

# INTEGRATED HEALTH EMPOWERMENT PROGRAM

Transforming Aftercare. Accelerating Cures.



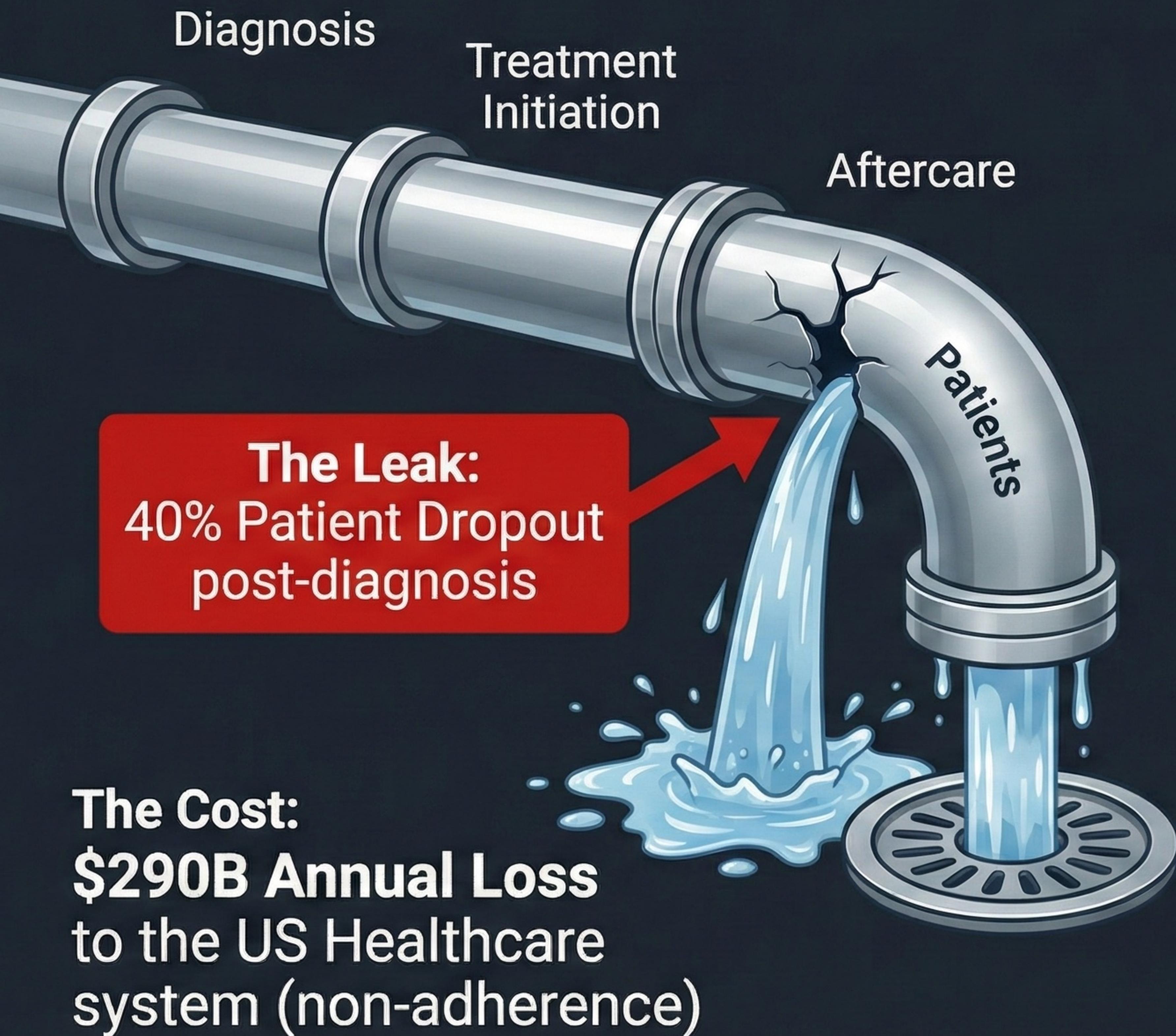
The Ask: \$3.5M Seed | \$12M Pre-Money Valuation

The Lead: Jason Jarmacz, Founder & Principal Investigator

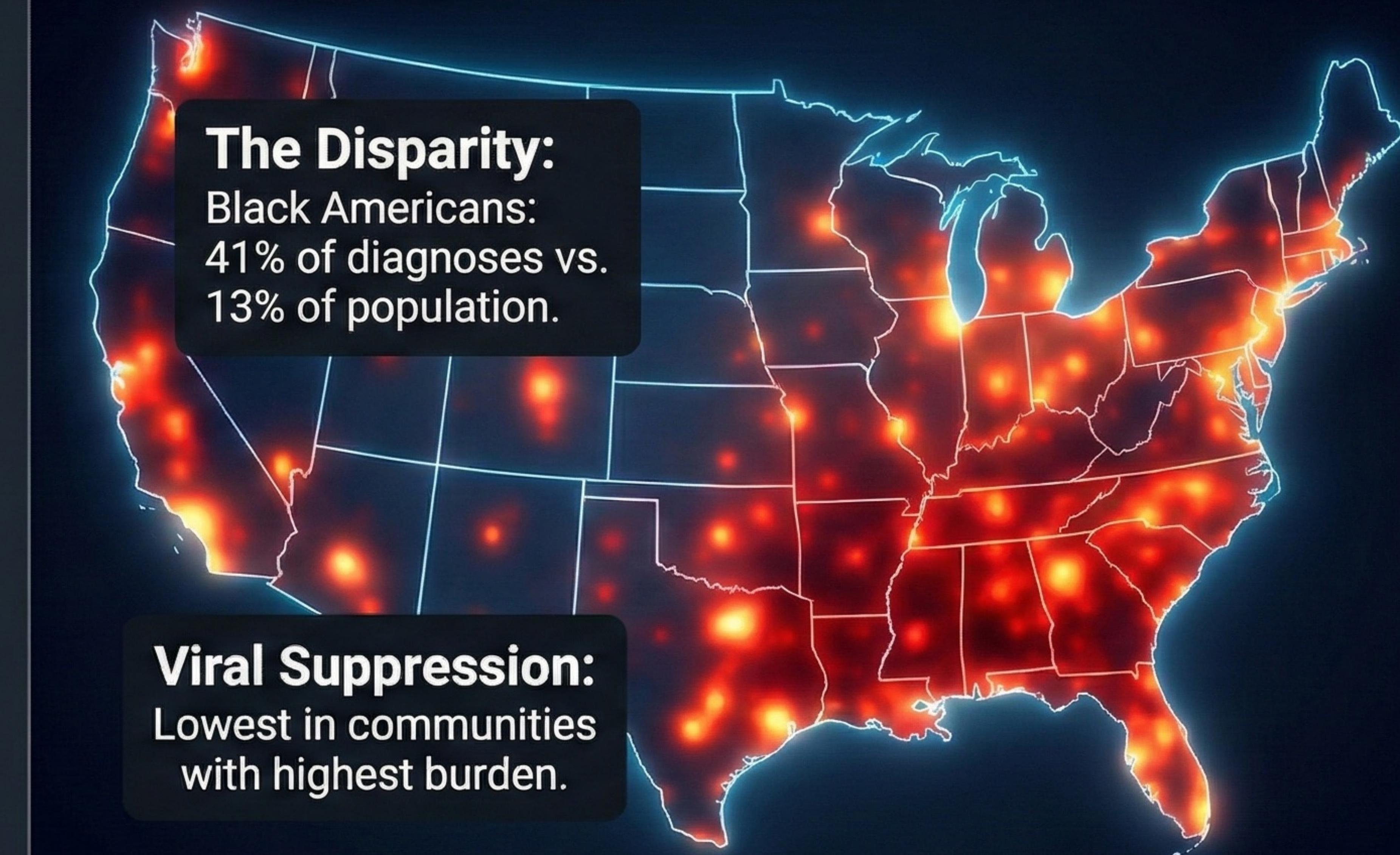


# A SYSTEM FAILURE, NOT A CLINICAL ONE

## Patient Journey



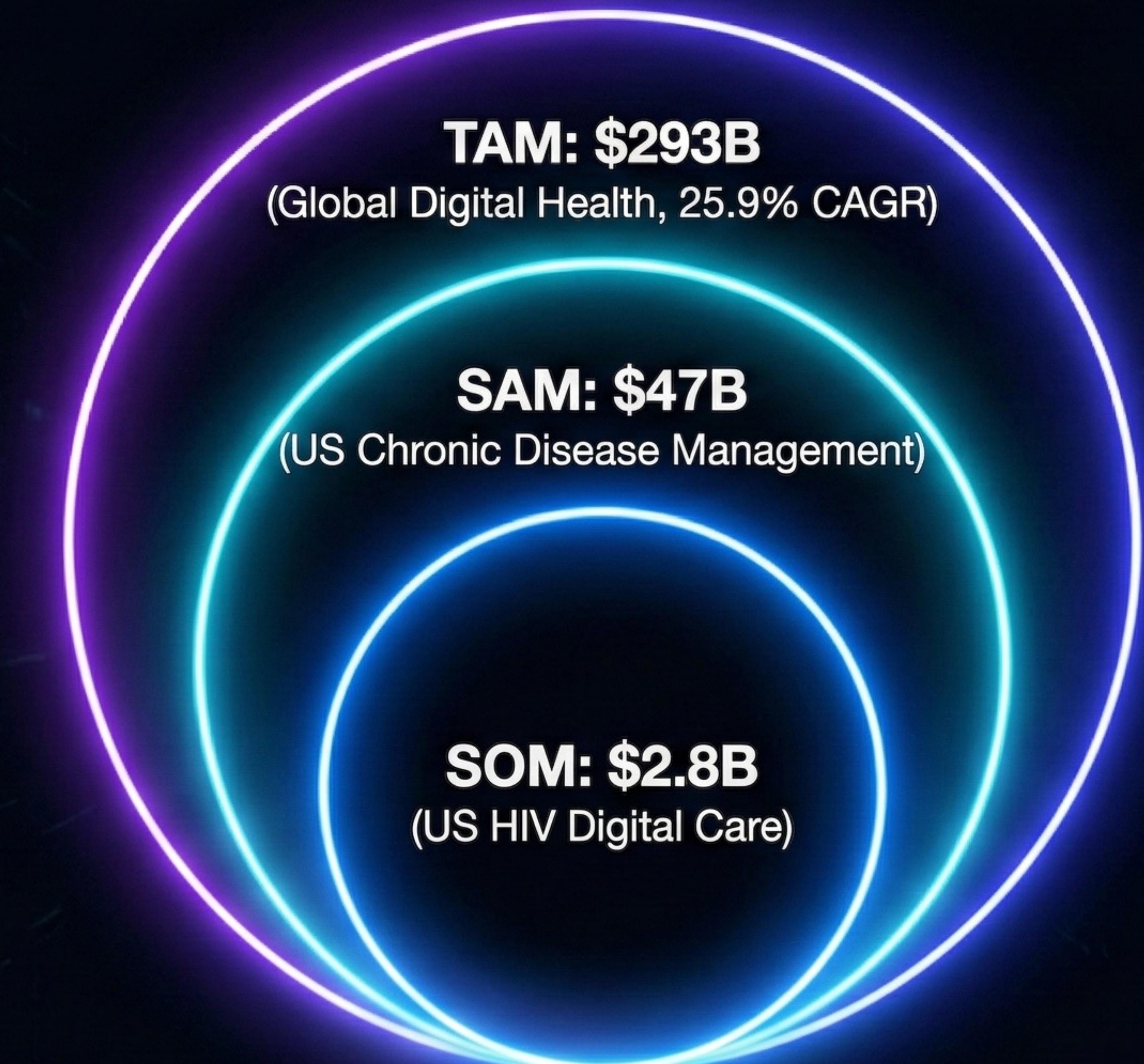
## HIV Hotspots & Demographic Disparity



## Mathematical Impact:

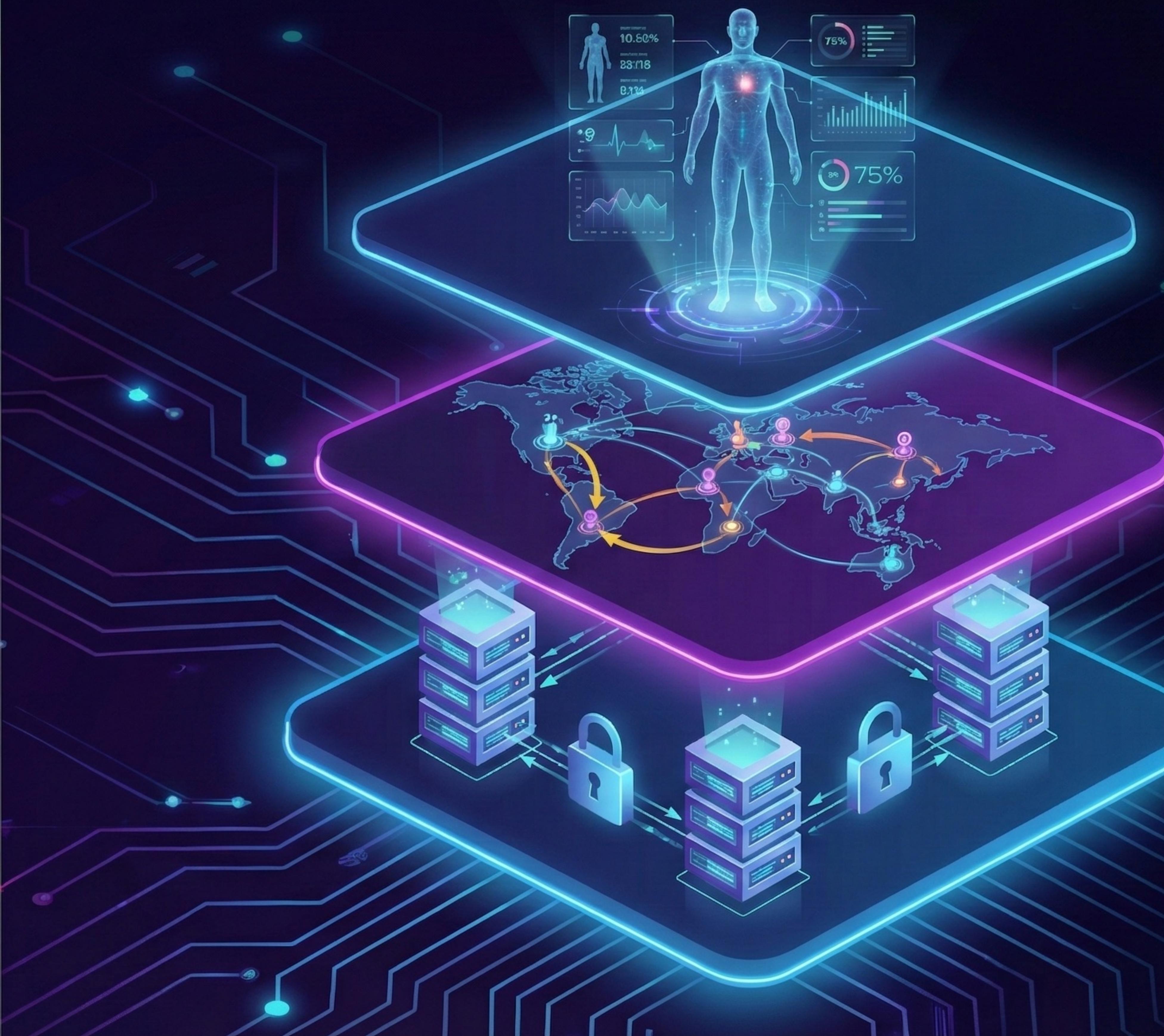
$$\Delta M = (P_{dropout} \times C_{lifetime}) \times N_{annual}$$
$$= \$6.4 \text{ Billion (HIV Alone)}$$

# FROM BEACHHEAD TO PLATFORM



- **Beachhead:** 1.2M Americans living with HIV.
- **Economics:** 1% viral suppression improvement = \$1.2B value creation.
- **Expansion Vector:** The architecture scales immediately to Cancer, Rare Blood Diseases, and Autoimmunity.

# MORPHOGENETIC DIGITAL HEALTH ECOSYSTEM



## LAYER 1: Patient Digital Twin

Real-time predictive modeling (Clinical + Psychosocial + Behavioral). **75% Accuracy** in 3-month trajectory prediction.

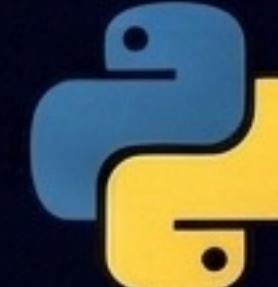
## LAYER 2: Organizational Twin

Maps care ecosystems to identify resource gaps (**25% efficiency gain**).

## LAYER 3: Federated AI Network

Zero PHI Exposure. Models train locally; only insights move.

