

Science-driven and sustainable AI technologies

Supporting clinicians, reducing inequalities, improving patients' experience

ING. DANIELE PILI - CEO



Small, Smart, Sustainable

We are A dynamic digital health company born out of necessity, driven by innovation, and committed to sustainable healthcare solutions.



Founded in 2020

*Our reaction against COVID-19
limitations*



Italian-based

*Digital health company focused on AI and
VR*



Patient-centered

*Built around patients, clinicians, and
caregivers*

Making Care More Human, Through Technology

A minute saved is a minute given back to the human side of care.

- *We create AI and VR tools that improve patients' daily experience in hospitals*
- *We reduce cognitive and operational overload for healthcare professionals*
- *We prioritize emotional well-being, continuity of care, and access — not just efficiency*
- *Every solution is co-designed*

Inner Healing

Virtual Reality for Emotional Well-Being in Hospitals



Aims to reduce anxiety, improve mood, and humanize the hospital stay



Wide variety of contents: nature, art, cultural heritage, meditation

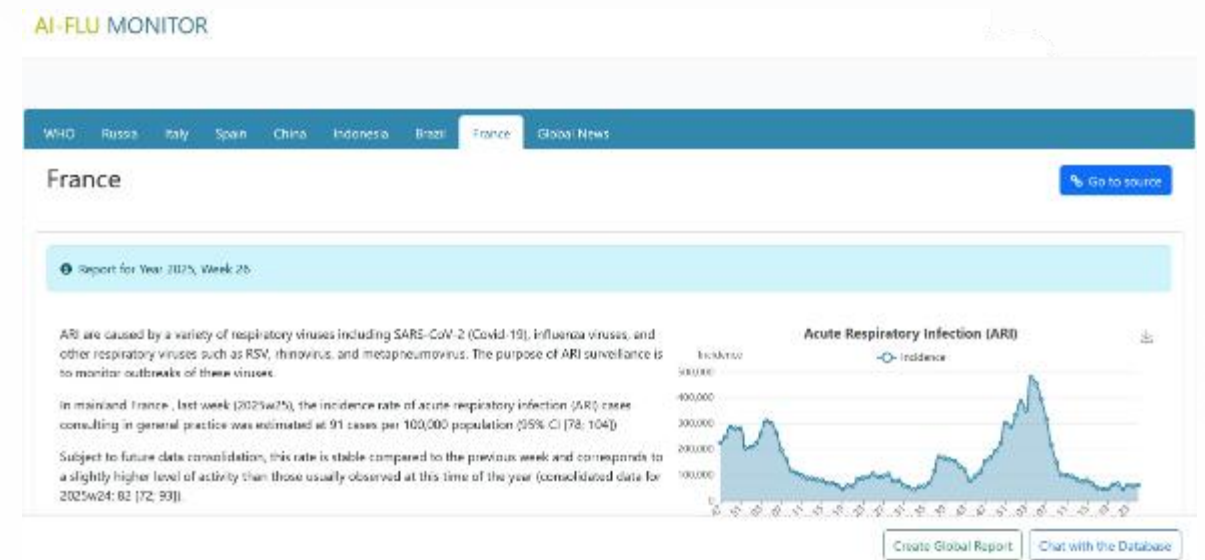


Our Vision for AI in Healthcare



Automate time-consuming tasks: AI Flu Monitor

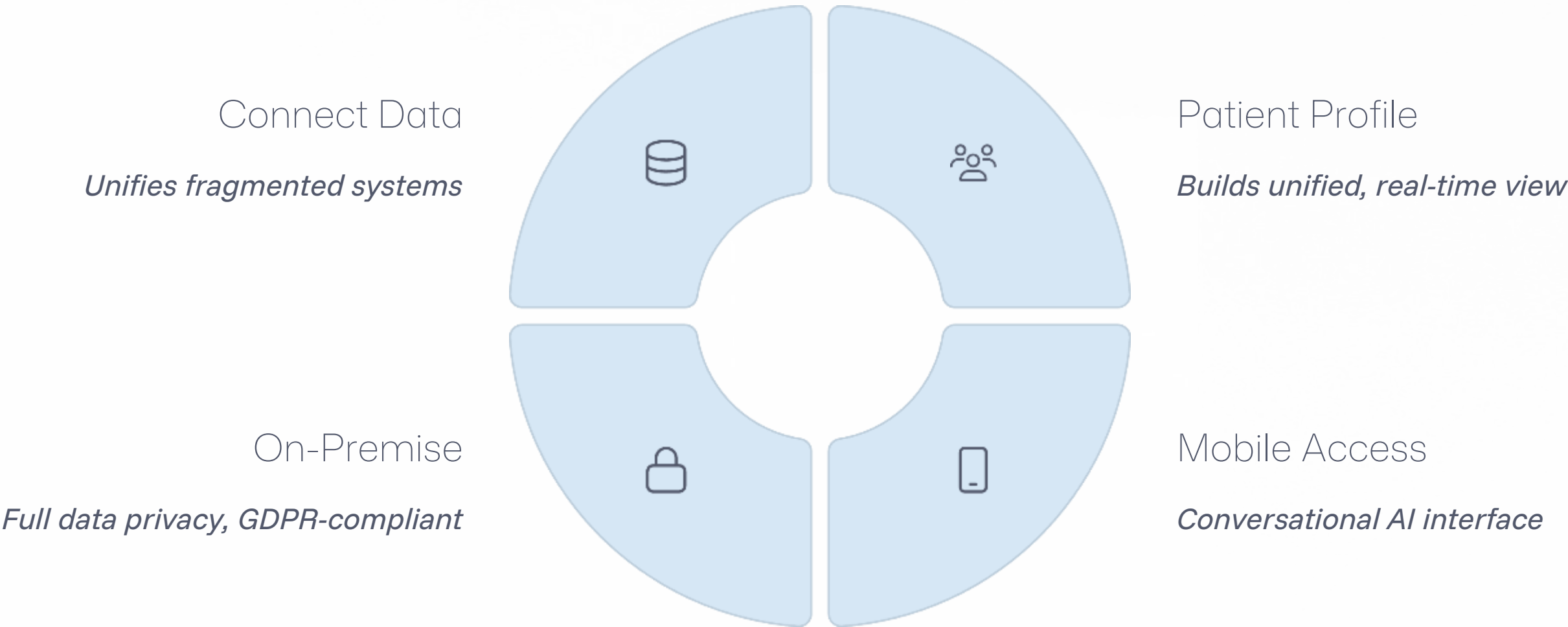
Real-time platform using LLMs to generate global flu and virus activity reports : faster insights, clearer data, ready for action



This system automates insight generation from fragmented data sources, enabling healthcare teams to concentrate on patient-focused innovation.

Healthbridge Care – AI for Home Healthcare

A secure AI-powered platform designed to support home healthcare professionals. It aggregates clinical and administrative data from fragmented systems and provides real-time access through a natural language chatbot.



