



BREAST CENTRES NETWORK

Synergy among Breast Units

HOSPITAL UNIVERSITÁRIO OSWALDO CRUZ - Recife, Brazil

General Information

Image: HOSPITAL UNIVERSITÁRIO OSWALDO CRUZ

New breast cancer cases treated per year 200

Breast multidisciplinary team members 13

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

Clinical Director: JOÃO NETO, DM

The Mastology Service of the Oswaldo Cruz University Hospital is linked to the discipline of the Mastology of Faculty of Medical Sciences of Pernambuco and the Hospital Complex of the University of Pernambuco, and it is a service of reference in diagnosis and treatment of breast pathologies in the state of Pernambuco. In addition to a qualified clinical, surgical and multidisciplinary staff, it offers Radiotherapy, Radiology, in addition to current oncological techniques as well as palliative care. As a teaching hospital, it became a field for training and development of knowledge, internship and research at the Faculties of Medical Sciences, Faculty of Nursing Nossa Senhora das Graças, Institute of Biological Sciences – ICB.

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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** 2
- Mammograms per year** 6000
- 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
- Nuclear Medicine

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)** 1423
- Dedicated Breast Surgeons** 6
- Surgeons with more than 50 surgeries per year** 6
- Breast Surgery beds** 10
- 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** 6
- 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
- Tils

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

Medical students and Residents

Further Services and Facilities

Nuclear Medicine

Lymphoscintigraphy

Bone scan

Positron Emission Tomography (PET)

PET/CT scan

Rehabilitation

Prosthesis service

Physiotherapy

Lymph-oedema treatment

Lymph-oedema treatment in other public hospital

Genetic Counselling

Specialist Providing Genetic Counselling/Risk assessment service:

Dedicated Clinical Geneticist

Medical Oncologist

Breast Surgeon

General Surgeon

Gynaecologist

Clinical Geneticist at the hospital

Genetic Testing available

Surveillance program for high-risk women

Data Management

Database used for clinical information

Data manager available

Contact details

Clinical Director

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|---------------|-------------------|--|------------------|
| JOÃO NETO, DM | clinical director | jebtrao@yahoo.com.br | +55 81 999717121 |
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Radiology

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Breast Surgery

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| João Neto, DM | Head of Breast Unit | jebtrao@yahoo.com.br | +55 81 999733453 |
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| Cinthya de Jesus, DM | Staff Surgion | cinthyajesus79@gmail.com | +55 81 996359345 |
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Reconstructive Surgery

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Pathology

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Medical Oncology

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Radiotherapy

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How to reach us



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From airport:

Mascaranhas de Moraes Avenue, Agamenon Magalhães Av and then João de Barros avenue.

By train:

no way

By bus or sub-way/underground:

185 T1Cabo(BUS) until Forum Thomaz de Aquino. Take another bus 846 Àguas Compridas and take down in João de Barros Avenue, after go on feet.

By car:

12km from the airport. Easy to reach taking Agamenon Magalhães avenue

Last modified: