



# **BREAST CENTRES NETWORK**

Synergy among Breast Units

## A Beneficência Portuguesa de São Paulo - São Paulo, Brazil

### **General Information**

Image: A Beneficência Portuguesa de São Paulo

New breast cancer cases treated per year 250

Breast multidisciplinarity team members 29

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

Clinical Director: Antônio Carlos Buzaid, MD

It was a modern and technological service, with humanism and welcoming, within an academic spirit of assistance. We train young medical residents in the areas of Mastology, Oncology and radiotherapy. All our residents are trained in oncolplasty. Residency in mastology for 2 years, after residency in gynecology or general surgery. We are planning activities with the municipal government to assist the needy population; at the moment we serve private patients and with medical insurance.

### A Beneficência Portuguesa de São Paulo

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### 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

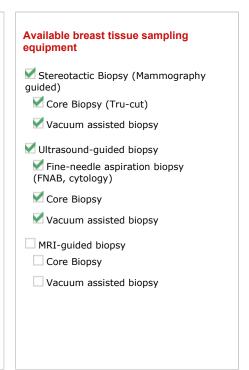
### Radiology

✓ Dedicated Radiologists	4
✓ Mammograms per year	10000
✓ 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) 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**

Clinical Research

✓ New operated cases per year (benign and malignant)	600
☑ Dedicated Breast Surgeons	12
☑ Surgeons with more than 50 surgeries per year	6
☑ Breast Surgery beds	26
☑ Breast Nurse specialists	4
☑ Outpatient surgery	
✓ Intra-operative evaluation of sentinel node	
✓ Reconstruction performed by Breast Surgeons	
☑ Clinical Research	

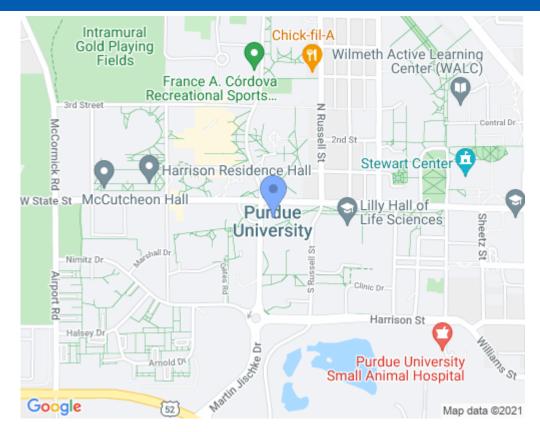
# Primary technique for staging the axilla Axillary lymph node dissection Sentinel lymph node biopsy: Blue dye technique Radio-tracer technique Blue dye + Radio-tracer Axillary sampling

December of the /Direction	_	
<ul> <li>✓ Reconstructive/Plastic surgeons</li> <li>✓ Immediate Reconstruction available</li> </ul>	6	Type of breast reconstructive surgery available
Immediate Reconstruction available		Remodelling after breast-conserving surgery
		lacksquare Reconstruction after mastectomy:
		${\color{red} \!$
		☑ One-stage reconstruction
		☑ Autogenous tissue flap
		☑ Latissimus dorsi flap
		✓ Transverse rectus abdominis (TRAM)
		Free-flaps (free TRAM, DIEP, SIEA, gluteal, etc.)
		lacksquare Surgery on the contralateral breast for symmetry
athology		
☑ 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		
☑ Core biopsy		Parameters included in the final pathology report
✓ Frozen section (FS)		✓ Pathology stage (pT and pN)
☑ Surgical specimen		lacksquare 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		lacksquare Peritumoural/Lymphovascular invasion
<b>☑</b> Ki-67		☑ Margin status
edical Oncology		

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
	☑ Interstitial brachytherapy
	☑ Targeted brachytherapy (MammoSite, SAVI applicator, other devices)
	lacksquare 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	✓ 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: ☑ Dedicated Clinical Geneticist
☑ Positron Emission Tomography (PET)	Medical Oncologist
☑ PET/CT scan	☐ Breast Surgeon
Rehabilitation	General Surgeon
✓ Prosthesis service	Gynaecologist
<ul><li>✓ Prostnesis service</li><li>✓ Physiotherapy</li></ul>	✓ Genetic Testing available
<ul><li>Physiotherapy</li><li>Lymph-oedema treatment</li></ul>	✓ Genetic Testing available ✓ Surveillance program for high-risk women
	Data Management
	☑ Database used for clinical information
	✓ Data manager available

### Contact details **Clinical Director** Diretor Clínico da Oncologia da BP <u>mastologiaresidenciabp@gmail.com</u> Antônio Carlos Buzaid, MD 55 11 35055265 Radiology Douglas Racy, MD Head of Radiology Department douglasracy@gmail.com 55 11 3505 4570 **Breast Surgery** Alfredo Carlos S. D. Barros, MD **Head of Breast Surgery** 55 11 96130 5710 clinab@terra.com.br Departament **Reconstructive Surgery** Fabricio Brenelli, MD Head of Reconstructive Breast fabriciobrenelli@hotmail.com 55 19 98144 1510 Surgery **Pathology** Carlos Bacchi, MD Pathologist info@labbacchi.com.br 55 11 3505 6738 **Medical Oncology** Antonio Carlos Buzaid, MD Head of Oncology Department 55 11 3505 5265 mastologiaresidenciabp@gmail.com Radiotherapy mastologiaresidenciabp@gmail.com 55 11 3505 5355 Pedro Zanuncio, MD Staff of Radiotherapy

### How to reach us



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### From airport:

Our service is located in the central region of São Paulo. Access can be by car, taxi, uber, bus or subway.

### By train:

Our service is located in the central region of São Paulo. Access can be by car, taxi, uber, bus or subway.

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

Our service is located in the central region of São Paulo. Access can be by car, taxi, uber, bus or subway. The nearest subway station is Vergueiro on the blue line.

### By car:

Our service is located in the central region of São Paulo. Access can be by car, taxi, uber, bus or subway.

### Last modified: