconstruction, Lipofilling

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

Clinical biochemist

Genetic Testing available

Surveillance program for high-risk women

Data Management

Database used for clinical information

Data manager available

Contact details

Radiology

Antonietta Ancona, MD	Head of the Radiology Unit	senologia.sanpaolo@asl.bari.it	+390805843389
Daniele La Forgia, MD	Radiology Staff	dr.laforgia@inwind.it	+393284168325
Emanuela Garasto, MD	Radiology Staff	emanuelagarasto@virgilio.it	+393663336572
Fabio Felice Mangieri, MD	Radiology Staff	mangieri.fabio@libero.it	+393480648785
Angela Vestito, MD	Radiology Staff	angela_vestito@libero.it	+393403733173
Alessandra Gaballo, MD	Radiology Staff	granderafa@hotmail.it	+393397635134

Breast Surgery

Stefano Rinaldi	Head of General Surgery Dpt.	solostefano@alice.it	+39360828686
Olindo Custodero	Staff Surgeon		+39368577082

Reconstructive Surgery

Corrado Minervini, MD	Staff Surgeon	corrado.minervini@libero.it	+393381621771
Vincenzo Perchinunno, MD	Staff Surgeon	vperchi@tin.it	+393286553872

Pathology

Francesco Zito	Director of Pathology Dpt.	fazito@fastwebnet.it	+390805843304
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Medical Oncology

Nicola Marzano	Head of the Medical Oncology Unit	nicomrz@tiscali.it	+390805843231
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How to reach us



U.O.C di Radiologia - Senologia - Osp. S. Paolo - ASL BA

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From airport:

From 'Karol Wojtyla' Airport(<http://www.aeroportidipuglia.it/>) taxis are available in the square in front of the airport (phone number +39 080 5316166).

By train:

The hospital is directly connected to Bari central railway station by metropolitan railway San Paolo (<http://www.ferrovienordbarese.it/>). Trains leave every 20 min and take a maximum time of 11 min. Taxi services is available in front of Bari Central Railway Station (phone number +39 080 5210600).

By bus or sub-way/underground:

Bus n° 3 from Bari Central railway Station; n° 33 from S. Spirito, Palese.

By car:

Highway A14: exit Bari Nord SS 16 bis to Foggia: exit n° 5, follow indications to the hospital.

Last modified: 10 December 2012