



# **BREAST CENTRES NETWORK**

Synergy among Breast Units

Unidad De Cancerologia - Zapopan, Guadalajara Jalisco, Mexico

#### **General Information**



New breast cancer cases treated per year 200

Breast multidisciplinarity team members 16
Radiologists, surgeons, pathologists, medical oncologists, radiotherapists and nurses

Clinical Director: Eduardo Barragan Curiel, MD

The Unit of Cancerology, S.A. DE C.V., is a 100% Mexican company. It started its activities in 2003, intending to satisfy the needs of the population of Jalisco, who requires oncological attentions. The unit grants an integral oncological service and has high speciality in detection, diagnosis, treatment of cancer. Our goal is to offer a quality medical attention, respect, warmth and conficentiality towards the patients and their families. In our clinic, we offer constant support and integral treatment plans. That's why we are one of the best oncology center in the West of the country. Our staff is prepared to provide continuing medical attention. We have highly qualified nurses, Bernadette laboratory of clinical analysis (particular company), four receptionists: you can contact us from 10:00 am to 2:00 pm and from 16:00 to 21:00 - Monday to Friday. We count on collabotation with an experienced accounting office, as well as administrative assistance.

# **Unidad De Cancerologia**

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#### Available services

- ✓ Radiology
- ✓ Breast Surgery
- ☑ Reconstructive/Plastic Surgery
- ✓ Pathology
- Medical Oncology

✓ Clinical Research

✓ 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	2
Mammograms per year	1000
✓ Breast radiographers	
✓ Screening program	
✓ Verification for	
non-palpable breast lesions	
on specimen	
Axillary US/US-guided	
FNAB	

# Available imaging equipment Mammography ✓ Ultrasound Magnetic Resonance Imaging (MRI) ✓ Tomosintesis and Mammography with Contrast Available work-up imaging equipment ✓ Computer Tomography Ultrasound ✓ Magnetic Resonance Imaging (MRI) ✓ PET/CT scan Mri By Difussion 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)	380
☑ Dedicated Breast Surgeons	2
☑ Surgeons with more than 50 surgeries per year	3
☑ Breast Surgery beds	(
☑ 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

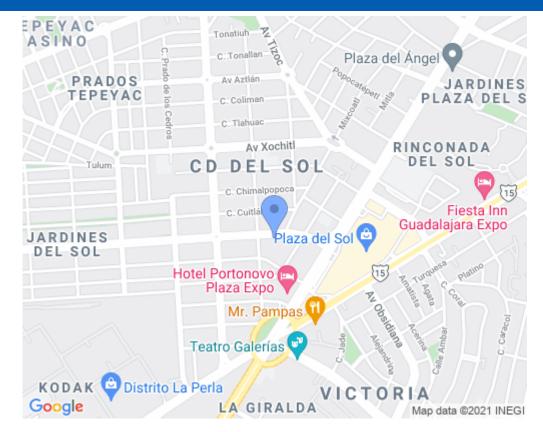
- Axillary lymph node dissection
- ✓ Sentinel lymph node biopsy:
  - ✓ Blue dye technique
  - Radio-tracer technique
- ☐ Blue dye + Radio-tracer
- Axillary sampling

Reconstructive/Plastic surgeons	1	Type of breast reconstructive surgery available
Immediate Reconstruction available	•	
		lacksquare Remodelling after breast-conserving surgery
		✓ Reconstruction after mastectomy:
		$ lap{W}$ Two-stage reconstruction (tissue expander followed by implant)
		☑ One-stage reconstruction
		☑ Autogenous tissue flap
		$\square$ Latissimus dorsi flap
		$ lap{N}$ Transverse rectus abdominis (TRAM)
		Free-flaps (free TRAM, DIEP, SIEA, gluteal, etc.)
		lacksquare Surgery on the contralateral breast for symmetry
thology		
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)
<ul><li>✓ Sentinel node</li><li>✓ Core biopsy</li><li>✓ Frozen section (FS)</li></ul>		Parameters included in the final pathology report
		☑ Pathology stage (pT and pN)
☑ Surgical specimen		☑ Tumour size (invasive component in mm)
✓ Sentinel node		☑ Histologic type
Immunohistochemistry stain (IHC)		☑ Tumor grade
✓ Estrogen receptors		ER/PR receptor status
✓ Progesterone receptors		☑ HER-2/neu receptor status
☑ HER-2		Peritumoural/Lymphovascular invasion
☑ Ki-67		☑ Margin status

Radiotherapy	
☑ Dedicated Radiation Oncologists	
Clinical Research	<ul> <li>Available techniques after breast-conserving surgery (including experimental)</li> </ul>
	₩ Whole-Breast RT (WBRT)
	✓ whole-breast RT (WBRT)  ✓ Partial breast irradiation (PBI):
	External beam PBI
	☐ Interstitial brachytherapy
	☐ Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	☐ Intra-operative RT (IORT)
fultidisciplinary Meeting (MDM) / Tumour Board (	(ТВ)
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
	✓ Radiotherapy
Preoperative cases	✓ Genetic Counselling
Postoperative cases	Breast Nurse Service
	✓ Psycho-oncology
urther Services and Facilities	
Nuclear Medicine	Genetic Counselling
✓ Lymphoscintigraphy	✓ Specialist Providing Genetic Counselling/Risk assessment
✓ Bone scan	service:
✓ Positron Emission Tomography (PET)	✓ Dedicated Clinical Geneticist
✓ PET/CT scan	Medical Oncologist
Rehabilitation	Breast Surgeon
Reliabilitation	General Surgeon
Prosthesis service	Gynaecologist
✓ Physiotherapy	☑ Genetic Testing available
☑ Lymph-oedema treatment	lacksquare Surveillance program for high-risk women
	Data Management
	✓ Database used for clinical information
	☐ Data manager available

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#### How to reach us



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#### From airport:

Follow the signs for Av. Adolfo López Mateos Sur, Ring Perif. Nte. Manuel Gómez Morin y Guadalajara - Chapala/México 23/México 44 until Boulevard Aeropuerto. Take the exit in direction Aeropuerto de Guadalajara - Chapala/México 23/México 44. Enter the A Chapala/Av. de la Solidaridad Iberoamericana/Guadalajara - Chapala/México 23/México 44

### By car:

Access to Calzada Lázaro Cárdenas/Carr. Guadalajara - Tepic/México 15 S en Jardines del Bosque, Guadalajara until Av. Adolfo López Mateos Sur y Av. Chapalita.

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