



ENDING
DEPRESSION

Siga is a neuroscience startup using AI to
change the lives of people with depression

320+ million

people worldwide have depression

US\$1 trillion

each **year** in lost productivity worldwide

Depression is the major
contributor to the 800,000
suicide deaths **every year**

The Problem

Long waiting to start treatment

High treatment cost

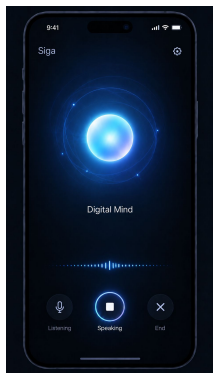
Untailored treatment

70% of people remain
untreated globally



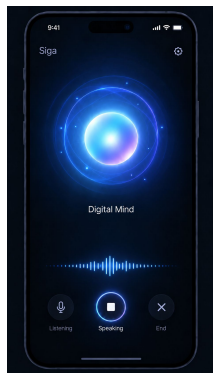
Our Solution

A single platform for treatment, recovery and prevention of depression powered by frontier technology



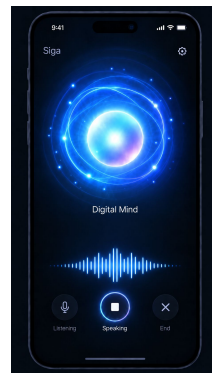
Speak or write

The person shares experience and context.



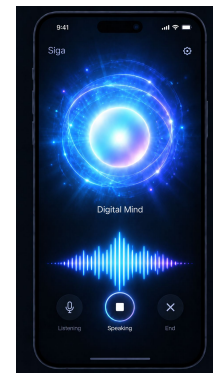
Decode meaning

The model mirrors the mind of the user



Recovery Plan

The model tests treatments and provide users with a plan with highest chances of success



Track

Helps users keep on track, and alert them before a new depression onset

Digital Mind

1 Biological blueprint

Models key evolutionary and developmental processes that shape emotion, learning and unconscious responses.

2 Depression intelligence

Connects evidence from neuroscience, behaviour, physiology, genetics and treatment outcomes.

3 Personal Digital Mind

Updates the individual model over time and simulates how interventions may change the trajectory.



Conceptual architecture. The predictive core model remains in development.

Cure: from years to minutes

A Digital Mind that thinks and feels like users, tries different paths on the fly and provide users with the most likely to work

Immediate start

Precision care

Personalized
Recovery plan

Options for all
budgets

Competitive advantage

1. **First-mover advantage:** The first frontier technology precision model focused exclusively on non-pharmaceutical treatments for depression
2. **Providers aggregator:** Combines marketplaces, clinician directories, computer-based and self-guided therapies
3. **Low operational costs**
4. **Scientifically validated model**

Business Model

For patients

Free assessment and tracking

Free treatment guidance during therapy

Siga receive a 10% commission from clinicians per referral

For insurers and health systems

Bespoke model reduces costs by:

- Eliminating assessment and referral costs and waiting time
- Finding the most efficacious treatment
- Calculating savings of external provision when clinicians are not available

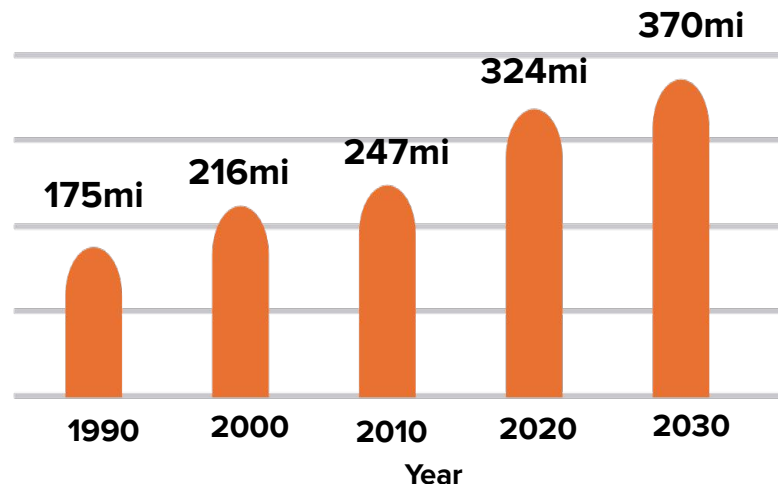
Market Size

USD 19.5 billion is spent every year in **psychological treatment** for depression in the USA

