

sintomas.mx

*for the early
diagnosis
of child cancer in
México*



AMANC®

Asociación Mexicana de Ayuda
a Niños con Cáncer, I.A.P.



**SISTEMA
AMANC**

Use of funds

Sintomas.mx is a long-term project that plans to develop, in the next 5 years, **8 regional centers throughout Mexico**, dedicated to the **early diagnosis of cancer in Mexican children**.

The initial investment, will be dedicated to **develop the platform, the actuarial model and the communication strategy** that will help start operations.

	Total	Initial investment	Year 1	Year 2	Year 3	Year 4	Year 5
Web development	113,733	73,989	39,743	-	-	-	-
Marketing and communication	22,144	11,053	11,091	-	-	-	-
Platform maintenance	47,270	-	5,546	10,821	10,557	10,299	10,048
Actuarial model	155,432	25,263	11,091	39,676	38,708	20,598	20,096
Physicians	172,086	-	7,098	13,850	25,336	49,436	76,365
Payroll	2,231,889	-	83,294	211,283	412,259	649,714	875,340
Administrative and office expenses	300,580	-	20,356	34,287	56,323	82,414	107,199
Total	3,043,134	110,305	178,219	309,916	543,183	812,462	1,089,048

*Figures in USD

Who is AMANC

We are the first Mexican institution to provide support **to children with cancer**. We have been operating in **Mexico for 36 years**.

We support children with cancer of limited means who need to travel long distances from their homes to hospitals in order to receive treatment. This happens **through a comprehensive accompaniment model**.



Who is AMANC

National network



We have operations in **22 states of the Mexican Republic:**

- 21 state associations and
- a medical attention unit in Guanajuato.

Presence in the **Estado de México since 2008.**

Child cancer in Mexico

Statistics

In Mexico, there are only **200** onco-hematology specialists

A child dies every **4 hours**



Cancer **is the leading cause of death** among children 5 to 14 years of age

75% of patients are diagnosed in **advanced stages**

Estimated **rate of survival** in Mexico is **51.7%**



18,000 cases of active treatments throughout the country

5,000 new cases are detected annually in Mexico

Source: Publication programme of International Agency for Research on Cancer (IARC).

Child cancer in Mexico

- It represents more than **200 different diseases**.
- **It has no specific** clinical or biological manifestations.
- Most of the children with cancer live in **low-income countries**.
- To date, **there are no standardized methods** to assess the risk of cancer in a child or teenager.
- **Early diagnosis** increases the chance of survival and reduces costs.
- It is necessary to have an **effective and approved** means to measure the risk of cancer in the pediatric population.

In a context of high presence of cancer, the question remains: **when to suspect cancer in mexican children?**

Child cancer in Mexico



Every **minute** is **crucial** and makes the **difference** when saving the life of our children.



7 out of 10 deaths can be avoided if we diagnose it **in time**.



Proposed solution: sintomas.mx

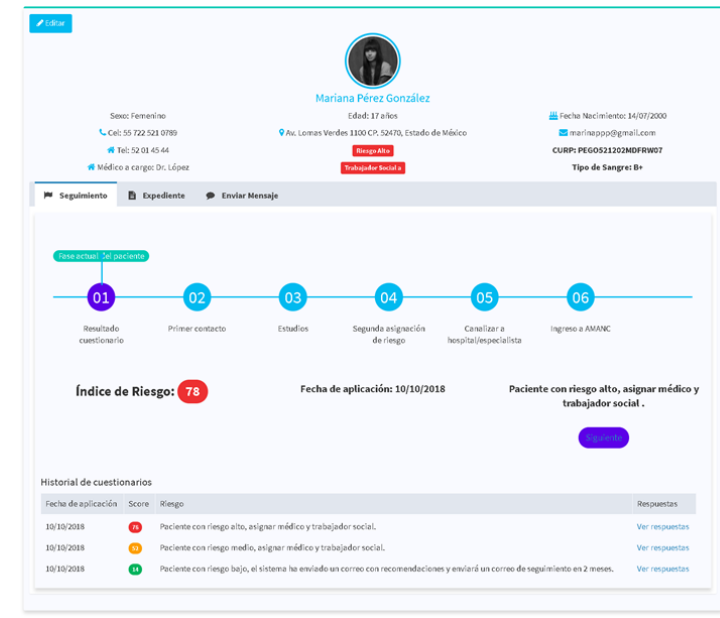
AMANC has been in constant search of **reducing the time of diagnosis of cancer in children and teenagers in order to increase their probability of survival.** We are developing an online platform and AI for early detection so that no child is late for treatment due to lack of information or administrative procedures.

Our core target are parents and relatives who have direct contact with patients

Machine learning driven questionnaire for early diagnosis

Easy access through a free public URL

Community of health professionals for support in high-risk cases



Just the beginning...

Sintomas.mx has been planned as a **online medical information repository** that will allow mexicans to have a **culture of knowledge and prevention of diseases** that affect the most vulnerable population in Mexico.

These are some features that are out of scope of the Minimum Viable Product, but are intended to be addressed in the near future:



- Available in **different dialects** that are spoken in Mexico.
- Accessible for **illiterate people** through voice and audio recognitions.
- Further improvement of the AI considering **environmental factors**.
- The information that will be collected can be used to detect **other type of diseases (e.g. Diabetes)**

Our team of experts

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