



BREAST CENTRES NETWORK

Synergy among Breast Units

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MD Anderson Cancer Center. Madrid. España - Madrid, Spain

General Information



New breast cancer cases treated per year 280

Breast multidisciplinarity team members 14

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

Clinical Director: Luis Cabañas Navarro, DM

Settled in Madrid since 2001, the Hospital Oncologico MD Anderson is the first dedicated Comprehensive Cancer Center in Spain. The hospital comprises 80 beds, four operating rooms, a large radiotherapy department and outpatient clinics. The Breast Unit is part of the Surgical Oncology Department and was established in 2002 for the multidisciplinary diagnosis and treatment of breast diseases. Breast cancer surgery is provided by two dedicated Consultant Breast Surgeons (Dr. Cabañas-Navarro and Dr. Ortega-Pérez) who also lead a highly motivated multidisciplinary team of breast specialists that meet weekly to collegially discuss all newly diagnosed cases. Chemotherapy and Radiation therapy are administered on site. A broad spectrum of surgical procedures including sentinel lymph node biopsy, radioguided occult lesion localization (ROLL) and immediate breast recostruction are currently provided.

MD Anderson Cancer Center. Madrid. España

Calle Arturo Soria 270

28033 Madrid,

Phone: +34917878600 Fax: +34917680680

E-mail: gortega@mdanderson.es
Web-site: www.mdanderson.es

Available services

✓ Radiology

✓ Breast Surgery

☑ Reconstructive/Plastic Surgery

✓ Pathology

Medical Oncology

Radiotherapy

Muclear 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

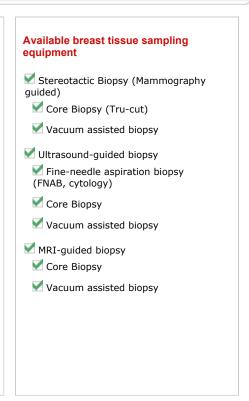
Radiology

✓ Dedicated Radiologists	2
Mammograms per year	650
✓ 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) MamoPET 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



Breast Surgery

✓ New operated cases per year (benign and malignant)	305
☑ Dedicated Breast Surgeons	3
☑ Surgeons with more than 50 surgeries per year	3
☑ Breast Surgery beds	8
☑ 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 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 3 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 **Medical Oncology** ✓ Dedicated Breast Medical Oncologists 3 Outpatient systemic therapy Clinical Research

adiotherapy	
✓ Dedicated Radiation Oncologists✓ Clinical Research	Available techniques after breast-conserving surgery (including experimental)
	₩ Whole-Breast RT (WBRT)
	✓ Partial breast irradiation (PBI):
	External beam PBI
	lacksquare Interstitial brachytherapy
	\square Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	\square Intra-operative RT (IORT)
ultidisciplinary Meeting (MDM) / Tumour Board ((ТВ)
Regular MDM/TB for case management discussion	Specialties/services participating in MDM/TB
☐ Twice a week	☑ Radiology
₩ Weekly	✓ Breast Surgery
Every two weeks	✓ Reconstructive/Plastic Surgery
Other Schedule	✓ Pathology
Cases discussed at MDM/TB	✓ Medical Oncology
	✓ Radiotherapy
✓ Preoperative cases✓ Postoperative cases	✓ Genetic Counselling
	✓ Breast Nurse Service
	Psycho-oncology
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
✓ MamoPET	☐ General Surgeon
Rehabilitation	Gynaecologist
Prosthesis service	☑ Genetic Testing available
✓ Physiotherapy	Surveillance program for high-risk women
☑ Lymph-oedema treatment	Data Management
	\square Database used for clinical information
	☑ Data manager available

