



# AI – Storie ed impatti sulla società

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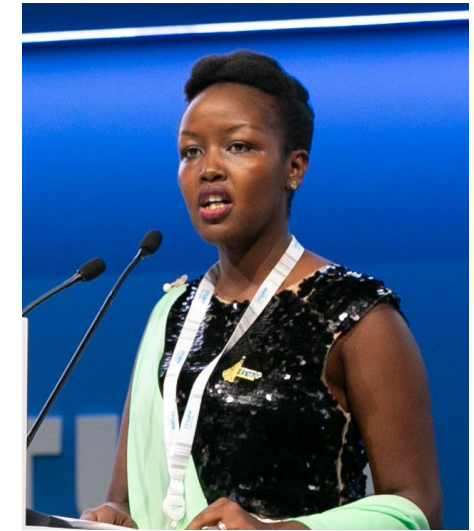
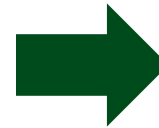




## BLUEPRINT ARTIFICIAL INTELLIGENCE FOR AFRICA

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*Paula Ingabire*  
(Jan 83)

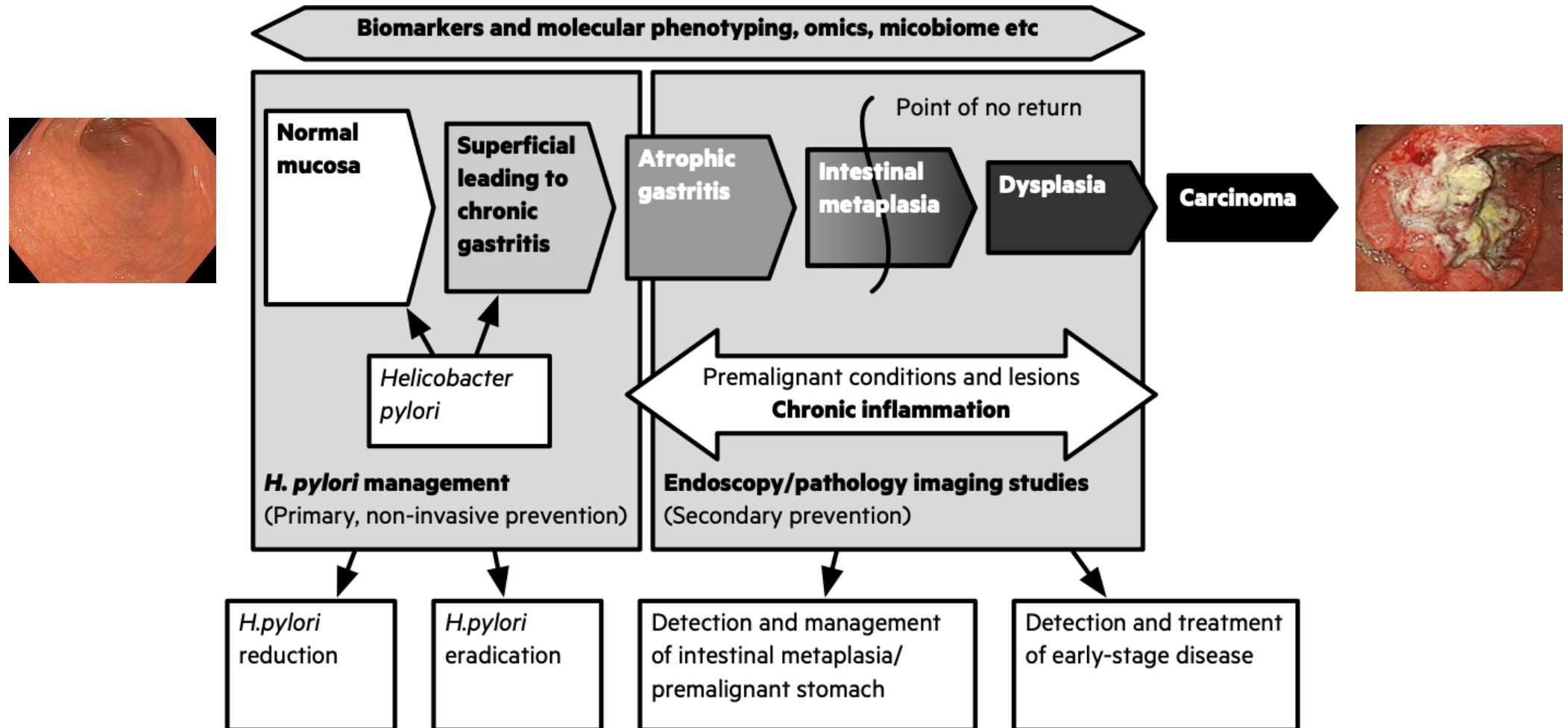


