



*Project for the
Acquisition of
Ultrasound for the
Women's Cancer
Combat Network in
Blumenau*



EXECUTIVE SUMMARY

- The Rotary Club of Blumenau-Norte developed this project to obtain resources for acquiring an ultrasound device to be primarily used for cervical and breast cancer detection exams for the Women's Cancer Combat Network of Blumenau.
- The RFCC in Blumenau, with a long history of aiding in cancer prevention for women, does not have such equipment. As a result, necessary ultrasound exams are referred to the public network (SUS), which can take six months or more to be conducted.
- With the acquisition of the ultrasound equipment, exams can be performed at the entity itself, which has the physical space and adequate personnel to do so, bringing much quicker treatment and reducing the mortality rate of this disease.
- The equipment costs approximately \$41,000 and will also be used to conduct exams for the public network (SUS) when not in use by the RFCC in Blumenau, helping to alleviate the backlog of ultrasound exams in the SUS.

Project Objective

- The project's objective is to acquire an ultrasound device for the Women's Cancer Combat Network.
- This equipment is essential for pre-diagnosis care and patient monitoring within the entity.
- When the equipment is not in use by the entity, its use will be made available to the Municipality of Blumenau to conduct exams that are delayed in the SUS queue in this city.
- The RFCC has the financial capability to hire a doctor to use the equipment and other professionals with the technical ability to correctly and regularly use the equipment.
- The individuals who will operate the equipment will undergo prior training to be provided by the seller.

WOMEN'S CANCER COMBAT NETWORK (RFCC)

- The RFCC Blumenau is a non-governmental, non-profit institution aimed at preventing cervical cancer, conducting early diagnosis of breast cancer, and supporting mastectomized patients.
- The history of the Women's Cancer Combat Network in Blumenau began on September 24, 1973, and since then has relied on the dedicated work of numerous volunteers who commit to life in the relentless pursuit of women's health and empowerment.



Women's Network: A Refuge of Hope

Prevention

The Women's Network disseminates information in accessible language through educational activities in churches, schools, companies, hospitals, resident associations, and other locations through talks, distribution of leaflets, lectures, panels, debates, and social media live sessions.

Comprehensive Treatment

Offers appropriate structure for prevention and early diagnosis of cervical and breast cancer, with medical referrals for exams with altered diagnoses.

Essential Support

Provides support through a multi-professional team, including physiotherapists, psychologists, social workers, nutritionists, dance groups, physical activity, support and integration, and integrative therapies.

Solidarity Network

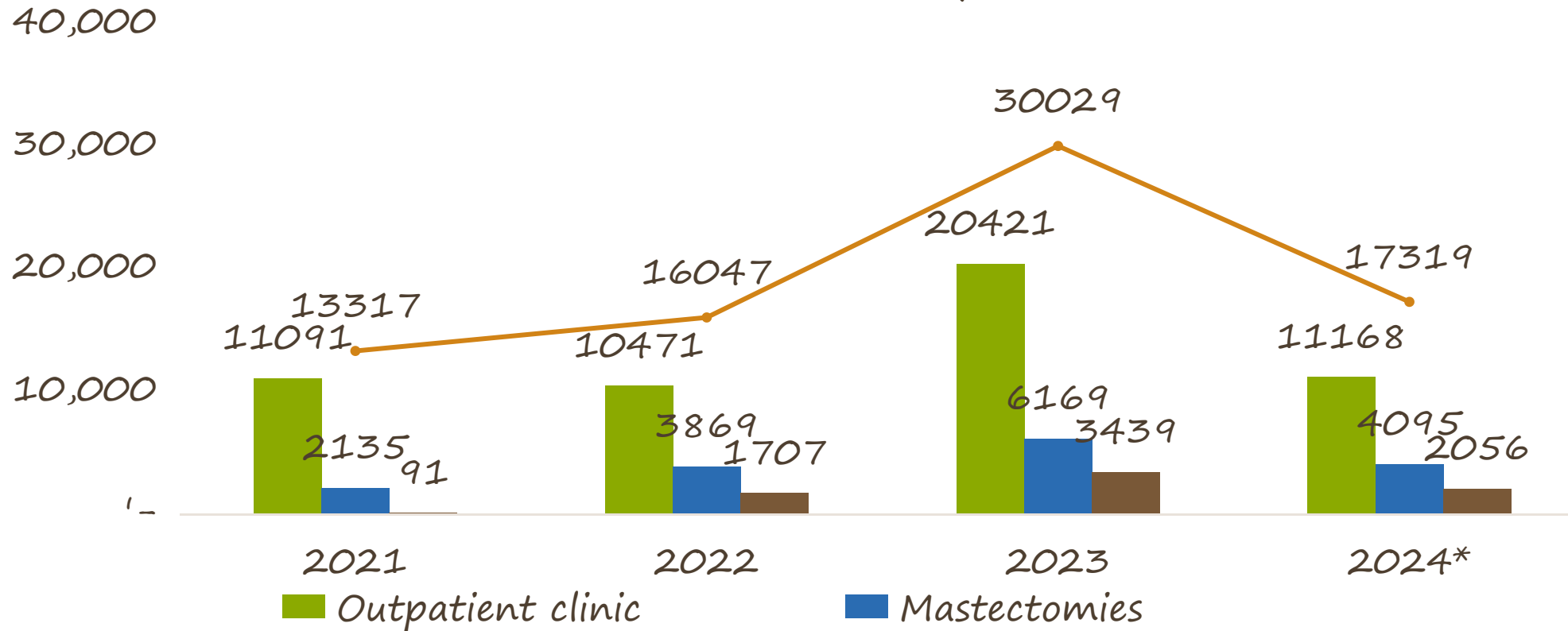
The Women's Network relies on a team of dedicated volunteers who strive to offer the best care to women undergoing cancer treatment.

