AI – Storie ed impatti sulla società

Andrea Pescino
a.pescino@stratejai.com

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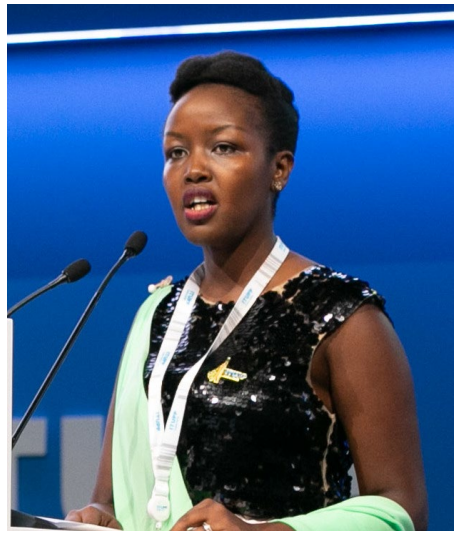


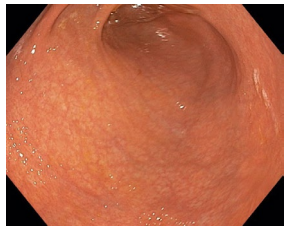
Paula Ingabire
(Jan 83)

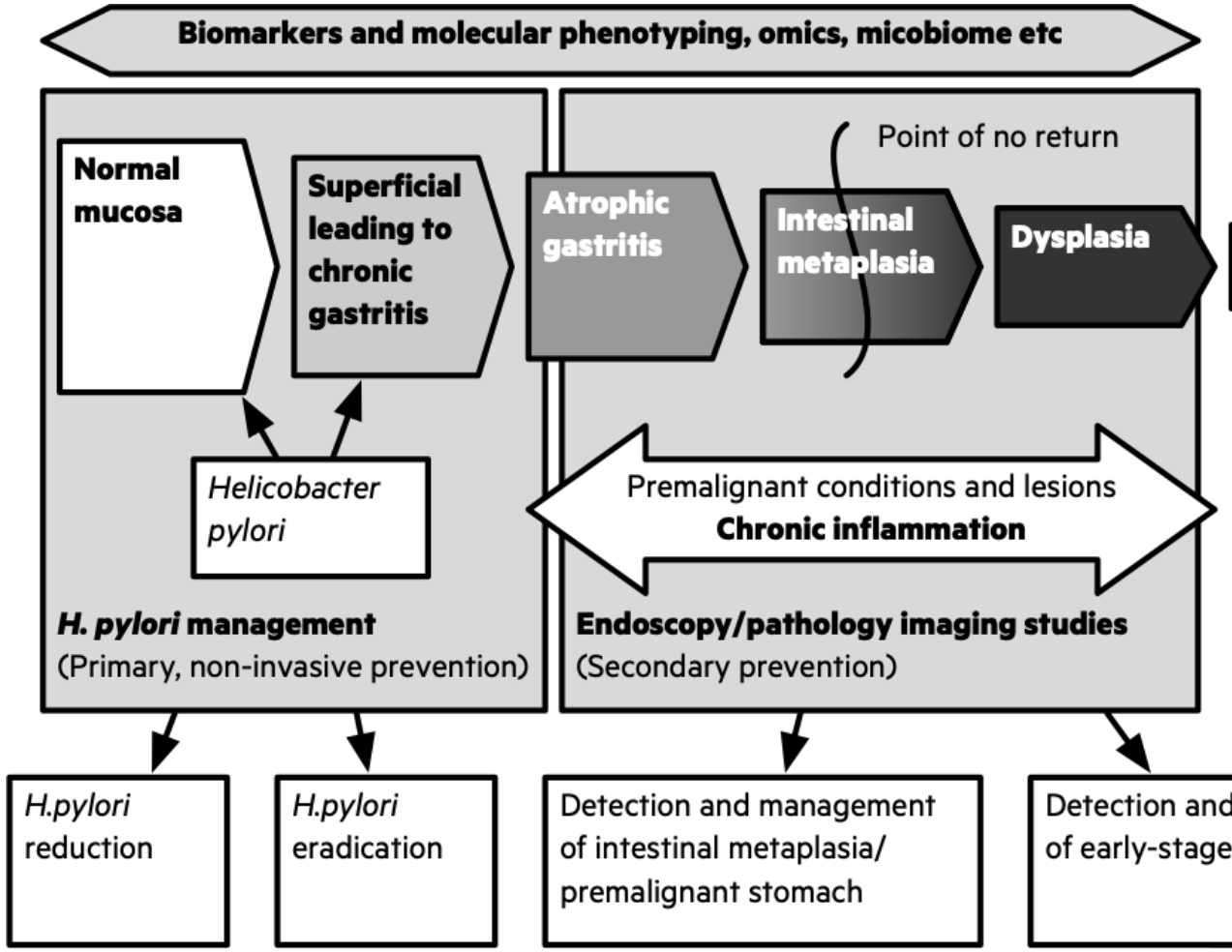
Zipline

Babyl

https://smart.africa/board/login/uploads/70029-eng_ai-for-africa-blueprint.pdf

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





Correa, P. and Piazuelo, M.B. (2012). Journal of Digestive Diseases, 13: 2-9.

