

L A I A 



Atzel Abad

Global problem



311,000 women death in 2018

! Mexico



9 of 10 cervical cancer women deaths happen in rural zones.

In rural areas, the Pap response time can take up to 6 months!

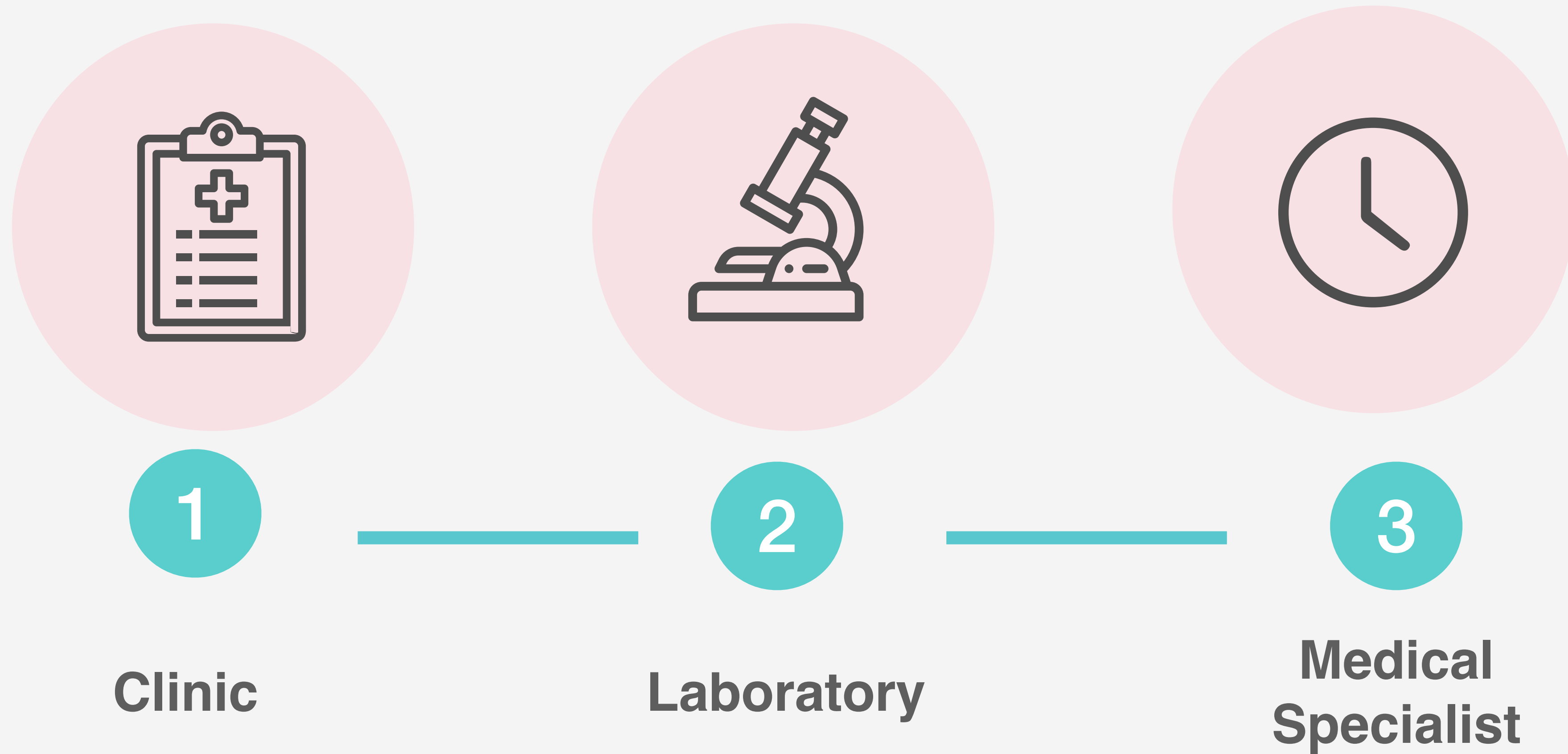
Incidence



The 80% of cervical cancer cases in rural zones are in an **advantage stage of illness**