Services



RFCC IN NUMBERS

Evolution of the services provided



*2024 - January to June

Real Cases

- Clinical case of patient I. N. P. , 65 years old, with no family history of cancer, underwent mammography Category 0 (zero - inconclusive). An ultrasound was performed, resulting in BIRADS 4A, and a biopsy was directed with a "Benign" result. Subsequently, she was directed for follow-up with a specialist.
- Patient S. A. R. M. 46 years old, with no family history of breast cancer, underwent mammography category 0 (zero). The ultrasound result was BIRADS 4, and she was diagnosed with breast cancer. Subsequently, she was directed for treatment.

Both patients underwent mammography through SUS and were directed to perform Ultrasound privately due to demand and waiting time. Even if the patient manages to perform the mammography in the short term, patients who need to complement the exams with ultrasound will have a delay in their diagnosis of more than six months.

Ultrasound and RFCC

- In 2023, 64 patients were referred for examination in the public network (SUS);
- In 2024 (from January to June), 160 patients have already been referred;
- The average waiting time for an ultrasound exam in SUS exceeds six months. This time sometimes makes treatment unfeasible and compromises early identification and action;
- Early diagnosis is, therefore, a strategy that enables simpler and more effective therapies by contributing to reducing the stage of cancer presentation;
- The execution of these exams with its ultrasound will benefit the public health network as it will help in the demand for this exam.

STRUCTURE AND LOCATION OF RFCC

The RFCC in Blumenau is located in its own property in the CELP Building - 1st floor on Prefeito Frederico Busch Júnior Street in Blumenau – SC.

The location is easily accessible to the general population, being close to a bus terminal with connections to all parts of the city.

It has approximately 680 square meters of area and already has a reserved location of 70 square meters for the installation of the equipment and performing Ultrasound exams.

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The Ultrasound Equipment

- Ultrasound in Cervical Cancer:
 - Detects changes and monitors anomalies.
 - Non-invasive and without radiation.
- Ultrasound in Breast Cancer:
 - Identifies cysts and solid masses.
 - Useful for women with dense breasts.
- Advantages of Ultrasound:
 - Safe, accessible, and comfortable.
 - Regular exams increase the chances of early diagnosis and effective treatment.



Equipment Budget

Supplier	Value	U\$ Dolar	Total
Philips	R\$ 244.500,00	5,5	US\$44.454,55
G&E	R\$ 224.500,00	5,5	US\$40.818,18

The proposals already include the installation and training of the technicians who will use the equipment.

ROTARY CLUB OF BLUMENAU- NORTE

The Rotary Club of Blumenau-Norte, founded on September 5, 1958, has a long history of providing services to the community of Blumenau.

It stands out for having been awarded in 2023 as the 2nd largest contributor in the history of the Rotary Foundation in its District.

Its main objective is now to help reduce deaths from cervical and breast cancer, contributing to preserving women's health.

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SUS - Unified Health System

- The Unified Health System (SUS) is Brazil's public health system, offering free and universal care.
- Funded by the federal, state, and municipal governments.
- Services: consultations, exams, surgeries, hospitalizations, vaccines, etc.
- Challenges: High demand and limited resources result in long queues and delays in care.
- Currently, it has long queues for ultrasound exams that are backlogged. Thus, it will also benefit from the acquisition of the equipment.



BE PART OF THIS DREAM

A dream alone is just a dream, but when we dream together, we can make it a reality. Under this saying, we invite all interested parties to be part of this project.

The resources for this project will come from the following sources but not limited to:

Rotary Club of Blumenau-Norte and all other national and international Rotary Clubs wishing to participate;

Rotary Districts wishing to participate;

Community sponsors (companies and individuals).

Resources - Forecast

Resource Origin (US\$)	
Brazil	
RC Blumenau Norte	5.000,00
4652 District	10.000
Rotary Foundation	8.000
Abroad	
Partner Rotary	5.000
Partner District	10.000
Rotary Foundation	8.000
Total	46.000,00

Thank you!

Rotary Club of Blumenau Norte.

Marcelo Soares - President 2024-2025

Lauro Souza - Rotary Foundation 2024-2025

Sueli Roberti Cristofolini - President of RFCC - 2023/2024