**Zipline**

**Babyl**



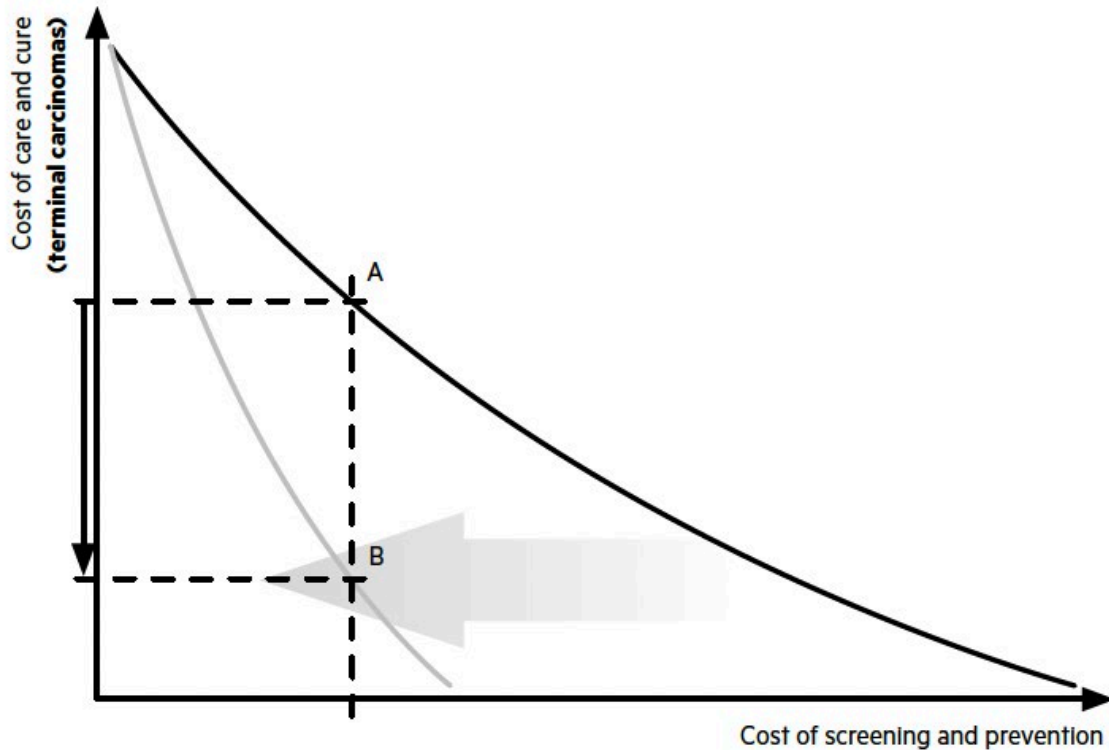
# Correa's Cascade: Tracing the Stealthy March from Gastritis to Gastric Cancer





# AIDA – Economic and societal Impact

AIDA helps lower the incidence of terminal gastric cancer for a given prevention and screening budget. This directly benefits health outcomes and quality of life.

