

# **BREAST CENTRES NETWORK**

Synergy among Breast Units

# 😫 Ospedale Sacro Cuore Don Calabria - Negrar, Italy

**General Information** 



New breast cancer cases treated per year 240

Breast multidisciplinarity team members 17 Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and nurses

Clinical Director: Alberto Massocco, MD

Breast Surgery takes care of the woman who has been diagnosed with breast cancer. We provide multidisciplinary care and the most advanced therapies. Physicians collaborate within the Multidisciplinary Group, including surgeons, medical oncologists, pathologists, radiologists, radiation oncologists, nuclear physicians, and plastic surgeons. A weekly meeting is organized. Our goal is to offer a tailored therapy for every woman at every stage of the disease. Breast conservative surgery has great importance. Intraoperative frozen section examination of sentinel node and intraoperative radiotherapy (IORT) is available. In the case of mastectomy, we offer skin-sparing mastectomy and nipple-sparing mastectomy with immediate reconstruction.

## **Ospedale Sacro Cuore Don Calabria**

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## Available services

Vuclear Medicine Social Workers Radiology Rehabilitation Mutritional Counselling Breast Surgery Reconstructive/Plastic Surgery Genetic Counselling Survivorship Groups Z Data Management **Pathology** Sexual Health Counselling Psycho-oncology Supportive and Palliative Care Medical Oncology **Radiotherapy** Mareast Nurses Integrative Medicine Radiology **V** Dedicated Radiologists 5 Available imaging equipment Available breast tissue sampling equipment Mammograms per year 9000 Mammography Breast radiographers Stereotactic Biopsy (Mammography VItrasound Screening program quided) Magnetic Resonance Imaging (MRI) Core Biopsy (Tru-cut) Verification for non-palpable breast lesions Vacuum assisted biopsy Multiple Tomosynthesis. 3D Ultrasound on specimen 🗹 Ultrasound-guided biopsy Axillary US/US-guided Available work-up imaging Fine-needle aspiration biopsy equipment **FNAB** (FNAB, cytology) Clinical Research Core Biopsy Computer Tomography Vacuum assisted biopsy VItrasound Magnetic Resonance Imaging (MRI) MRI-guided biopsy Core Biopsy V PET/CT scan Vacuum assisted biopsy Primary technique for localizing non-palpable lesions Hook-wire (or needle localization) Charcoal marking/tattooing ROLL: radio-guided occult lesion localization

### **Breast Surgery**

New operated cases per year (benign and malignant) 305
 Dedicated Breast Surgeons
 Surgeons with more than 50 surgeries per year
 Breast Surgery beds
 Breast Nurse specialists
 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

econstructive/Plastic Surgery		
Reconstructive/Plastic surgeons	3	Type of breast reconstructive surgery available
Immediate Reconstruction available		Remodelling after breast-conserving surgery
		V Reconstruction after mastectomy:
		Two-stage reconstruction (tissue expander followed by implant)
		One-stage reconstruction
		🗹 Autogenous tissue flap
		🗹 Latissimus dorsi flap
		V Transverse rectus abdominis (TRAM)
		Free-flaps (free TRAM, DIEP, SIEA, gluteal, etc.)
		$ ot\!$
		☑ Lipofilling

# Pathology

Dedicated Breast Pathologists	2 Other special st	tudies available
Available studies	Fluorescence	in-situ Hybridization for HER-2 gene (FISH)
🗹 Cytology	Oncotype Dx	(21-gene assay)
🗹 Haematoxylin & eosin section (H&E)	MammaPrint	(70-gene microarray)
Surgical specimen	Prediction Ana	alysis of Microarray 50-gene set (PAM 50)
Sentinel node	SISH	
Core biopsy	Parameters incl	luded in the final pathology report
Frozen section (FS) Surgical specimen	Pathology sta	ge (pT and pN)
Sentinel node	🗹 Tumour size (	(invasive component in mm)
	🗹 Histologic typ	e
Immunohistochemistry stain (IHC) Estrogen receptors	🗹 Tumor grade	
Progesterone receptors	🗹 ER/PR recept	or status
V HER-2	🗹 HER-2/neu re	eceptor status
✓ Ki-67	V Peritumoural/	Lymphovascular invasion
	🗹 Margin status	

## Medical Oncology

- ✓ Dedicated Breast Medical Oncologists
   3

   ✓ Outpatient systemic therapy
   3
- 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	Specialties/services participating in MDM/TB
Twice a week	Madiology
🗹 Weekly	Marast Surgery
Every two weeks	Reconstructive/Plastic Surgery
Other Schedule	M Pathology
Cases discussed at MDM/TB	Medical Oncology
	Madiotherapy
Preoperative cases	M Genetic Counselling
M Postoperative cases	Breast Nurse Service
	Psycho-oncology

### **Further Services and Facilities**

#### **Nuclear Medicine**

- V Lymphoscintigraphy
- 🗹 Bone scan
- Positron Emission Tomography (PET)
- V PET/CT scan

#### Rehabilitation

- V Prosthesis service
- V Physiotherapy
- 🗹 Lymph-oedema treatment
- 🗹 Scar Treatment

#### **Genetic Counselling**

Specialist Providing Genetic Counselling/Risk assessment service:

- V Dedicated Clinical Geneticist
- Medical Oncologist
- Breast Surgeon
- General Surgeon
- Gynaecologist
- Genetic Testing available
- Surveillance program for high-risk women

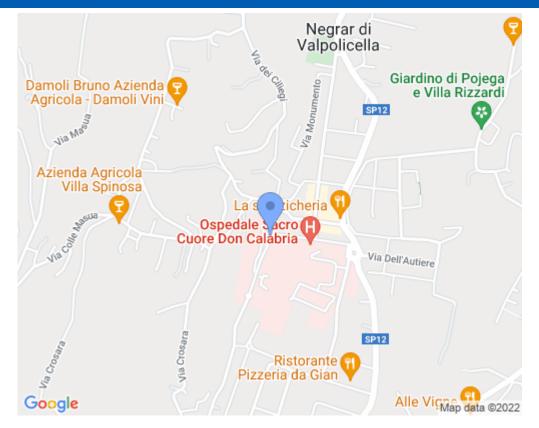
#### **Data Management**

- ☑ Database used for clinical information
- 🗌 Data manager available

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## How to reach us



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## From airport:

From Verona Airport take a shuttle bus to the railway station Verona Porta Nuova. In front of the station take a bus to Negrar (information on tickets and timetable at the APT Office, just outside the Station). Bus stop: Negrar Hospital. From the airport by car, take Brennero Highway (A22), exit Verona Nord. Go straight on the main road until the end, then turn right and follow indications to Negrar.

## By train:

Railway station Verona Porta Nuova.

## By bus or sub-way/underground:

In front of the railway station Verona Porta Nuova take a bus to Negrar (lines 21 and 93). Information on tickets and timetable at the ATP Office, just outside the Station. Bus stop: Negrar Hospital.

## By car:

Take Brennero Highway, exit Verona Nord. Go straight on the main road until the end, then turn right and follow indications to Negrar.

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