## Tech Stack

	Next.js 14
	Python Microservices
	TensorFlow Federated
	Google Cloud Healthcare API

# THE ONLY INTEGRATED PLAYER



**THE MOAT**



Compliance-First Architecture (2-year head start on FDA AI regs).



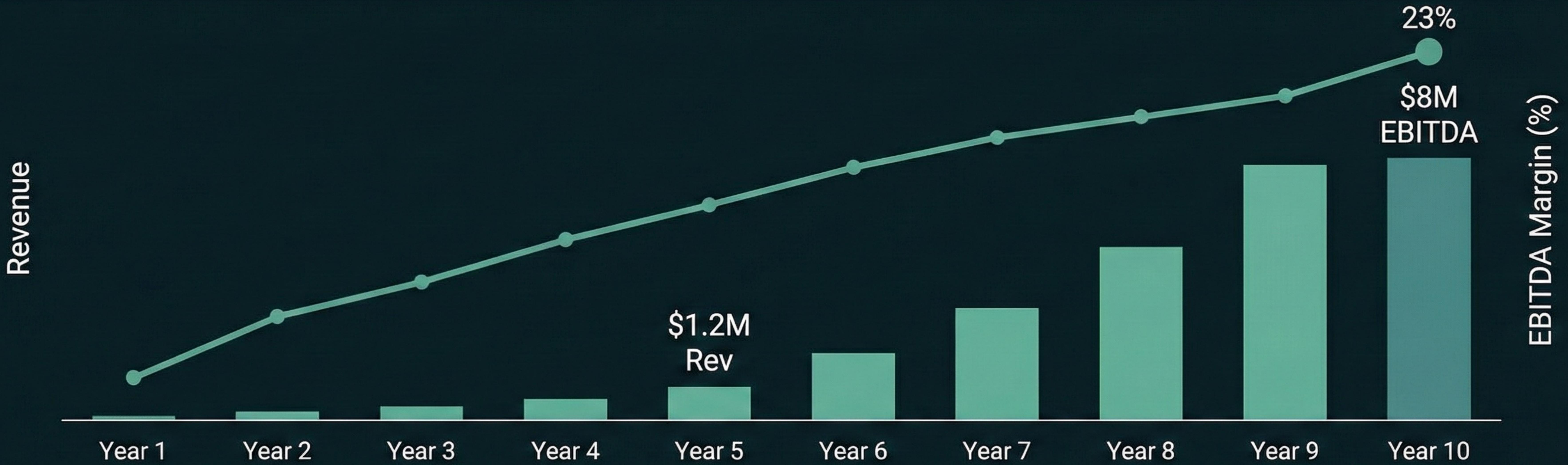
Federated Learning (Privacy + Power).



Google Cloud Partnership (Enterprise Validation).



# HIGH MARGINS, HIGH IMPACT



## Revenue Engines

- **Provider Contracts:** \$150–\$300 PMPM (Care Coordination).
- **Pharma Licensing:** High-value longitudinal datasets for cure research.
- **Enterprise Licensing:** White-labeling the 'Twin' tech.

## Projections

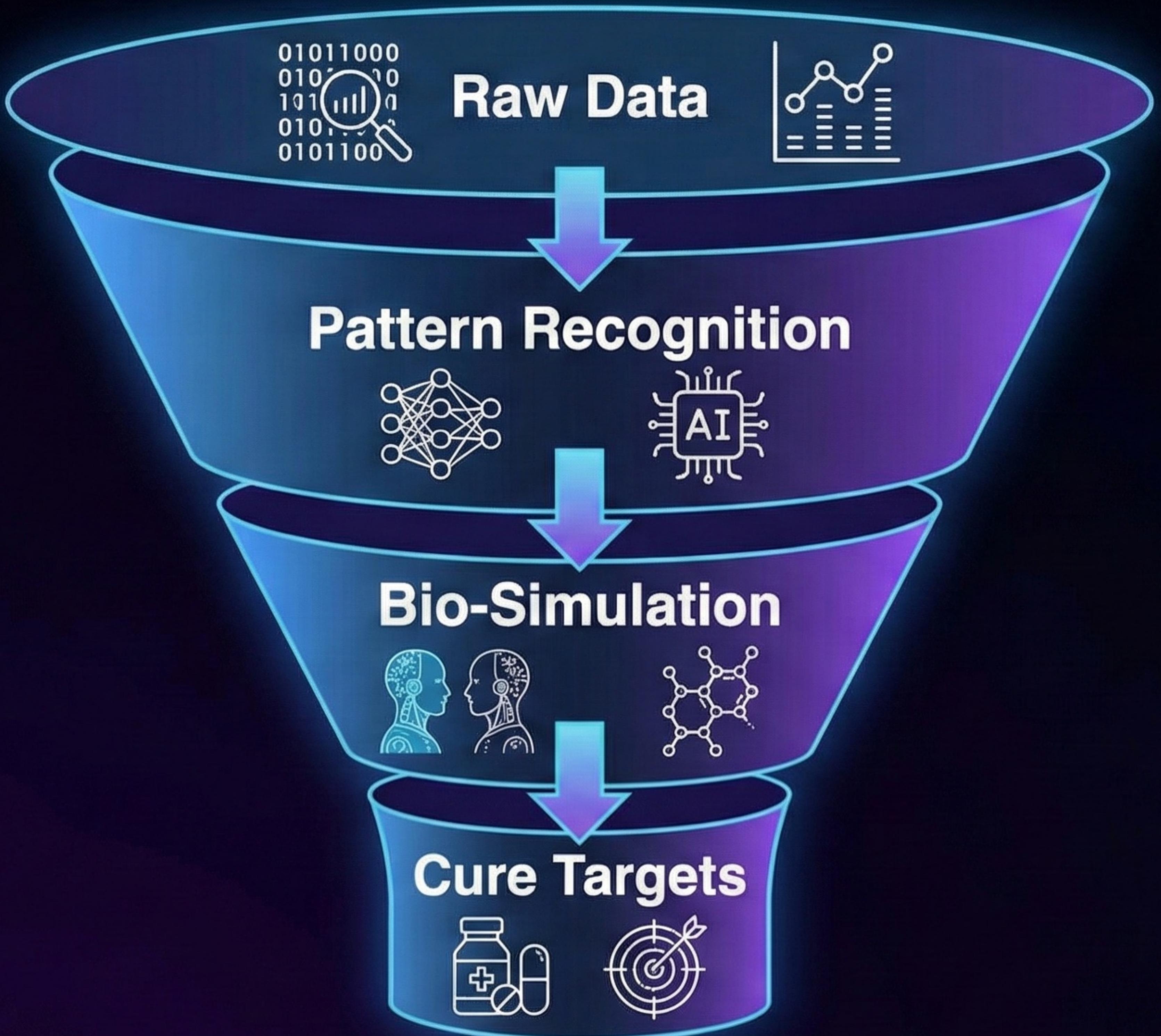
- **Year 5:** \$1.2M Rev (Validation Phase).
- **Year 10:** \$35M Rev | \$8M EBITDA (23%).

## Unit Economics

- **LTV:** \$3,600 | **CAC:** \$500 | **Ratio:** 7.2:1.
- **IRR:** 34.2% (30-Year).



# BEYOND CARE: THE ROADMAP TO CURE



**The Thesis:** The same Digital Twins used for scheduling appointments are generating the richest biological dataset in history.

## Upside Optionality (Not in Financials):

- Elite Controller Analysis: AI-driven analysis of immune mechanisms.
- In-Silico Trials: Simulating CRISPR-Cas9 protocols on Digital Twins.

**Market:** Functional Cure Market value est. \$50–\$100B.

# EXECUTION MACHINE

## ACHIEVED

- ✓ Architecture Validated & Math Security Proven.
- ✓ Google Cloud Business Partnership Executed.
- ✓ 30-Year Financial Model Complete.