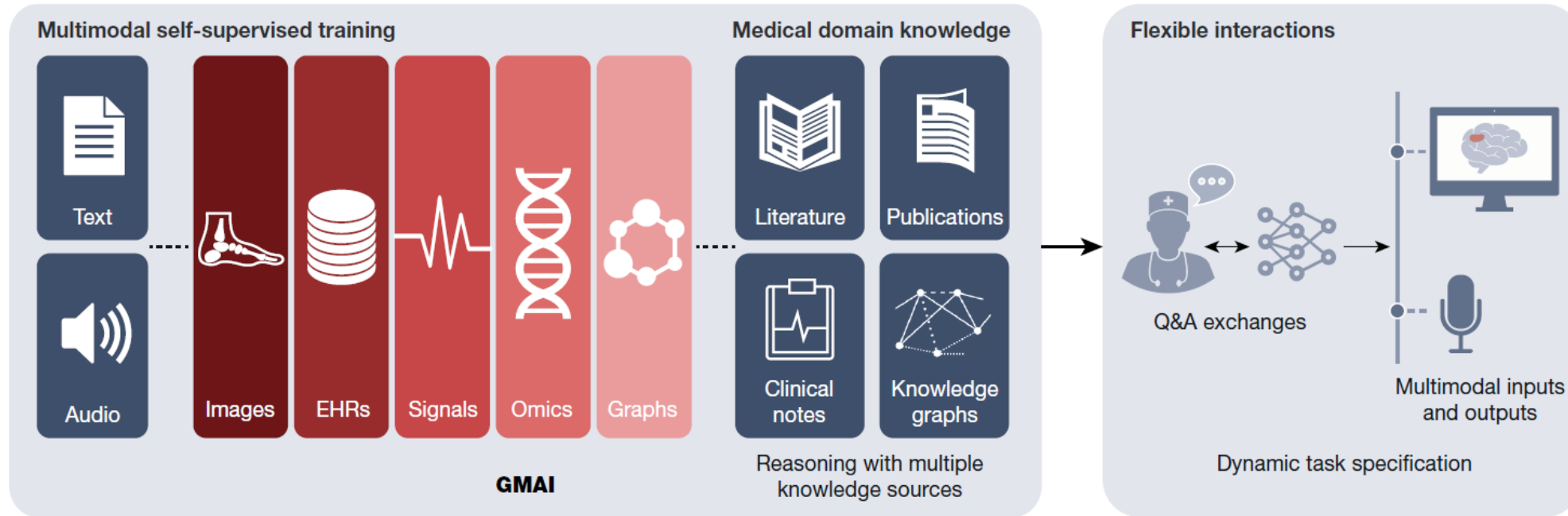


Full implementation of AIDA could save up to **20 000 lives per year** in Europe with associated healthcare savings of **€ 4 bn**

*The shape, scale and relative positions of the curves are arbitrary and only serve to illustrate the point being made*

# Foundational Models (LLM – Minerva, Med-PaLM)

a



b

Applications



Chatbots for patients



Interactive note-taking



Augmented procedures

...



Grounded radiology reports



Text-to-protein generation



Bedside decision support

**Regulations:** Application approval; validation; audits; community-based challenges; analyses of biases, fairness and diversity



Ref: *Foundation models for generalist medical artificial intelligence, Moor, Banerjee et. Al.*



An Artificially Intelligent  
Diagnostic Assistant  
for gastric inflammation



AIDA @ 5/30/2023, 2:02:04 PM 



**AIDA** 02:02 PM

Hello, nice to meet you! How can I help you today?

02:02 PM

The doctor just diagnosed me helicobacter pylori infection, what should I do?



**AIDA** 02:03 PM

I'm sorry to hear about your diagnosis. It's important to follow your doctor's recommendations for treating the H. pylori infection, which usually involves a combination of antibiotics and acid-suppressing medications. Make sure to complete the full course of treatment as prescribed, even if you start feeling better before it's finished. Additionally, maintaining a healthy lifestyle with a balanced diet and regular exercise can help support your overall health during this time. Remember that it's crucial to attend any follow-up appointments with your doctor to ensure the infection has been successfully treated and monitor for any potential complications.



