



# BREAST CENTRES NETWORK

Synergy among Breast Units

## ★ Senologia Multimedica - Milano, Italy

### General Information



**New breast cancer cases treated per year** 301

**Breast multidisciplinary team members** 22

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

**Clinical Director:** Bettina Ballardini, MD

The Breast Center MultiMedica has recognized specialists with experience at prestigious international institutions and has clinical and research collaboration with breast centres in Switzerland (Italian Switzerland). The centre is a place of care designed to meet the demands of women with breast diseases. Our multidisciplinary approach (radiologists, pathologists, gynaecologists, breast surgeons, plastic surgeons, radiation therapists, specialist nurses and psychologists) provides a round-clinical care, which starts from screening or diagnostic imaging, continues with a preoperative assessment with cyto-histological diagnosis, surgery with available immediate breast reconstruction and medical and radiotherapy management. The Breast Unit MultiMedica offers the last generation technique, Intraoperative radiotherapy or IORT (Intraoperative Radiation Therapy), which allows administration of a high radiation dose at the site of the lesion tumor during surgery. For more information: [www.multimedica.it](http://www.multimedica.it)

### **Senologia Multimedica**

Via Fantoli Gaudenzio 16/15

20138 Milano,

Phone: +39 0285994424

Fax: +39 0285994800

E-mail: [guillermo.bassani@gmail.com](mailto:guillermo.bassani@gmail.com)

Web-site: <http://www.multimedica.it/it/page/centro-di-senologia/a977ea19-fa11-487d-b51f-a2df12fa5d4c>

CERTIFICATION(S) ACCREDITATION(S)

**BCCERT - Breast Centres Certification**

Expiration date: 31 December 2024



Certification document (original lang.)

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** 5
- Mammograms per year** 15000
- 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)** 432
- Dedicated Breast Surgeons** 5
- Surgeons with more than 50 surgeries per year** 4
- Breast Surgery beds** 6
- 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** \_\_\_\_\_ 4
- 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** \_\_\_\_\_ 5
- 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

DataManager,

**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

Bettina Ballardini, MD	Director	<a href="mailto:bettina.ballardini@gmail.com">bettina.ballardini@gmail.com</a>	+39 0285994424
------------------------	----------	--	----------------

## Radiology

Daniela Gandini	Staff Radiologist	<a href="mailto:daniela.gandini@multimedica.it">daniela.gandini@multimedica.it</a>	+39 0285994670
-----------------	-------------------	--	----------------

## Breast Surgery

Bettina Ballardini, MD	Director	<a href="mailto:bettina.ballardini@gmail.com">bettina.ballardini@gmail.com</a>
------------------------	----------	--

Bassani Luis Guillermo, MD	Assistant	<a href="mailto:guillermo.bassani@gmail.com">guillermo.bassani@gmail.com</a>
----------------------------	-----------	--

## Reconstructive Surgery

Fabio Caviggioli	Director	<a href="mailto:fabio.caviggioli@multimedica.it">fabio.caviggioli@multimedica.it</a>	+390285994424
------------------	----------	--	---------------

## Pathology

Donata Micello, MD	Head of Pathology Dpt.	<a href="mailto:donata.micello@multimedica.it">donata.micello@multimedica.it</a>
--------------------	------------------------	--

## Medical Oncology

Eraldo Bucci, MD	Head of Oncology Dpt.	<a href="mailto:eraldo.bucci@multimedica.it">eraldo.bucci@multimedica.it</a>	+390331393349
------------------	-----------------------	--	---------------

## Radiotherapy

Gianpiero Catalano, MD	Head of Radiotherapy Dpt.	<a href="mailto:gianpiero.catalano@multimedica.it">gianpiero.catalano@multimedica.it</a>	+390331393177
------------------------	---------------------------	--	---------------

How to reach us



**Senologia Multimedia**

Via Fantoli Gaudenzio 16/15

20138 Milano,

Phone: +39 0285994424

Fax: +39 0285994800

E-mail: [guillermo.bassani@gmail.com](mailto:guillermo.bassani@gmail.com)

Web-site: <http://www.multimedica.it/it/page/centro-di-senologia/a977ea19-fa11-487d-b51f-a2df12fa5d4c>

**From airport:**

[www.multimedica.it](http://www.multimedica.it)

**By train:**

[www.multimedica.it](http://www.multimedica.it)

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

[www.multimedica.it](http://www.multimedica.it)

**By car:**

[www.multimedica.it](http://www.multimedica.it)

**Last modified:** 25 October 2021