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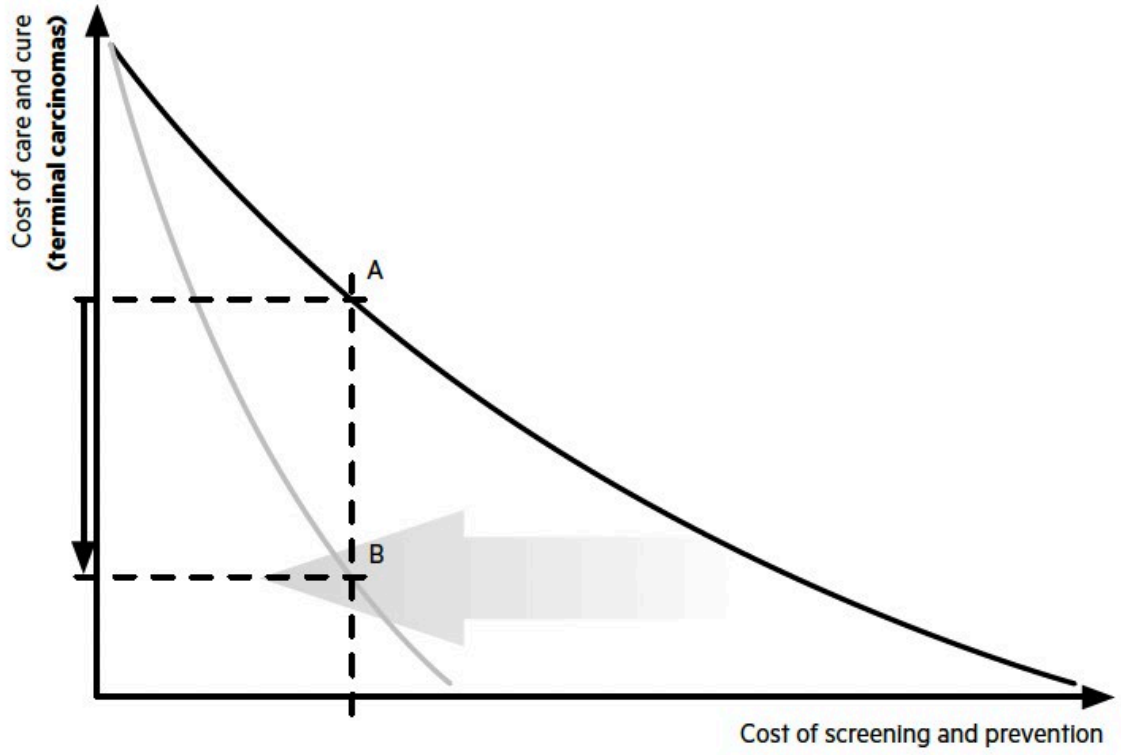
AIDA – Economic and societal Impact

