

TAKING CARE OF LIFE, PRESERVING THE FOREST



OPERATING IN
THE AMAZON



EDS





PROVIDING DIGNITY AND HEALTHCARE TO INDIGENOUS COMMUNITIES SINCE 2003



WHO ARE WE

- ▶ Expedicionários da Saúde (EDS) is a Brazilian nonprofit health organization established in 2003 by a group of **volunteer doctors**.
- ▶ With over two decades of experience, we have acquired the necessary expertise to provide **free access to surgical healthcare for indigenous people** residing in geographically isolated areas of the **Amazon Forest**.
- ▶ To date, EDS has conducted 54 Humanitarian Expeditions across the Amazonian Forest, performing nearly **10,000 SURGERIES, 71,000 CONSULTATIONS, 128,000 MEDICAL EXAMS AND PROCEDURES, AND DONATED 6,900 EYEGLASSES.**

OUR DIFFERENTIAL

- ▶ We have designed a **Mobile Hospital Model**, a modern and adaptable structure developed by **volunteer engineers** equipped to withstand the challenging conditions of the Amazon Forest.
- ▶ It comprises portable tents that accommodate five surgical rooms, clinical spaces, examination rooms, and outpatient facilities. These tents can be transported and assembled in numerous locations within the Amazon, whether by river, air, or land.
- ▶ These facilities are equipped with modern and safe equipment, **meeting the same high standards** available in major **Brazilian hospitals**.

HOW DO WE OPERATE

- ▶ Our operations are sustained through **donations** from the private sector, individuals, and international foundations. We undergo annual audits conducted by **EY (Ernst & Young)**.
- ▶ Our extraordinary **volunteer health team**, composed of approximately 300 members, including doctors, registered nurses, and a dedicated technical crew responsible for logistics and support.
- ▶ We maintain a close relationship with **indigenous organizations**, receiving their strong institutional backing. Additionally, we are endorsed by the Ministries of Health and Indigenous Peoples.



WHY SHOULD YOU DONATE



Caring for the health of indigenous people living in geographically isolated areas of the Amazon is essential for the survival of the planet.

GLOBAL CLIMATE IMPACT

The Amazon Biome plays a crucial role in global climate regulation. With **115.8 million hectares** of indigenous lands in Brazil, representing 23% of the Amazonian territory, the **guardians of the forest** play a vital role in its protection, directly contributing to the **preservation** of this critical ecosystem. The Amazon Rainforest acts as a natural water pump, absorbing, storing, and releasing water through plant transpiration. This process helps regulate regional and distant rainfall patterns across the globe.

ENVIRONMENTAL PROTECTION

The **demarcation** of indigenous territories has proven to be one of the most effective strategies for forest preservation. Analysis of deforestation trends reveals that forest loss is much higher in the areas surrounding **indigenous lands** as compared to the areas inside them (ISA, 2023). Indigenous lands alone are responsible for **safeguarding 20.3% of the forests** in Brazil, and the Amazon region holds 98% of these territories. Notably, the highest forest coverage preservation has been observed in the indigenous territories, with a minimal 1.2% loss of forest coverage until 2022 (ISA, 2023).

CARBON STORAGE

According to data from the national census from IBGE (2022), there are **1,693,535 indigenous people in Brazil**, with **867,100** of them residing in the Brazilian Legal Amazon region. An estimated **12.9 billion tons** of carbon are stored within the 115.8 million hectares of indigenous territories in the Amazon (Saatchi, 2007). In other words, it's possible to assert that, on average, each individual contributes to the **protection of 14,877 tons of carbon** in the soil, thus making a substantial contribution to global climate change mitigation.

Climate change affects the health of people worldwide, whether through resource scarcity, the increase in climate-related diseases, or natural disasters. Therefore, donating to this cause is a significant action, not only for the preservation of the Amazon Forest but also for the well-being of indigenous communities that safeguard this treasured land. Believe it or not, global health is intricately linked to taking care of indigenous peoples.