Emobial – AI for Mental Health Assessment

What it is

Natural language AI interface for anxiety and depression screening (GAD-7, PHQ-9)

Why it matters

- *Mental health comorbidities often undetected*
- *Clinicians lack time/tools*
- *Impacts treatment outcomes*

Benefits

- *Saves time*
- *Stigma-free interaction*
- *Structured results*



Exercise After Chemotherapy: Clinical Evidence*

A phase 3 randomized trial (889 patients, 55 centers) comparing a 3-year structured exercise program vs. health education alone, in patients with stage III or high-risk stage II colon cancer after adjuvant chemotherapy.

+6.4%

5-year disease-free survival

80.3% (exercise) vs
73.9% (control)

+7.1%

8-year overall survival

90.3% (exercise) vs
83.2% (control)

-37%

Relative risk reduction

Significant mortality decrease

**Courneya et al, New England Journal of Medicine 2025*



Clinical Nutrition and Oncology – Evidences and impact

Malnutrition affects up to 40% of cancer patients and has a profound impact on treatment outcomes and survival. Clinical nutrition must be a core element of oncology care.



Prevalence

Up to 40% of cancer patients experience malnutrition during their treatment journey, with higher rates in advanced disease stages.



Clinical Impact

Malnutrition is associated with reduced treatment efficacy, increased toxicity, lower quality of life, and decreased survival rates.



Evidence-Based Intervention

Early nutritional assessment and intervention have been shown to improve treatment tolerance, functional status, and overall outcomes.

Integrating nutrition care into standard oncology practice represents a high-impact, cost-effective strategy to enhance patient outcomes.