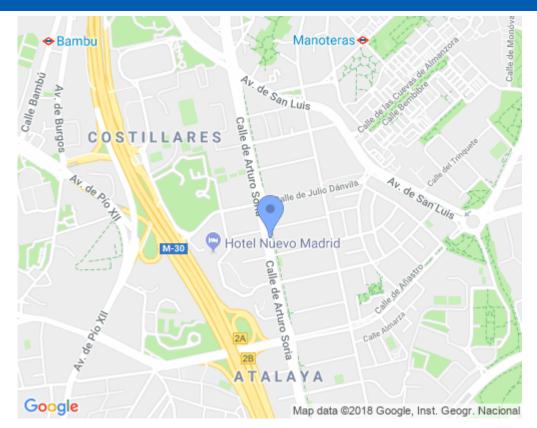
Contact details **Clinical Director** Luis Cabañas Navarro, DM **Breast Surgeon** lcabanas@mdanderson.es +34917878600 Radiology jlperez@mdanderson.es Jose Luis Pérez-Aranda Interventional Breast Radiologist Javier Blazquez Sánchez Chief of Radiology Dpt. jblazquez@mdanderson.es Silvia Pérez Rodrigo Intervenional Breast Radiologist **Breast Surgery** Gloria Ortega Pérez **Breast Surgeon** gortega@mdanderson.es Luis Cabañas Navarro **Breast Surgeon** Icabanas@mdanderson.es Jacobo Cabañas Montero, DM **Breast Surgeon** jcabanas@mdanderson.es **Reconstructive Surgery** Chief, Plastic and Reconstructive Emilio García Tutor, DM +34917878600 Surgery Gema Bustos Staff Plastic Surgeon Antonio Vila Salobral Staff Plastic Surgeon Juan Hernández Godoy Staff Plastic Surgeon **Pathology** Alejandro Rojo Sebastian **Breast Pathologis** arojo@mdanderson.es Juan Fernando García García Chief of Pathology Dpt. jfgarcia@mdanderson.es Gemma Toledo Santana **Breast Pathologist** gtoledo@mdanderson.es **Medical Oncology** Antonio González Martin Chief of Medical Oncology Dpt. agonzalezm@mdanderson.es Raúl Márquez Vázquez **Breast Oncologist** rmarquez@mdanderson.es **Breast Medical Oncologist** Raquel Bratos Lorenzo Radiotherapy Natalia Carballo González Chief of Radiation Therapy Dpt. ncarballo@mdanderson.es

cgarran@mdanderson.es

Cristina Garran del Río

Breast Radiation Therapy

How to reach us



MD Anderson Cancer Center. Madrid. España

Calle Arturo Soria 270

28033 Madrid,

Phone: +34917878600 Fax: +34917680680

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From airport:

From Barajas Airport: take subway line 8 to Colombia Station, change to line 9 to Duque de Pastrana or Pio XII Station. Then take the bus 107 or 29 to Arturo Soria Street.

By train:

From Chamartin Train Station: take the subway line 10 to Plaza de Castilla, change to line 1 to Pinar de Chamartin Station and walk 15 minutes to the Hospital.

From Príncipe Pío Train Station: take the subway line 6 to Avenida de América, change to line 9 to Duque de Pastrana or Pío XII Station. Then take the bus 107 or 29 to Arturo Soria Street.

From Atocha Train Station: take the subway line 1 to Pinar de Chamartin Station. Then walk 15 minutes to the Hospital.

By bus or sub-way/underground:

BUS nº 7 - From Alonso Martínez

BUS nº 29 - From Felipe II / Príncipe de Vergara

BUS nº 107 - From Plaza de Castilla

MD Anderson Cancer Center. Madrid. España

BUS nº 150 - From Sol to Avda.San Luis / Arturo Soria

BUS nº 250 - From Colón to Avda.San Luis / Arturo Soria

Subway Line 1 - Pinar de Chamartín Station. Walk 15 minutes to the Hospital.

Subway Line 9 - Duque de Pastrana Station. Take bus 107 to Arturo Soria Street.

Subway line 9 - Pío XII Station. Take bus 29 to Arturo Soria Street.

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