



# BREAST CENTRES NETWORK

Synergy among Breast Units

## ★ Centro De Mastologia - Rosario, Santa Fe, Argentina

### General Information



**New breast cancer cases treated per year** 400

**Breast multidisciplinary team members** 15

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

**Clinical Director:** Alfonso Jose Benitez Gil, MD

The Rosario Breast Center founded in 1978, better known by its acronym CEMA, was the first medical center in the country devoted exclusively to the diagnosis and treatment of diseases of the BREAST. OBJECTIVES - Provide the latest diagnostic technology; - Perform quick diagnosis with high degree of accuracy; - Avoid repetition of studies, saving time and excessive radiation to patients; - Avoid unnecessary biopsies for benign disease, which is not likely to progress to cancer; - Perform modern treatments that achieve healing with reduced interventions, with less mutilation and equal oncologic outcome for patients; - Achieve brief hospitalizations, 24 to 48 hours, for all type of surgeries, with significant cost savings; MEDICAL PROFESSIONAL GROUP The human group meeting convened with these intentions has turned CEMA in a friendly house, with high esprit de corps, serious dedication, professionalism and ongoing scientific update, attested by the awards and honors that were awarded in 1985, 1992, 1998 and 2015.

### Centro De Mastologia

Dorrego 548

2000 Rosario, Santa Fe,

Phone: +543414485325

Fax: +543414210506

E-mail: [turnos@centrodemastologia.com.ar](mailto:turnos@centrodemastologia.com.ar)

Web-site: [www.centrodemastologia.com.ar](http://www.centrodemastologia.com.ar)

CERTIFICATION(S) ACCREDITATION(S)

**UNIDAD DE MASTOLOGIA (Breast Unit)**

Expiration date: 26 April 2023

SOCIEDAD ARGENTINA DE MASTOLOGIA

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** 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)
- ✓ mammotome

**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)** 452
- ✓ **Dedicated Breast Surgeons** 5
- ✓ **Surgeons with more than 50 surgeries per year** 5
- ✓ **Breast Surgery beds** 5
- ✓ **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** 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

**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)

**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

**Medical Oncology**

- ✓ **Dedicated Breast Medical Oncologists** 2
- ✓ **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

## 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**

Alfonso Jose Benitez Gil, MD	Director	<a href="mailto:abenitezgil@gmail.com">abenitezgil@gmail.com</a>	+543414210506
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**Radiology**

Marcelo Muñoz, MD	Staff Radiologist	<a href="mailto:memf@fibertel.com.ar">memf@fibertel.com.ar</a>
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Soledad Muñoz	Head Image Department	<a href="mailto:soledadmunoiz2@gmail.com">soledadmunoiz2@gmail.com</a>
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**Breast Surgery**

Lisandro Luis Benitez Gil, MD	Staff Surgeon	<a href="mailto:lisandrobenezgil@yahoo.com.ar">lisandrobenezgil@yahoo.com.ar</a>
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Alejandro Alvarez Gardiol, MD	Staff Surgeon	<a href="mailto:alekagardiol@gmail.com">alekagardiol@gmail.com</a>
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Eduardo Alvarado Arichuluaga, MD	Staff Surgeon	<a href="mailto:edualvarado78@hotmail.com">edualvarado78@hotmail.com</a>
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Gonzalo Tabares, MD	Staff Surgeon	<a href="mailto:tabaresgonzalo@yahoo.com">tabaresgonzalo@yahoo.com</a>
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Luciano Mignini	Staff Surgeon	<a href="mailto:lmignini@gmail.com">lmignini@gmail.com</a>
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**Reconstructive Surgery**

Veronica Depetris, MD	Staff Reconstructive Surgeon	<a href="mailto:alveron@ciudad.com.ar">alveron@ciudad.com.ar</a>
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Carlos Rodriguez, MD	Staff Plastic and Reconstructive Surgeon	<a href="mailto:carlosrodriguezpacci@gmail.com">carlosrodriguezpacci@gmail.com</a>
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**Pathology**

Mario E Silvestre Begnis, MD	Staff Pathologist		+543414213280
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Sandra Sarancone, MD	Staff Pathologist	<a href="mailto:sati@steel.com.ar">sati@steel.com.ar</a>
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**Medical Oncology**

Cristian Micheri, MD	Staff Medical Oncologist	<a href="mailto:cristianmicheri@co-rosario.org.ar">cristianmicheri@co-rosario.org.ar</a>
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Maria Ercilia Pascual, MD	Staff Oncologist	<a href="mailto:pascualmariae@gmail.com">pascualmariae@gmail.com</a>
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**Radiotherapy**

Luis Refé, MD	Staff Radiaton Oncologist	<a href="mailto:luismrene@hotmail.com">luismrene@hotmail.com</a>
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How to reach us



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**From airport:**

Aeropuerto Internacional Rosario 'Islas Malvinas' Av Jorge Newbery 2000 - Rosario, Santa Fe, Argentina 1. Head south on Acceso A Aeropuerto Internacional Islas Malvinas toward Av Jorge Newbery 130 m 2. Slight right onto Av Jorge Newbery 600 m 3. Turn left to stay on Av Jorge Newbery 300 m 4. Turn left onto RN 9 4.0 km 5. At the roundabout, take the 2nd exit onto Av Eva Perón 2.5 km 6. Continue onto Av Córdoba 6.2 km 7. Turn left onto Italia 400 m 8. Turn left at the 3rd cross street onto Urquiza 130 m 9. Take the 1st left onto Dorrego Destination will be on the right 64 m Dorrego 548, Rosario, Santa Fe, Argentina

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

Dr Mariano Moreno Caferata 702 2000 Rosario, Santa Fe, Argentina 1. Head south on Caferata toward Av Córdoba 150 m 2. Take the 1st left onto Av Córdoba 2.2 km 3. Turn left onto Italia 400 m 4. Turn left at the 3rd cross street onto Urquiza 130 m 5. Take the 1st left onto Dorrego Destination will be on the right 64 m Dorrego 548 Rosario, Santa Fe, Argentina

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