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UK Research  
and Innovation



An Artificially Intelligent  
Diagnostic Assistant  
for gastric inflammation



AIDA @ 5/30/2023, 2:04:54 PM 



**AIDA** 02:04 PM

Hello, nice to meet you! How can I help you today?

02:04 PM

I just diagnosed hp to one of my patient, which therapy should I suggest?



**AIDA** 02:05 PM

As a doctor, you may consider the standard first-line therapy for *Helicobacter pylori* eradication, which typically includes a proton pump inhibitor (PPI), clarithromycin, and amoxicillin or metronidazole for 10-14 days. However, it is essential to take into account local antibiotic resistance patterns and the patient's medical history before prescribing any treatment.



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UK Research  
and Innovation





# Lybian Civil War





# Libyan Emergency Chatbot | Overview

Welcome!!! Are you in trouble? مرحبااهل انت في مشكلة؟

Just now

Someone was shot. شخص ما تعرض للإطلاق. I am wounded. إني مجروح. I am a victim of violence. أنا ضحية للعنف.

Type your message

I am wounded. إني مجروح.

Just now

Send a GPS signal. يمكنك الإعتقاد بما تريد لكن هذا ليس شيئاً. Write a message. ليترك ترسل رسالة نصية.

Send a GPS signal. يمكنك الإعتقاد بما تريد لكن هذا ليس شيئاً.

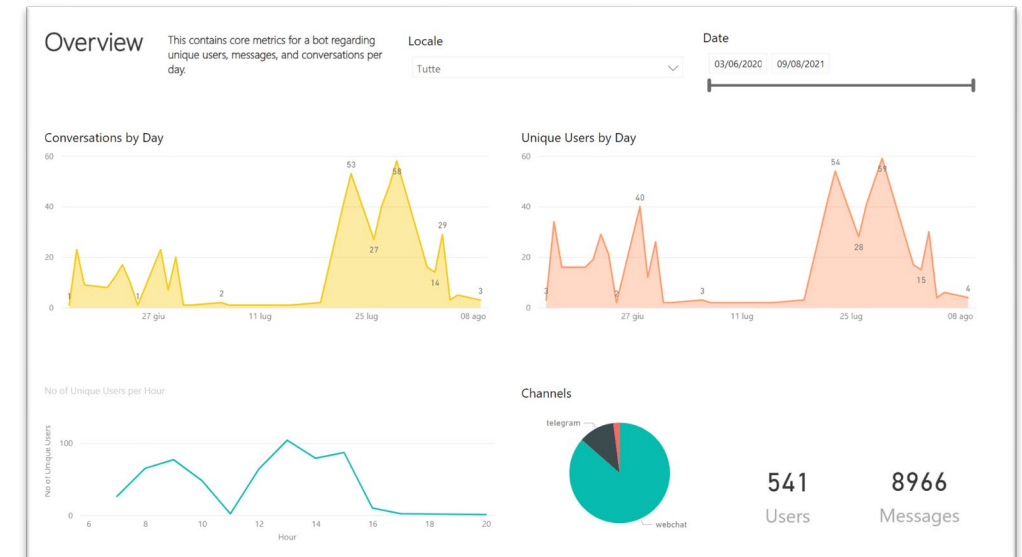
Just now

GPS signal sent successfully. تم إرسال الإشارة بنجاح.

Just now

The **main benefit** of the Libyan Emergency Chatbot that we are designing:

- **Reduction** of response times
- **Targeted** measures in the concerned areas
- **Mapping** of the emergencies in the areas
- **Predictive Models** through the Artificial Intelligence



## AI TOURISM PLATFORM IN MALTA

# MaltaSageAI



CMS



Recommendation  
engine



Intelligent  
insights



Power BI

Power BI  
Administration



NLU