AIDAI 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

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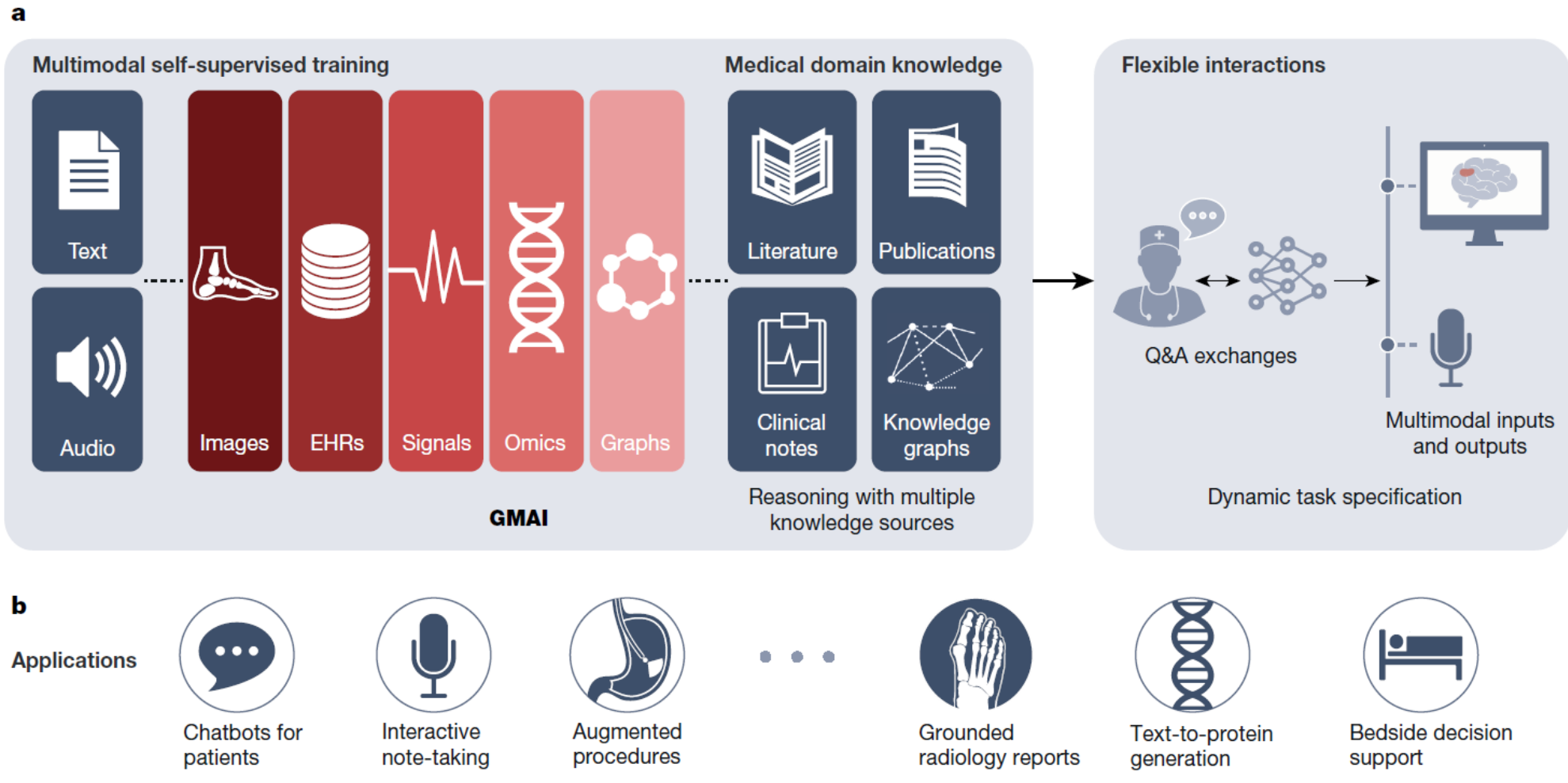
Foundational Models (LLM – Minerva, Med-PaLM)



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

AIDA

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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AIDA

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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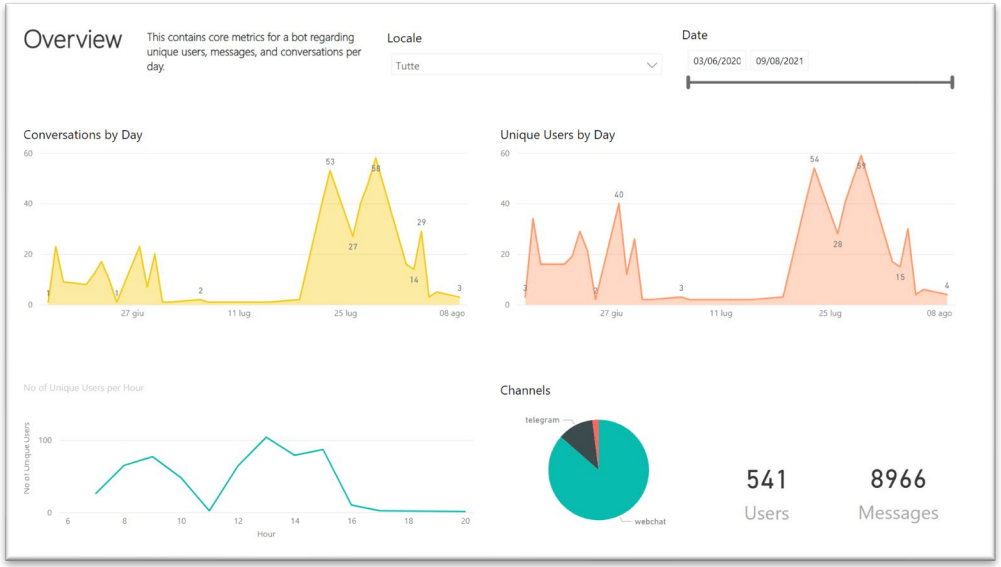
Lybian Civil War

Libyan Emergency Chatbot | Overview



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 on Tourism