Pathological study process

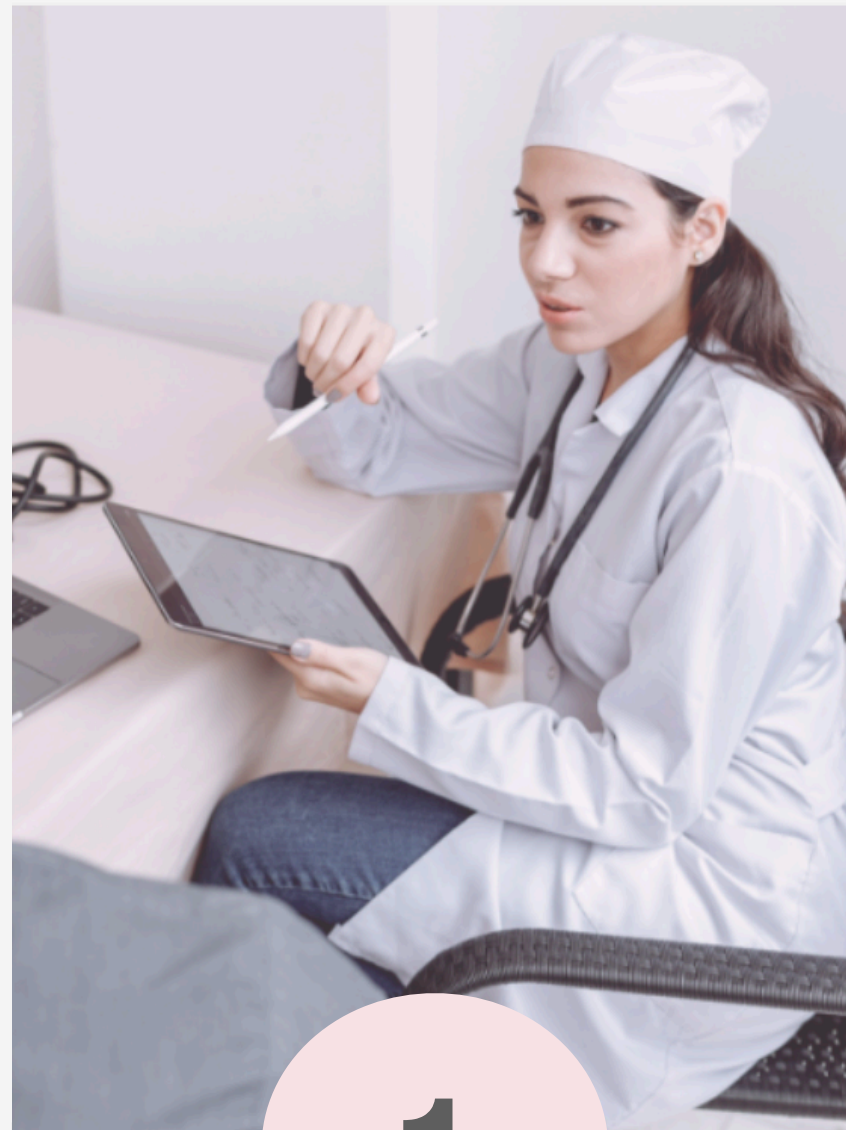


LAIAX



LAIA

LAIA is a Pap smear detection software using Artificial Vision techniques, which can analyze patient samples and prioritize samples that are precursors of cancer or have cancer itself.



