

# ACQUISITION WITH A STEREOTACTIC MAMMOGRAPHY FOR UNIVERSITY HOSPITAL OSWALDO CRUZ IN NORTHEAST BRAZIL \ PERNAMBUCO

The National Audit Department of the Unified Health System (DENASUS) in 2011, updated in 2014, indicated there mammography in Brazil in 1514, of which 302 are idle and 75 broken.

Whereas the World Health Organization indicates a mammography unit for every 240 000 inhabitants there is enough for the country; however, are in the southeast, almost half of these equipment the provision SUS (National Health System) and more than 50% of the considered small municipalities do not have mammography.

The Brazil annually has about 57,000 new cases of breast cancer and 15,000 deaths; the leading cause of cancer death in females as well as in the world. Mammography is the only test proven to reduce mortality of this disease when diagnosed early, reducing spending mutilating surgery, reconstruction, prosthetics, radiotherapy and chemotherapy.

In 2015 Pernambuco held 189,225 mammograms and 117 pre-surgical markings of non-palpable lesions via stereotactic by SUS. What does not cover women aged 50-65 years (622 733), let alone those between 40- 65 years (1.219 million).

These statistics alone would justify an increase in mammography allocation in northeastern Brazil and the outlying areas.

The University Hospital Oswaldo Cruz (HUOC) was established in 1925, it acquired the hospital function University desde1984 gradually has been expanding its services to the population and is among the hospitals of the country's largest accreditation level raising the reliability before the hospital community and society .

It has a mission to train human resources, generate knowledge and provide health care at the level of excellence for the North and Northeast regions.

Technically competent; integrating the academic and scientific community to society; relevant to the NHS; large institutional credibility and influence on public policy.

The HUOC mobilizing units and teams in medicine, nursing, pharmacy, dentistry, nutrition, social work, psychology, physiotherapy, occupational therapy. The mission to generate knowledge offers practical alternatives for life science courses, medicine, dentistry, nursing, physical education, graduate programs and residence in various specializations.

The HUOC has more than 300 active beds. In the public service stands out in transplant surgery, bariatric practices, oncology, mastology and treatment of infectious and parasitic diseases; currently being reference in microcefalias service in the Northeast where it occupies a leading position.

The mastology service is one of the most popular in the state of Pernambuco.

Designed the mastology, School of Medical Sciences, University of Pernambuco in 1978, the service is a reference in the Northeast. It has qualified team of professionals from various disciplines that serves approximately 50 patients / day in the clinic.

The institution in 2015 were performed 427 breast surgeries between setorectomias, quadrantectomies, simple and radical mastectomies and reconstructive plastic with breast implants.

In relation to support diagnostic mammography has only 01, 15 years ago, without stereotactic which is a device that allows pre-surgical markings and biopsies of non-palpable suspicious lesions that do not have ultrasound expression. So in most of these cases patients turn to private system has to pay for the procedure is extremely important for diagnosis and treatment. A new mammography with stereotactic accomplish the most exam 50 days; ie, 1000 mammograms month and all stereotactic procedures as essential to the diagnosis of breast cancer today does not have the service, as well as many other SUS in Pernambuco.

