



# BREAST CENTRES NETWORK

Synergy among Breast Units

## ★ Fondazione IRCCS Policlinico San Matteo - Pavia, Italy

### General Information



**New breast cancer cases treated per year** **305**

**Breast multidisciplinary team members** **17**

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

**Clinical Director:** Adele Sgarella, MD

A Breast Cancer Multidisciplinary Group has been working in our hospital since 2004. In april 2010 the Breast Center was established at Fondazione IRCCS Policlinico San Matteo. The multidisciplinary team includes radiologists, breast surgeons, one plastic surgeon, medical oncologists, radiation oncologists, pathologists, nuclear doctors, one psychologist, residents and breast nurses whose activity is dedicated to breast diseases. Our facility includes a Diagnostic Imaging Center (screening and diagnosis) and the Breast Center Outpatient Clinic (Surgery). The Tumour board is held weekly for case discussion and scientific update. The Breast Center provides care for all stages of BC: neo- and adjuvant chemotherapy, oncoplastic and mini-invasive video-assisted surgery, breast reconstruction, radio-guided surgery (ROLL), Sentinel Node Biopsy, treatment of locally advanced and metastatic BC, rehabilitative and psychological support. We also offer a multidisciplinary approach for risk assessment, including BRCA 1-2 test, surveillance program and risk-reduction surgery for high-risk women described in a PDTA of the breast unit.

### **Fondazione IRCCS Policlinico San Matteo**

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CERTIFICATION(S) ACCREDITATION(S)

**BCCERT - Breast Centres Certification**

Expiration date: 31 December 2022



Certification document (eng lang.)

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** 4
- ✓ **Mammograms per year** 4390
- ✓ **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)
- ✓ Tomosintesis, CESH

**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)** 342
- ✓ **Dedicated Breast Surgeons** 3
- ✓ **Surgeons with more than 50 surgeries per year** 3
- ✓ **Breast Surgery beds** 8
- ✓ **Breast Nurse specialists** 3
- ✓ **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** 2

### 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** 4

**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 Osteo-metabolic Pathology Outpatient**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

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## Reconstructive Surgery

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## Pathology

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## Radiotherapy

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**From airport:**

From Milano Malpensa Airport or From Milano Linate Airport

**By train:**

From Central Station Milano by train in 30 minutes

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

From Rogoredo Station by Subway S13

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