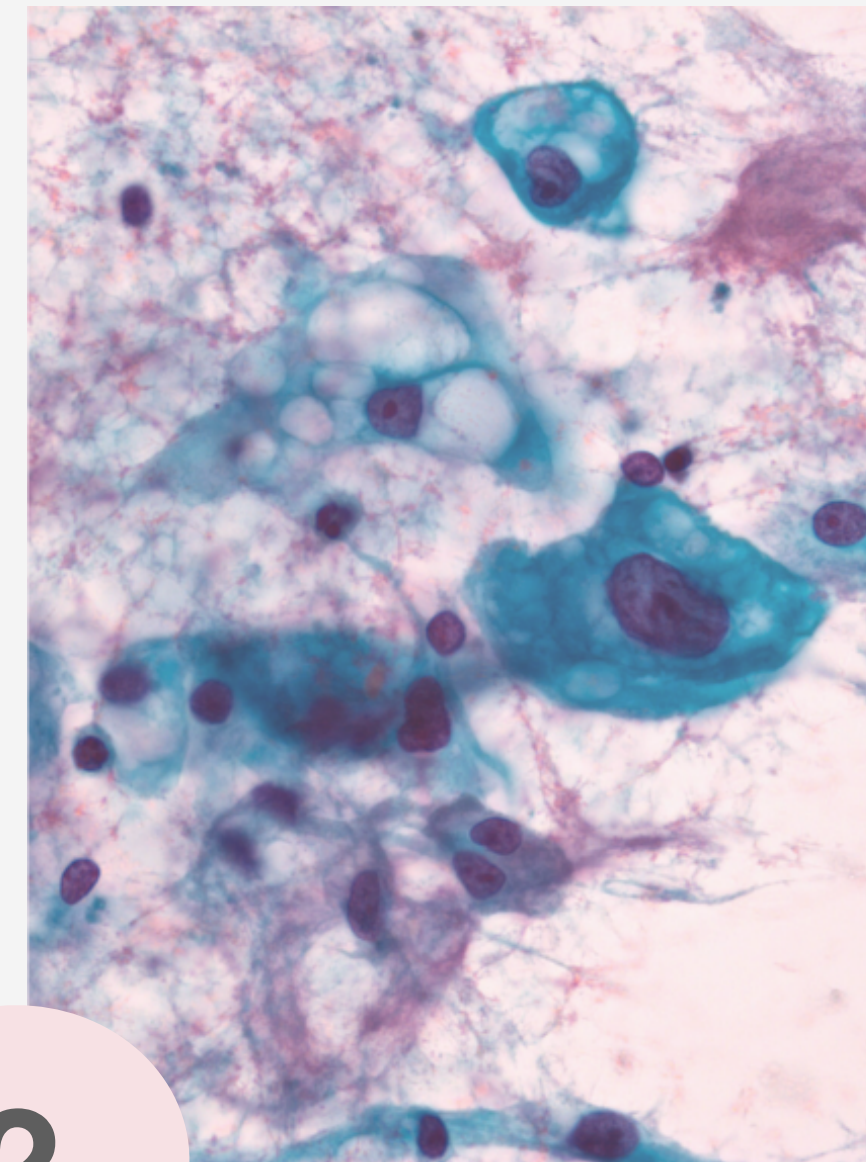
1

Clinic



2

Laboratory



3

Medical specialist


LAIA steps

- 
- 1. Clinical studies digitization**
 - 2. Image processing of clinical studies**
 - 3. Clinical studies storage**
 - 4. Big data management**