### BREAST CANCER CASES IN BRAZIL IN 2014

Incidence rate was calculated based on a group of 100 thousand women



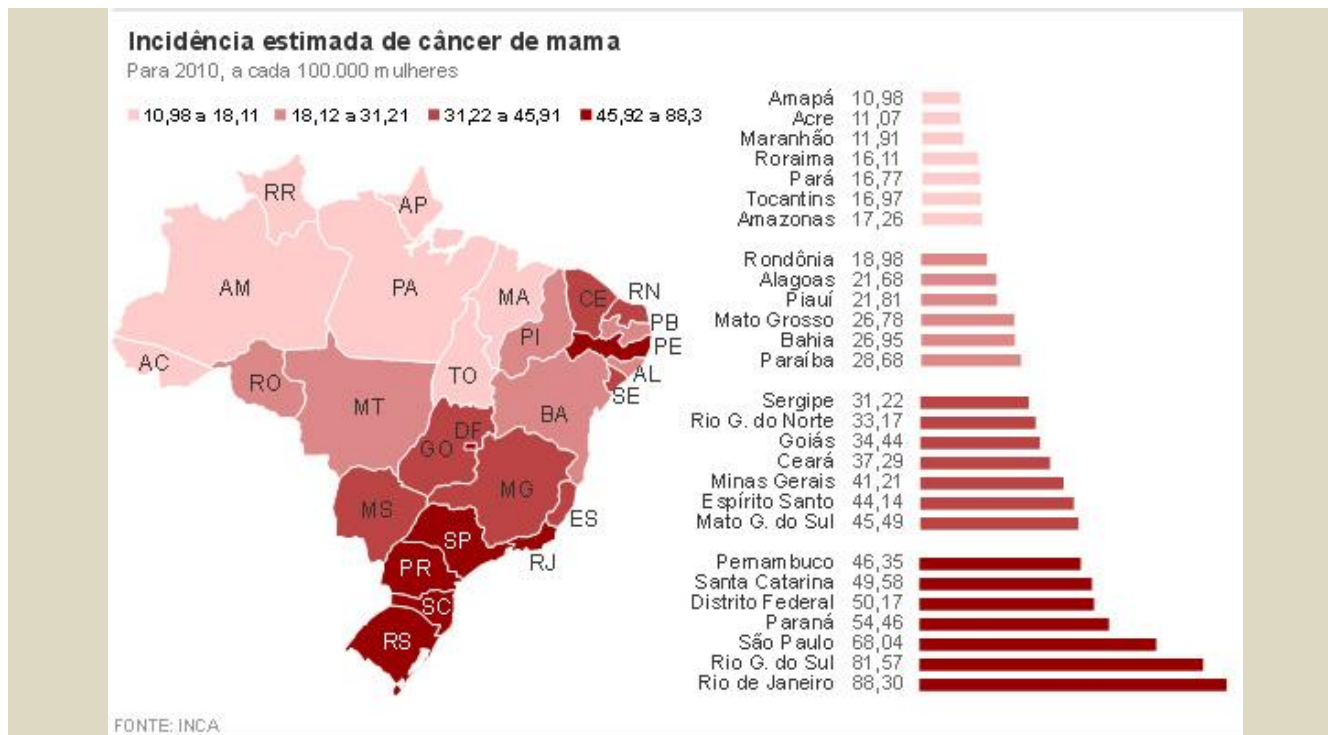
## CASOS DE CÂNCER DE MAMA NO BRASIL EM 2014

Taxa de incidência foi calculada com base em um grupo de 100 mil mulheres

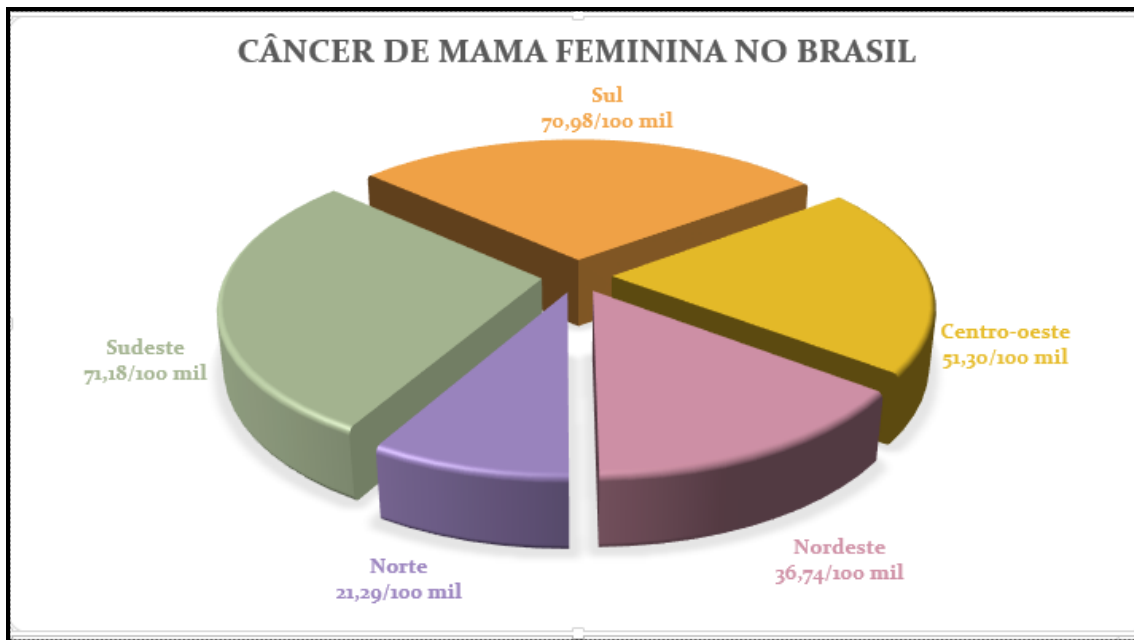


Fonte: Inca (Instituto Nacional de Câncer)

## ESTIMATED INCIDENCE OF BREAST CANCER 2010



### BREAST CANCER WOMEN OF BRAZIL



SOURCES:

IBGE INCA (National Cancer Institute)

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**Best regards: Dr João Esberard , Dra Kátia Maia Hezel e Dr Guilherme Figueira.  
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