## UPCOMING (Post-Funding)

**Month 6:**  
MVP Operational & Security Audited.



**Month 9:**  
First 50 Patients (Miami Pilot).



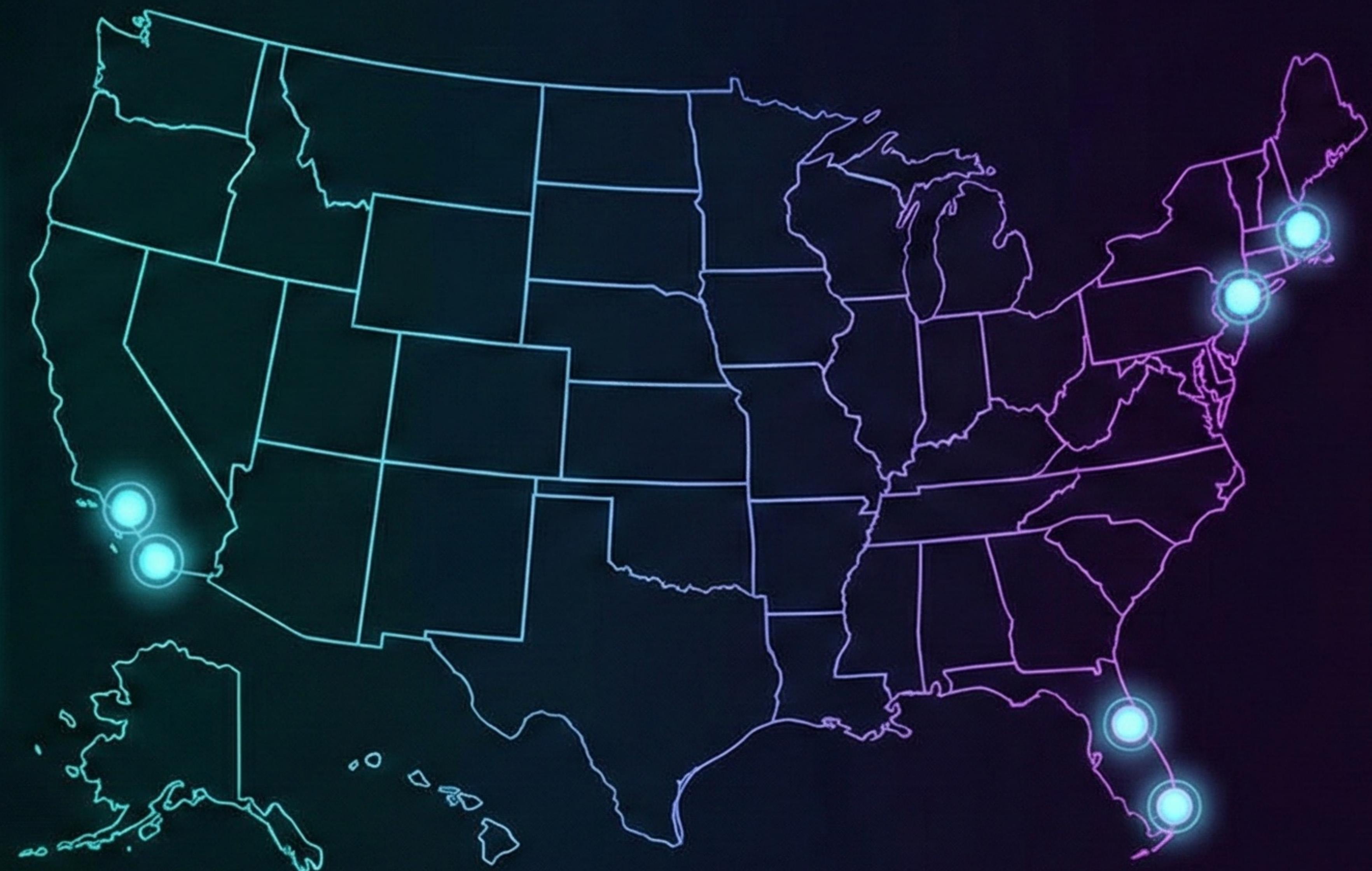
**Month 12:**  
150 Active Participants + Outcome Data.



# COMMUNITY-FIRST EXPANSION

**Phase I (Year 1):  
Miami/Orlando**

High prevalence,  
strong infrastructure.  
Partnering with Ryan  
White clinics.



**Phase II (Years 1-2.5):  
Los Angeles/San Diego**

Second most prevalence,  
largest population,  
highest risk of exposure,  
multiple outreach  
partnerships.

**Phase III (Years 2.5-5): Boston/New York**  
Triangulation complete. Full Implementation  
of Paired (Twin) City infrastructure.



