



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Centro Mamario del Hospital Universitario Austral - Derqui, Partido de Pilar, Buenos Aires, Argentina

General Information



New breast cancer cases treated per year **170**

Breast multidisciplinary team members **21**

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

Clinical Director: Ignacio Mc Lean, MD

The Breast Center of the Austral University Hospital was established in 2006, and it is the first comprehensive breast cancer centre in Argentina. It is located 50 kilometres north of Buenos Aires city. The Center provides integrated scientific quality and excellence in managing breast diseases, efficient diagnosis within 24 hours and appropriate treatment to reduce the impact of disease on quality of life. The staff has wide experience in oncoplastic surgery, and weekly multidisciplinary team meeting with case management decision are scheduled.

Centro Mamario del Hospital Universitario Austral

Av. Pte Perón 1500

1629 Derqui, Partido de Pilar, Buenos Aires,

Phone: +542304482707

Fax: +542304482000

E-mail: centromamario@cas.austral.edu.ar

Web-site: http://www.hospitalaustral.edu.ar/centro_mamario.asp

CERTIFICATION(S) ACCREDITATION(S)

Unidad de Mastología Acreditada - Sociedad Argentina de Mastología

Expiration date: 01 March 2026

Image: Unidad de Mastología

Sociedad Argentina de
Mastología

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** 8
- Mammograms per year** 8000
- 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)** 385
- Dedicated Breast Surgeons** 5
- Surgeons with more than 50 surgeries per year** 3
- Breast Surgery beds** 60
- Breast Nurse specialists** 1
- 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** 0
- 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** 1

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
- Ki67

Medical Oncology

- Dedicated Breast Medical Oncologists** 5
- 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)

Hypofractiones Radiotherapy

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

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

Ignacio Mc Lean, MD	Breast Center Director, Chief of Breast Surgery	imclean@cas.austral.edu.ar	+542304482979
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Radiology

Darío Schejtman, MD	Chief of the Breast Imaging Service	dschejtma@cas.austral.edu.ar	+542322482981
Pamela Garcia Suarez, MD	Staff	pgarcias@cas.austral.edu.ar	
Marta Sanguinetti, MD	Staff	msanguinetti@cas.austral.edu.ar	
Cecilia Dellacanonica, MD	Staff	CDELLACA@cas.austral.edu.ar	

Breast Surgery

Ignacio Mc Lean, MD	Chief of Breast Surgery Service	imclean@cas.austral.edu.ar	+542322482979
Eduardo Beccar Varela, MD	Staff Surgeon	ebeccarv@cas.austral.edu.ar	+542322482979
Diana Montoya, MD	Staff Surgeon	montoya.di@gmail.com	+542304482707
Brian Morris, MD	Staff	bmorris@cas.austral.edu.ar	

Reconstructive Surgery

Ignacio Mc Lean, MD	Breast Center Director, Head of Breast Surgery	imclean@cas.austral.edu.ar	+542304482707
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Pathology

Eunice Spengler, MD	Staff Pathologist	espengle@cas.austral.edu.ar	+54-230-4482306
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Medical Oncology

Claudio Paletta, MD	Staff Oncologist	cpaletta@cas.austral.edu.ar	+542322482707
Monica Mariel Varela, MD	Staff Oncologist	movarela@cas.austral.edu.ar	+542304482707
Luis Daverede, MD	Staff Oncologist	ldavered@cas.austral.edu.ar	

Radiotherapy

Jorge Chiozza, MD	Head of Radiation Therapy Service	jorge.chiozza@vidtcm.com.ar	+5411930428362
José Máximo Barros, MD	Staff Radiotherapist	jbarros@cas.austral.edu.ar	

How to reach us



Centro Mamario del Hospital Universitario Austral

Av. Pte Perón 1500

1629 Derqui, Partido de Pilar, Buenos Aires,

Phone: +542304482707

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From airport:

From Buenos Aires City, take Highway del Sol, del Pilar branch, exit at km 50 and follow the signs.

By bus or sub-way/underground:

From Buenos Aires City, Plaza Italia, take Pilar express line. You can also contact the hospital switchboard for transfers to and from Buenos Aires City.

By car:

From Buenos Aires City, take Highway del Sol, del Pilar branch, exit at km 50 and follow the signs.

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