



BREAST CENTRES NETWORK

Synergy among Breast Units

★ Hospital Moinhos de Vento - PORTO ALEGRE, Brazil

General Information



New breast cancer cases treated per year 255

Breast multidisciplinary team members 30

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

Clinical Director: Maira Caleffi, MD, PhD

The Nucleo Mama of Hospital Moinhos de Vento comprises a multi-professional team dedicated to breast health care, from monitoring routine exams for early detection of malignant tumours, diagnosis, and complete treatment at different stages of the disease and post-treatment monitoring. It offers the patient all the necessary care in the same place, which allows a more agile and accurate diagnosis, always prioritizing the patient and her/his family. The Center identifies patients and family members at high risk for breast cancer, treating them according to NCCN protocols. Also, Nucleo Mama carries the screening for asymptomatic women, symptomatic male patients and children. The Nucleo Mama Moinhos Center integrates all the medical and supportive areas necessary for diagnosing, treating, and monitoring patients with a positive history of cancer. The team includes breast dedicated surgeons, oncologists, geneticists, plastic surgeons, general surgeons, psychologists, psychiatrists, nurses, physiotherapists and nutritionists. All other dedicated breast specialists, imaging, pathologist, molecular biologist, nuclear medicine, etc., work at some hospitals.

Hospital Moinhos de Vento

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CERTIFICATION(S) ACCREDITATION(S)

Joint Commission Internacional

Expiration date: Na N.Na

Image: Joint Commission I

Joint Commission Internacional

This Centre has notified to be certified and, as such, been requested to upload the certification document for further information. When the certification document/s is/are provided, it is/they are made available hereafter.

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** 13000
- 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)** 1019
- Dedicated Breast Surgeons** 13
- Surgeons with more than 50 surgeries per year** 5
- Breast Surgery beds** 20
- 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 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

Pathology

- ✓ **Dedicated Breast Pathologists** _____ 4

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** _____ 6
- ✓ **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

NURSE, NUTRITIONIST, PSYCHOLOGIST, PHYSIOTHERAPIST

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

Maira Caleffi, MD, PhD	Chef of Departament	maira.caleffi@hmv.org.br	+55 5133142925
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Radiology

Dakir Lourenço Duarte Filho, Sr.	Médico Radiologista da Hospital Moinhos de Vento,	dakir.ci@hmv.org.br	+55 51 99770-1307
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Breast Surgery

MAIRA CALEFFI, MD, PhD	CHEF OS DEPARTMENT BREAST CANCER	maira.caleffi@hmv.org.br	+55 51 34142925
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Reconstructive Surgery

Rafael Netto, PhD, Sr.	breast plastic surgeon	rafael@rafaelnetto.com.br	+55 5133142925
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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:

Aeroporto internacional Salgado Filho. Pegue um taxi ou ônibus até a nossa unidade que está localizada há 6km do aeroporto.

By train:

Não possuímos trem na cidade.

By bus or sub-way/underground:

Pegue um ônibus que vá em direção ao bairro Moinhos de Vento. Nossa unidade fica no 11º da Ramiro Barcelos nº 910;

By car:

vá em direção ao bairro Moinhos de Vento. Nossa unidade fica no 11º da Ramiro Barcelos nº 910;

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