# COMPLIANCE AS A WEAPON



**The Risk:** Data Breach & AI Bias.

**The Mitigation:**

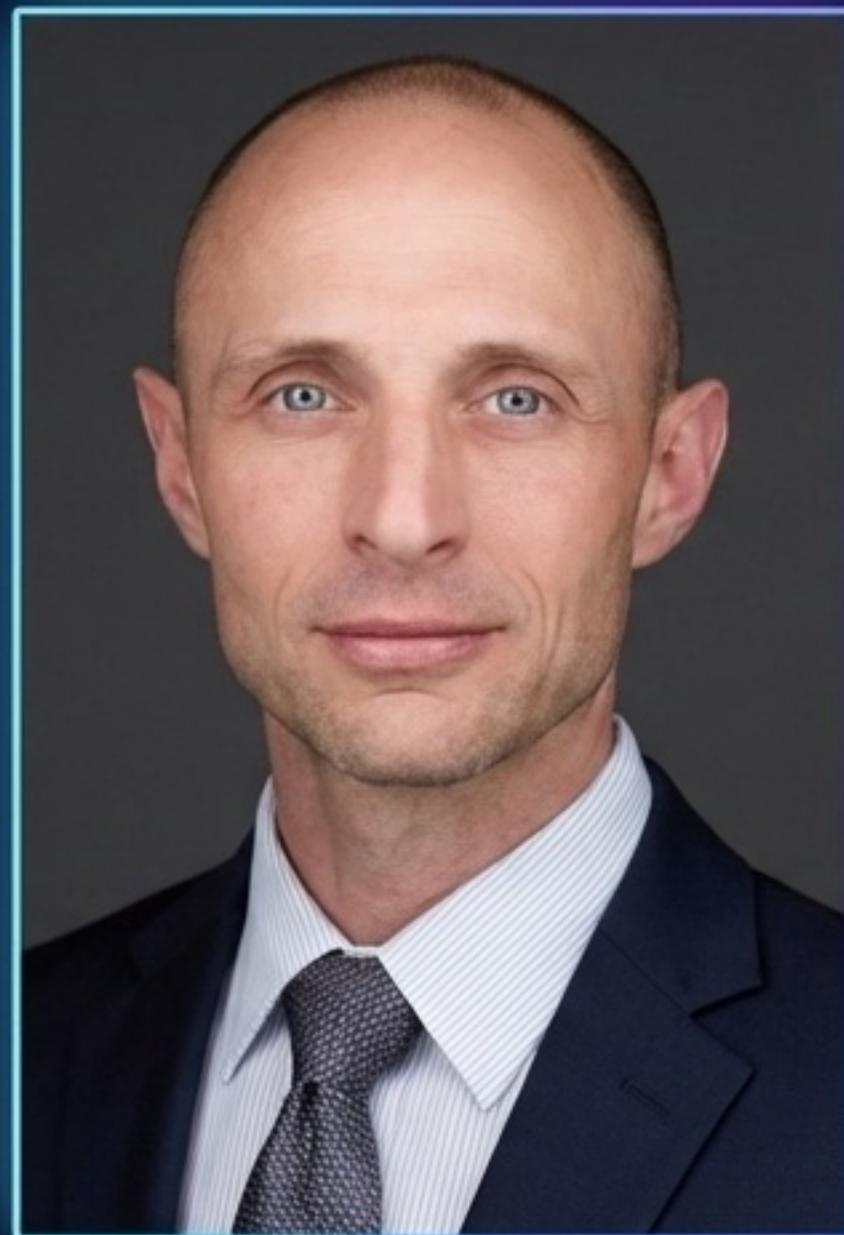
- **Mathematical Security:** 7-Layer Defense Model.  $P(\text{breach}) \leq 10^{-21}$ .
- **Regulatory:** Built for NIST AI RMF & upcoming FDA AI guidelines.

**The Advantage:**

While competitors spend millions retrofitting for new AI laws, we are compliant by design.



# MISSION-DRIVEN LEADERSHIP



## Jason Jarmacz:

Founder, Principal Investigator.  
Developer & System Architect of TradeMomentumLLC.com and Neurodivergence.works.

## Hiring Plan (This Round):



**CTO:** Healthcare AI & HIPAA Specialist.

**Clinical Director:** MD/Informatics.

**Security Officer:** CISSP/NIST Expert.

**Advisory Board:** Assembling leaders in Health Equity, AI Ethics, and VC.

# JOIN THE TRANSFORMATION

- **Raise:** \$3.5M Convertible Note  
6% Interest, 20% Discount, \$15M Cap.
- **Use of Funds:**  
71% Personnel | 13% Contingency | 16% Ops/Compliance.
- **Why Now?**  
Federated Learning is production-ready.  
Regulatory paths are clearing.  
The market window is open for 18-24 months.

Contact: Jason Jarmacz | (917) 566-8112

