



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Breast Centre Humanitas Catania - Misterbianco, Italy

General Information



New breast cancer cases treated per year **599**

Breast multidisciplinary team members **23**

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

Clinical Director: **Francesco Caruso, MD**

Humanitas Istituto Clinico Catanese is a reference center for the region for the diagnosis and treatment of abdominal, gynecological, mammary and thyroid diseases. Two new operating units have recently been added: orthopedics and neurosurgery. The center was founded in 1958 and is a highly specialized structure, accredited by the National Health Service - SSN for all its clinical activities.

Breast Centre Humanitas Catania

Contrada Cubba, SP 54 n.11

95045 Misterbianco,

Phone: +390957339000

Fax:

E-mail: comunicazione@ccocatania.it

Web-site: www.humanitascatania.it

CERTIFICATION(S) ACCREDITATION(S)

BCCERT - Breast Centres Certification

Expiration date: 12 November 2023



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.

Joint Commission International

Expiration date: 25 September 2023

Joint Commission International

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** 5
- Mammograms per year** 6223
- 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)** 725
- Dedicated Breast Surgeons** 3
- Surgeons with more than 50 surgeries per year** 3
- Breast Surgery beds** 20
- Breast Nurse specialists** 4
- 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** 2
- ✓ **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** 4

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** 6
- ✓ **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 Management

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

Francesco Caruso, MD	Head of Surgical Oncology Dpt.	francesco.caruso@ccocatania.it	+3909573390162
----------------------	--------------------------------	--	----------------

Radiology

Francesco Pane, MD	Head of Breast Imaging Dpt.	francesco.pane@ccocatania.it	+3909573390632
--------------------	-----------------------------	--	----------------

Giuseppe Aranzulla, MD	Head of Imaging Dpt.	giuseppe.aranzulla@ccocatania.it	+3909573390171
------------------------	----------------------	--	----------------

Roberta Rindone, MD	Breast Radiologist	roberta.rindone@ccocatania.it	+3909573390143
---------------------	--------------------	--	----------------

Stefania La scola, MD	Breast Radiologist	stefania.lascola@ccocatania.it	+3909573390143
-----------------------	--------------------	--	----------------

Giuliana Costanzo, MD	Breast Radiologist	giuliana.costanzo@ccocatania.it	+3909573390143
-----------------------	--------------------	--	----------------

Breast Surgery

Francesco Caruso, MD	Head of Surgery Dpt.	francesco.caruso@ccocatania.it	+3909573390162
----------------------	----------------------	--	----------------

Gaetano Castiglione, MD	Staff Surgeon	gaetano.castiglione@ccocatania.it	+3909573390103
-------------------------	---------------	--	----------------

Giuseppe Privitera, MD	Staff Surgeon	giuseppe.privitera@ccocatania.it	+3909573390173
------------------------	---------------	--	----------------

Reconstructive Surgery

Dario Virzi, MD	Plastic Surgeon	dario.virzi@ccocatania.it	+3909573390170
-----------------	-----------------	--	----------------

Marco Latino, MD	Plastic surgeon	marco.latino@ccocatania.it	+3909573390164
------------------	-----------------	--	----------------

Pathology

Antonio Rizzo, MD	Head of Pathology Dpt.	antonio.rizzo@ccocatania.it	+3909573390767
-------------------	------------------------	--	----------------

Fabio Motta, MD	Anatomopathologist	fabio.motta@ccocatania.it	+3909573390831
-----------------	--------------------	--	----------------

Giuseppe Nuciforo, MD	Senior Consultant	giuseppe.nuciforo@ccocatania.it	+3909573390157
-----------------------	-------------------	--	----------------

Giorgia Leone, MD	Anatomopathologist	giorgia.leone@ccocatania.it	+3909573390821
-------------------	--------------------	--	----------------

Medical Oncology

Carlo Carnaghi, MD	Head of Medical Oncology Dpt.	carlo.carnaghi@ccocatania.it	+3909573390291
--------------------	-------------------------------	--	----------------

Michele Caruso, MD	Medical Oncologist	michele.caruso@ccocatania.it	+3909573390199
--------------------	--------------------	--	----------------

Giuseppa Fallica, MD	Medical Oncologist	giosi.fallica@ccocatania.it	+3909573390120
----------------------	--------------------	--	----------------

Maurizio Chiarenza, MD	Medical Oncologist	maurizio.chiarenza@ccocatania.it	+3909573390109
------------------------	--------------------	--	----------------

Rosanna Aiello, MD	Medical Oncologist	rosanna.aiello@ccocatania.it	+3909573390175
--------------------	--------------------	--	----------------

Maria Vita Sanò, MD	Medical Oncologist	maria_vita.sano@ccocatania.it	+3909573390197
---------------------	--------------------	--	----------------

Radiotherapy

Andrea Girlando, MD	Head of Radiotherapy Dpt.	andrea.girlando@ccocatania.it	+3909573390134
---------------------	---------------------------	--	----------------

Alfio Di Grazia, MD	Radiotherapist	alfio.digrazia@ccocatania.it	+3909573390371
---------------------	----------------	--	----------------

Antonino D'agostino, MD	Radiotherapist	nino.dagostino@ccocatania.it	+3909573390156
-------------------------	----------------	--	----------------

Lorenza Marino, MD	Radiotherapist	lorenza.marino@ccocatania.it	+3909573390372
--------------------	----------------	--	----------------

How to reach us



Breast Centre Humanitas Catania

Contrada Cubba, SP 54 n.11

95045 Misterbianco,

Phone: +390957339000

Fax:

E-mail: comunicazione@ccocatania.it

Web-site: www.humanitascatania.it

From airport:

Fontanarossa Airport, a stopover for national and international flights, is about 20 minutes by car (Catania ring road, towards Messina, exit 'Catania San Giorgio').

By train:

Catania Central Station (Stazione Centrale Catania).

By bus or sub-way/underground:

Not applicable.

By car:

For those coming from outside the city, follow the Catania ring road and take the 'San Giorgio' junction following the appropriate signs.

Last modified: 13 February 2018