



## **BREAST CENTRES NETWORK**

Synergy among Breast Units

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# Hospital Universitari i Politecnic La Fe - Valencia, Spain

## **General Information**



New breast cancer cases treated per year 210

Breast multidisciplinarity team members 15

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

Clinical Director: Francisco Ripoll Orts, MD, PhD

The Multidisciplinary Breast Cancer Unit (Unidad Funcional de Patología de Mama) at the University Hospital (now Hospital Universitari i Politecnic) La Fe was created in February 2002 as a result of a fusion process of the services and units involved in all fields of breast diseases especially breast cancer. The unit follows the recommendations of the European Society of Mastology (EUSOMA). The main goals of the Unit are: to maintain and develop high quality uniformed standards in the area of screening, diagnosis, and treatment of benign and malignant diseases of the breast and to develop tasks of teaching and research activities. At the moment the buildings of our hospital are moving to an other area in the south of Valencia. The postal address and phone may change in the near future. Please refer to our website in order to find all the updated information.

## Hospital Universitari i Politecnic La Fe

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Web-site: <a href="http://www.hospital-lafe.com">http://www.hospital-lafe.com</a>

#### 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 3 Mammograms per year 3500 ☑ 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)
- PET, Nuclear Medicine

#### Available work-up imaging equipment

- Computer Tomography
- Ultrasound
- Magnetic Resonance Imaging (MRI)
- ✓ PET/CT scan
- ✓ Isotopic bone scan

#### Primary technique for localizing non-palpable lesions

- Mook-wire (or needle localization)
- ☐ Charcoal marking/tattooing

3

4

1

ROLL: radio-guided occult lesion localization

#### Available breast tissue sampling equipment

- Stereotactic Biopsy (Mammography
- 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) 390
- 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

## Reconstructive/Plastic Surgery Reconstructive/Plastic surgeons Type of breast reconstructive surgery available ✓ Immediate Reconstruction 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 Other special studies 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 Analysis of Microarray 50-gene set (PAM 50) ✓ Sentinel node Parameters included in the final pathology report Core biopsy ✓ Pathology stage (pT and pN) ✓ Frozen section (FS) ✓ Tumour size (invasive component in mm) ✓ Surgical specimen Mistologic type ✓ Sentinel node ✓ Tumor grade Immunohistochemistry stain (IHC) ✓ ER/PR receptor status Estrogen receptors ✓ HER-2/neu receptor status Progesterone receptors Peritumoural/Lymphovascular invasion ☑ HER-2 Margin status ✓ Ki-67 ☑ p53, bcl2, ki67 **Medical Oncology** Dedicated Breast Medical Oncologists 3 Outpatient systemic therapy Clinical Research

diotherapy	
☑ Dedicated Radiation Oncologists	Available techniques after breast-conserving surgery
☑ Clinical Research	(including experimental)
	₩ Whole-Breast RT (WBRT)
	✓ Partial breast irradiation (PBI):
	☑ External beam PBI
	lacksquare Interstitial brachytherapy
	$\square$ Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	☐ Intra-operative RT (IORT)
ultidisciplinary Meeting (MDM) / Tumour Board (	(TB)
Regular MDM/TB for case management discussion	Specialties/services participating in MDM/TB
☐ Twice a week	<b>☑</b> Radiology
₩ Weekly	✓ Breast Surgery
Every two weeks	✓ Reconstructive/Plastic Surgery
Other Schedule	✓ Pathology
Cases discussed at MDM/TB	☑ Medical Oncology
	<b>☑</b> Radiotherapy
Preoperative cases	✓ Genetic Counselling
✓ Postoperative cases	✓ Breast Nurse Service
	✓ Psycho-oncology
	☑ Nuclear Medicine
urther Services and Facilities	
Nuclear Medicine	Genetic Counselling
☑ Lymphoscintigraphy	Specialist Providing Genetic Counselling/Risk assessment service:
▼ Bone scan	Dedicated Clinical Geneticist
Positron Emission Tomography (PET)	✓ Medical Oncologist
▼ PET/CT scan	Breast Surgeon
Rehabilitation	General Surgeon
☑ Prosthesis service	Gynaecologist
✓ Physiotherapy	☑ Genetic Testing available
☑ Lymph-oedema treatment	Surveillance program for high-risk women
	Data Management
	Database used for clinical information
	☑ Data manager available

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Radiotherapist

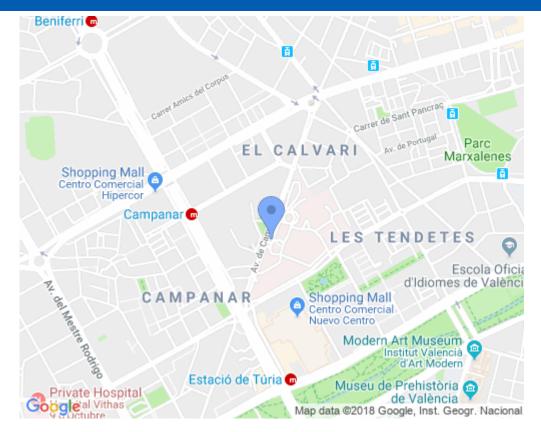
Radiotherapy

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## How to reach us



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From airport:

By Subway, bus and taxi.

By train:

There are fast trains connecting Valencia to Madrid and Barcelona.

By car:

Madrid/Valencia highway A3; Barcelona/Valencia highway AP7.

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