OPERATING IN THE AMAZON



Over 20 years of history, Expedicionários da Saúde (EDS) acquired the necessary expertise to ensure that healthcare delivered in remote areas of the Amazon is set up and managed effectively, meeting the unique needs of **indigenous communities**. EDS designed a pioneering Mobile Hospital Model (MHM), transported and assembled especially for each expedition. The entire structure houses rooms for ophthalmological surgery, general surgery, small procedures, medical comfort, patients' waiting room, changing room, and Material and Sterilization Center (MSC). Furthermore, it has the same modern and safety equipment offered in large hospitals of Brazil.

Indigenous communities living in geographically isolated regions of the Amazon receive basic and preventive healthcare provided by the Special Indigenous Sanitary Districts (DISEI), a representation of Brazil's subnational government. The DISEI falls beneath the Special Secretary for Indigenous Health (SESAI), under the umbrella

of the Ministry of Health. Due to the lack of access to healthcare for medium and high complexity cases, indigenous patients need to be transferred to the hospitals at city centers, having to wait for months or even years until they could receive proper treatment.

Yet, running a Field Hospital in a remote location requires careful planning and the establishment of appropriate infrastructure to ensure its smooth operation. This encompasses the implantation of water treatment and purification systems; waste management; installation of solar energy supply and reliable communication systems, such as Starlink satellite internet, satellite phones, and high-frequency radios.

So far, EDS has conducted 54 Expeditions, totaling **10,000 surgeries, 71,000 consultations, 128,000 exams and procedures**, and **6,900 donated eyeglasses**, all free of charge in various specialties: clinics, gynecology, ophthalmology, orthopedics, pediatrics, and dentistry.





TEAM INVOLVED

To implement the Operating in the Amazon expedition, EDS mobilizes a team of 75 professionals, including:

12 EDS Staff

(1 Head of Expedition, 1 General Coordinator, 1 Operations Coordination, 1 Nursing Coordination, 1 Marketing Coordination, 2 Operations Support, 2 Administrative Coordination, 1 TI Coordination)

35 Medical Doctors

(7 Ophthalmology, 6 General Surgery, 7 Anesthesiology, 2 General Clinic, 2 Pediatrics, 2 Gynecology, 1 Radiologists, 1 Physiotherapy, 4 Dentistry Team, 3 Nutrition)

11 Registered Nurses

1 Eyewear Factory

9 Logistics Team

3 Support Team

3 Engineering Team Clinic

1 IT

1 Photographer.

EXPECTED RESULTS

Each Operating in the Amazons targets:

350 SURGERIES

2,500 CONSULTATIONS

**6,000 EXAMS
AND PROCEDURES**

BUDGET TO FUND THIS EXPEDITION

US\$ **448,013**
1 EXPEDITION

US\$ **896,026**
2 EXPEDITIONS

US\$ **1,344,039**
3 EXPEDITIONS

Expense Item	Unitary Value (US\$)	Quantity	Observation	Total (US\$)	%
1. Precursor Journey - 5 people	930.69	5	Lodging, Food and Transportation costs	4,653.47	1.14%
2. Capacity Building Trip - 5 people	1,049.50	5	Lodging, Food, Transportation costs, Volunteer training event	5,247.52	1.29%
3. Screening in distant villages - 5 people	1,306.93	5	Lodging, Food and Transportation costs	6,534.65	1.60%
4. Community improvement works	32,673.27	1	Upgrading local Infrastructure / Hiring temporary labor	32,673.27	8.02%
5. Transport of Cargo, EDS Health Team and Patients	140,594.06	1	Transportation of cargo, volunteers and indigenous patients and relatives	140,594.06	34.52%
6. Food - EDS Health Team and Patients	1,158.91	80	Food for 80 volunteers, 450 patients and relatives during the expedition	92,712.87	22.76%
7. Equipment maintenance	16,831.68	1	Medical and Logistics Equipment	16,831.68	4.13%
8. Replacement of materials	13,267.33	1	Replacement of equipment, Purchase of Hospital Supplies / Volunteer uniform	13,267.33	3.26%
9. EDS Administrative and operational costs	5,923.11	16	EDS technical team cost (16 people team) for planning, monitoring and executing the operation	94,769.79	23.27%
Subtotal (US\$)				407,284.64	
Reserve Fund (10%)				40,728.46	
Total Cost (US\$)				448,013.10	

