



# BREAST CENTRES NETWORK

Synergy among Breast Units

## ★ Hospital del Mar - Barcelona, Spain

### General Information



**New breast cancer cases treated per year** 311

**Breast multidisciplinary team members** 18

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

**Clinical Director:** [Maria Vernet-Tomas, MD, PhD](#)

Our Breast Unit started working in 2004 as such. The professionals involved in it are highly devoted to breast diseases and breast cancer treatment. Multidisciplinary work is our daily basis to achieve excellence and optimal results for all our patients. We are involved in multicentric international studies but at the same time, we develop our own original research in the unit. We also perform quality control tests regarding all the aspects of breast cancer treatment to ensure the satisfaction and well-being of our patients. To ensure that the patients' perspective is considered in each step of the diagnosis and the treatment, we are creating different groups of volunteer patients. These groups will act as advisors when developing clinical and research projects in the unit.

### **Hospital del Mar**

Passeig Marítim 25-29

08023 Barcelona,

Phone: +34932483971

Fax:

E-mail: [ufmama@psmar.cat](mailto:ufmama@psmar.cat)

Web-site: [www.parcdesalutmar.cat/hospitals/hospital-del-mar/](http://www.parcdesalutmar.cat/hospitals/hospital-del-mar/)

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** 4000
- ✓ **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)
- ✓ Tomography, Contrast Enhanced Mammography

**Available work-up imaging equipment**

- ✓ Computer Tomography
- ✓ Ultrasound
- ✓ Magnetic Resonance Imaging (MRI)
- ✓ PET/CT scan
- ✓ Contrast enhanced mammography

**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)** 304
- ✓ **Dedicated Breast Surgeons** 5
- ✓ **Surgeons with more than 50 surgeries per year** 4
- ✓ **Breast Surgery beds** 3
- ✓ **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** 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** 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)
- Silver in-situ hybridization for Her-2

**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
- Miller&Payne, Residual Cancer Burden

**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

Nuclear Medicine, Oncogeriatry Specialist

**Further Services and Facilities**

**Nuclear Medicine**

Lymphoscintigraphy

Bone scan

Positron Emission Tomography (PET)

PET/CT scan

Intraoperative consultancy for sentinel node identification if needed

**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

Maria Vernet-Tomas, MD, PhD	Breast Unit Coordinator, Chief of the Breast Diseases Section	<a href="mailto:mvernet@psmar.cat">mvernet@psmar.cat</a>	+34932483132
-----------------------------	---	--	--------------

## Radiology

Rodrigo Alcantara, MD	Breast Radiologists Coordinator	<a href="mailto:RAlcantara@psmar.cat">RAlcantara@psmar.cat</a>	+34932485109
-----------------------	---------------------------------	--	--------------

## Breast Surgery

Maria Vernet-Tomas, MD, PhD	Breast Unit Coordinator; Chief of Section	<a href="mailto:mvernet@psmar.cat">mvernet@psmar.cat</a>	+34 2483132
-----------------------------	---	--	-------------

## Reconstructive Surgery

Leyre Oivares, MD	Consultant	<a href="mailto:lolivaresdominguez@psmar.cat">lolivaresdominguez@psmar.cat</a>	932483332
-------------------	------------	--	-----------

## Pathology

Ivonne Vazquez, MD	Pathology Consultant	<a href="mailto:IVazquez@psmar.cat">IVazquez@psmar.cat</a>	+34 932483498
--------------------	----------------------	--	---------------

## Medical Oncology

Sonia Servitja, MD, PhD	Medical Oncology Consultant	<a href="mailto:SServitja@psmar.cat">SServitja@psmar.cat</a>	+34 932483862
-------------------------	-----------------------------	--	---------------

## Radiotherapy

Xavier Sanz, MD, PhD	Radiotherapy Consultant	<a href="mailto:93294@psmar.cat">93294@psmar.cat</a>	+34 932483227
----------------------	-------------------------	--	---------------

How to reach us



**Hospital del Mar**

Passeig Marítim 25-29

08023 Barcelona,

Phone: +34932483971

Fax:

E-mail: [ufmama@psmar.cat](mailto:ufmama@psmar.cat)

Web-site: [www.parcdesalutmar.cat/hospitals/hospital-del-mar/](http://www.parcdesalutmar.cat/hospitals/hospital-del-mar/)

**From airport:**

Follow the highway towards the harbor, after the harbor, leave the highway in 'Pla de Palau'. Follow the indications to Hospital del Mar.

**By train:**

Take the train to 'Estació de França', the hospital is a 15 minutes walk from there.

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

The busses getting to the hospital are 59 and V13. The subway line is the yellow one, get off at 'Ciutadella-Villa Olímpica'.

**By car:**

The address is 'Passeig Marítim 25-29, 08003 Barcelona'. There are parking facilities just under the hospital.

**Last modified:** 18 January 2021