Process



LAIAX

Paciente 1 - Normal 

Paciente 2 - Abnormal 

Paciente 3 - Abnormal 

Our target



LAIA is developed to help the health sector to have timely diagnosis

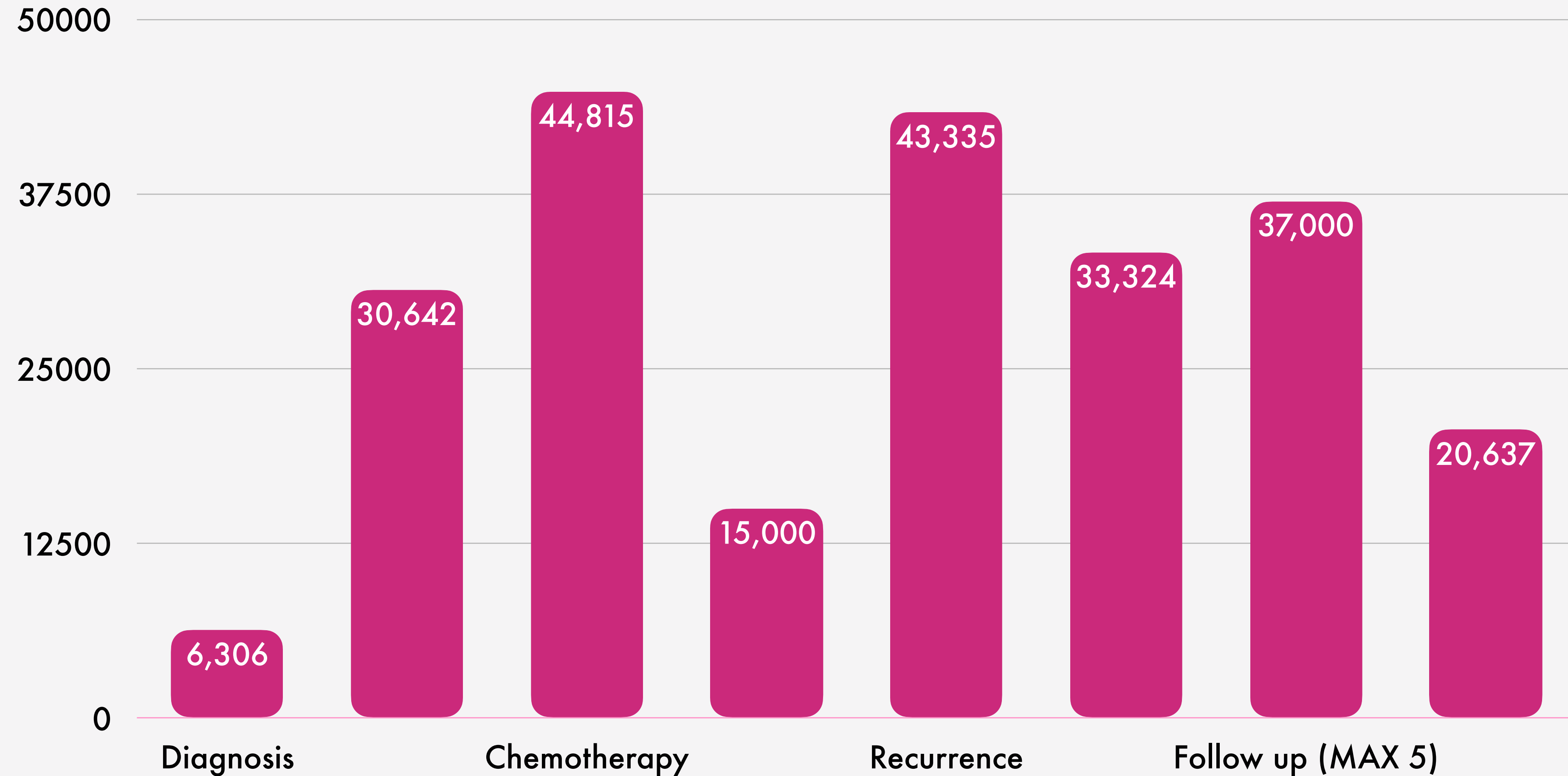
LAIA helps Clinical Laboratories to detect cervical cancer lesions. It's based on Artificial Intelligence

Business Model

On Demand

Subscription / License

Funds against Catastrophic Expenses 2019 - Mexico MXN



<http://www.transparencia.seguro-popular.gob.mx/index.php/transparencia-focalizada/24-gestion-de-servicios-de-salud/50-tabuladores-del-fondo-de-proteccion-contra-gastos-catastrofic>

Jobs to be done (January 2023)

Clinical
validation
(EIRA)

New
hospitals
linking

Technical
validation

LAIA
Community

|| Clinical validation stage

We need to work with

3,500 pap smear

95%
Margin of confidence
(COFEPRIS)

January
2023

Buscamos

ORGANIZATIONS for financial support or collaboration with pap smear

LAIA AMBASSADORS who can conduct pap smears in different states

LINKING with Clinical Laboratories

Let's help to save a life!



A microscopic image of biological tissue, likely stained with hematoxylin and eosin (H&E). The background shows various cells and structures in shades of blue, purple, and pink. A prominent feature is a large, dark purple nucleus within a cell on the right side. The overall texture is granular and complex.

Thank you!

@abadatzel

<https://laia.mx/>