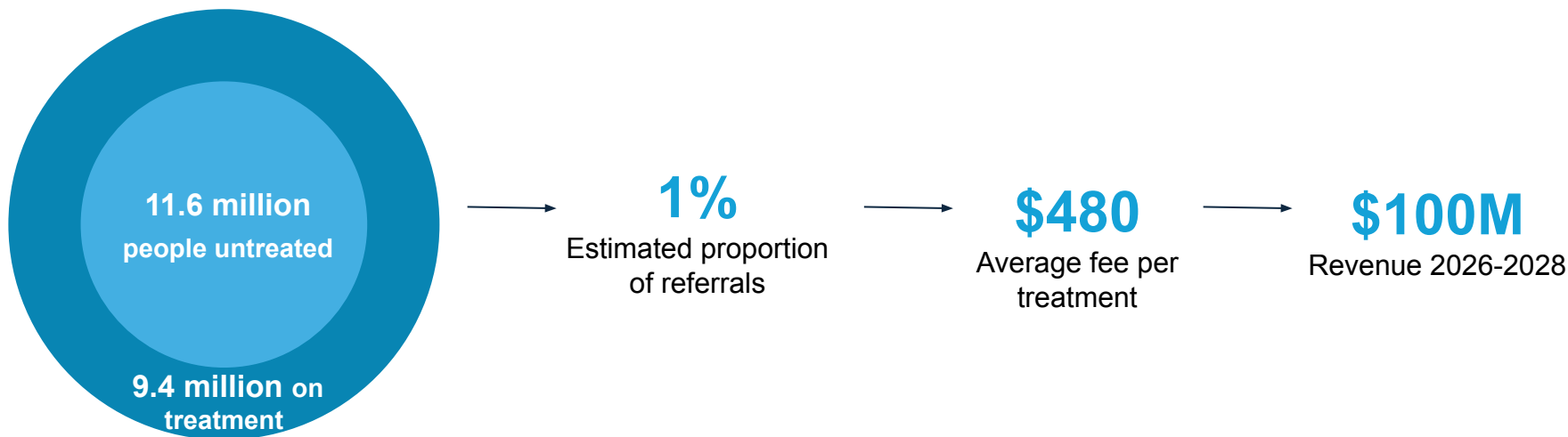
Mental health software and devices market size is worth **USD 5.1 billion**

The screening market is worth an **additional USD 700 million**

Number of people with depression globally



Projected Market in the USA



Competitor Analysis*

	Market place	Tailored assessment	Monitoring	Scientific validation
Brightside Health		Limited		
Cerebral		Limited		
Spring Health				
Happify				Limited
HeadSpace				
MindShift		CBT** only		
MoodKit		CBT** only		
MoodTools				
Reflect				
				

* Based on our own research **Cognitive Behavioral Therapy

Funding plan

Pre-seed funding

Core model

Model architecture
Data structure
Simulation prototypes

Product

Conversation layer
Longitudinal check-ins
Personal workspace

\$350K

**Digital Mind
MVP
and pilot
preparation**

Clinical and safety

Clinical advisory
Data governance
Validation design

Pilot and partners

Pilot recruitment
Outcome
measurement
Provider onboarding

Why Siga?

- ❑ We have been there! And are committed to stop depression from disrupting more lives
- ❑ Concrete results: **\$350K** will allow us to expand our users' base, improve our algorithm, and implement unique AI agents that will manage all the admin work for patients and help them stay in track.
- ❑ **IP 1:** Extraction and integration of data from clinical trials into a comprehensive depression dataset
- ❑ **IP 2:** Matching based on patients characteristics and treatments outcomes
- ❑ We use **AI architecture** that was not available when competitors developed their products

Our team's experience



Key personnel

FOUNDER

João Lobato



Mphil from Cambridge. Social and data scientist. 20+ years experience as a consultant for World Bank, UN, International Finance Corporation

NON-EXECUTIVE DIRECTOR

Ralph Price



25 Years of Operational Leadership.
Venture Partner + Corporate Advisor.
EPEC Visionary

SENIOR SCIENTIST

Aland Astudillo, PhD



AI engineer and neuroscientist, 12+ years experience in healthcare.
Research Fellow at Western Sydney University

SENIOR SCIENTIST

Felippe Amorin, PhD



Neuroscientist at the University of Cambridge specialist in learning, memory, and metascience

ADVISOR

Colonel Lee Rosen (US Air Force, Ret.)



Former SpaceX VP, 30+ experience in government and private ventures,
Co-founder & CEO ThinkOrbital

ADVISOR

Neil Shearing, PhD



Former cancer researcher, online entrepreneur since 1997, depression specialist



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