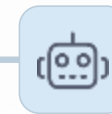
**Arends J, et al. ESPEN Guidelines on Nutrition in Cancer Patients. Clinical Nutrition, 2017.*

Holisphere: AI for Holistic Oncology Support



What it is

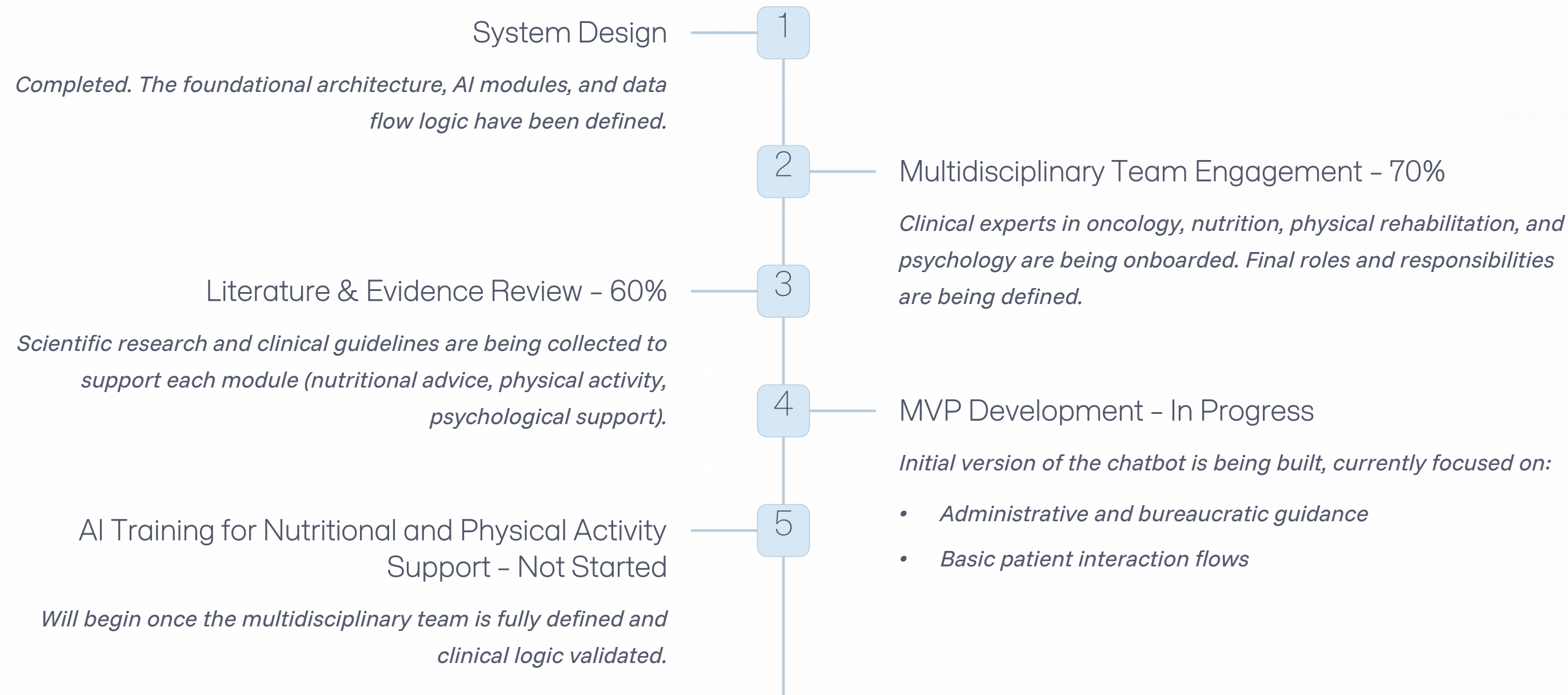
AI ecosystem for GI cancer patients with personalized nutrition and physical activity plans



Why it's needed

- *Guidelines emphasize nutrition/exercise*
- *Limited access to specialists*
- *Improve patient engagement*

Development Timeline – Holisphere Project (2025-2026)



Turning Evidence into Practice – With AI



The Challenge

Guidelines recommend programs most patients don't receive



The Opportunity

AI makes care more accessible, consistent, sustainable



Our Goal

Transform evidence into daily practice everywhere

Why Our Approach Matters



Human-Centered Design

- *Patients, clinicians at heart*
- *Co-designed systems*
- *Empathy as principle*



Evidence-Driven Innovation

- *Rooted in science*
- *AI transforms interventions*
- *Scalability with rigor*



Sustainable & Accessible

- *For low-resource settings*
- *Don't rely on large teams*
- *High impact, low cost*



*Innovating with empathy,
evidence, and equity – to make
meaningful care available to all.*

THANK YOU

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