XOLTAR

AI-BASED ACCOUNTABILITY PARTNER

OVERVIEW

The Problem

Patient engagement within a month:

Clinical trials	~ 30% dropout
Chronic disease programs	~ 43% dropout
Medical follow-up/monitoring	~ 45% dropout
Medication adherence	~ 50% dropout

Why is Engagement Difficult?

Reminders, apps, and emails all get drowned out in today's busy life.

The one things that works? ***Human interaction***.

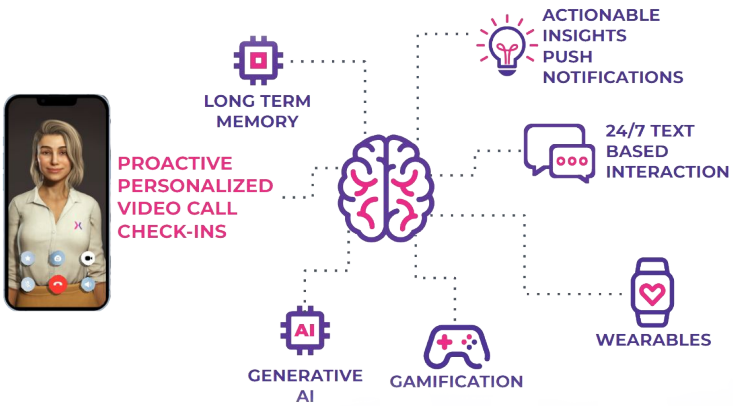
Human interaction requires available medical and paramedical staff, an expansive and scarce resource.

Until now...

AI-Based Health Partner

Heather is a virtual human-like video chat agent, capable of leading complex relationships with multiple users at the same time.

Using their modulatory **virtual brain**, Heather can see, talk and listen, identify non-verbal cues, question patients and collect wearable data. With infinite memory, emotional artificial intelligence and 24/7 availability, they form relationship with the patients effectively simulates and even surpass human interaction in terms of emotional support, medical guidance and habits formation.



XOLTAR offers a real-time hyper-personalized mobile platform for conversational agents, like *Heather*.

Each agent can look and talk differently, promote different goals and behaviors, monitor patients, collect and report video & audio RWE about the treatment in real time, and offer an emotional hand-holding experience with zero marginal costs.

EXAMPLE USE CASES

Patient support companion

"Jordan, it looks like you're about to run out of pills in less than a week. I have sent your doctor a request for a new prescription, and it should be waiting for you in the pharmacy."

Post-intervention monitoring

"Ashley, are you feeling any better today? It's normal to feel a bit weak after an operation, but let's take your temperature and I will add it along with your heart rate measure to your record "

Physical and emotional well-being

"Luis, you sound stressed. Try to practice the mindfulness skill you have loaded, and consider walking back home through the park today."

HIGH USER SATISFACTION

Patients experience

82% Loved the experience

>88% Retention*

*chronic-pain patients who finished the whole program

WHY IT WORKS

What users appreciate about Heather

DEEP TECHNOLOGY

The XOLTAR team brings together decades of experience in real-time Computer Vision, Artificial Intelligence, Deep Learning, and Psychological Research to develop a unique cloud based Generative AI architecture, allowing Heather to provide natural-feeling, high-quality continuous experience with an emotional bond and feeling of social co-presence, leading to a significant behavioral impact.

©2023 XOLTAR INC. PROPRIETARY AND CONFIDENTIAL. ALL RIGHTS RESERVED.