

INTEGRATED HEALTH EMPOWERMENT PROGRAM

Transforming Aftercare. Accelerating Cures.



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

The Lead: Jason Jarmacz, Founder & Principal Investigator

In 2024, 15,000 Americans died from HIV-related causes. Not because we lack medicine, but because 40% patients from diagnosis within 6 months to diagnosis. IHEP esissap—and use the data from that closure to engineer the cures of tomorrow.

A SYSTEM FAILURE, NOT A CLINICAL ONE

The Leak: 40% Patient Dropout post-diagnosis.

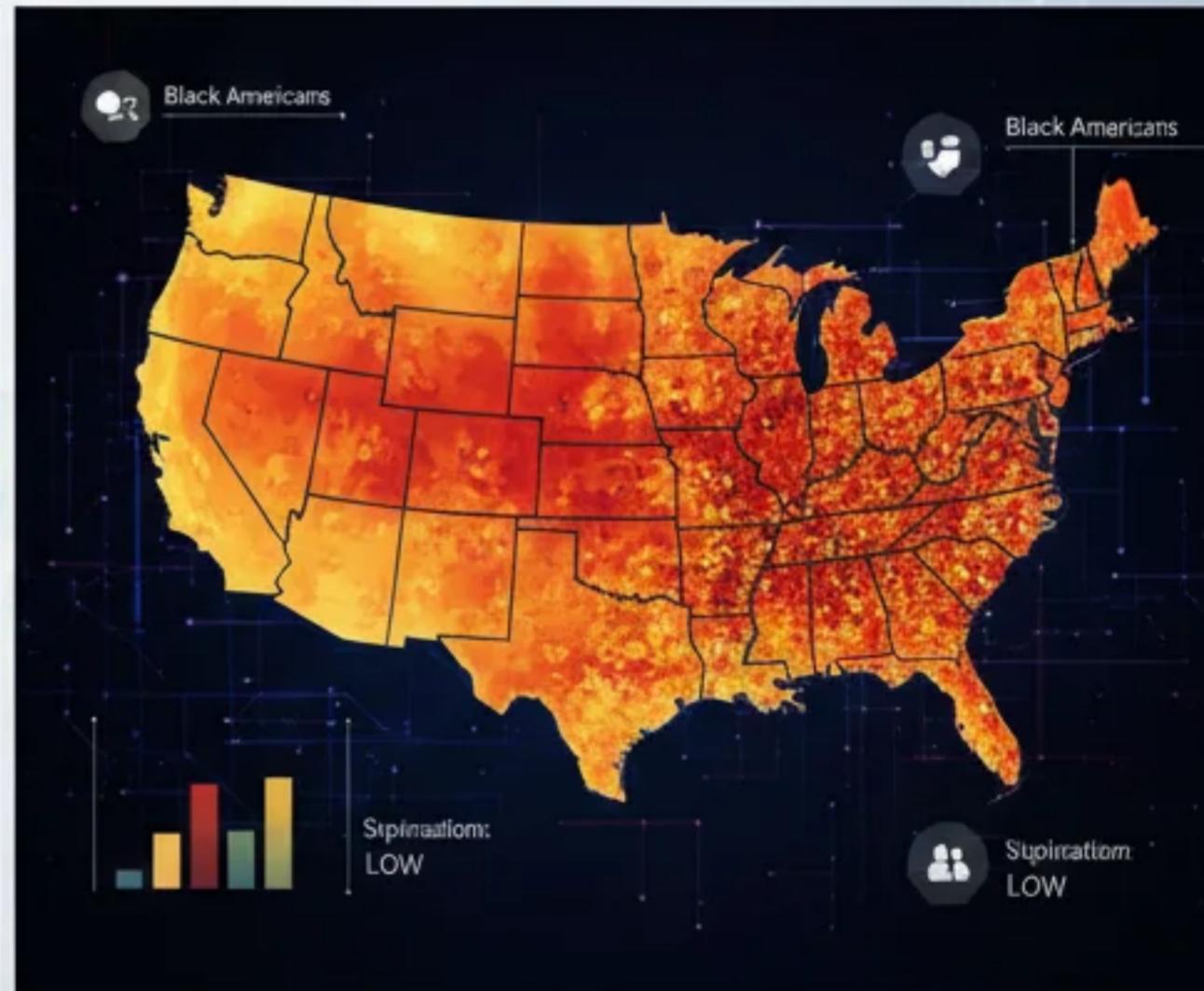
The Cost: \$290B Annual Loss to the US Healthcare system (non-adherence).

The Disparity:

Black Americans: 41% of diagnoses vs. 13% of population.

Viral Suppression: Lowest in communities with highest burden.

Mathematical Impact:

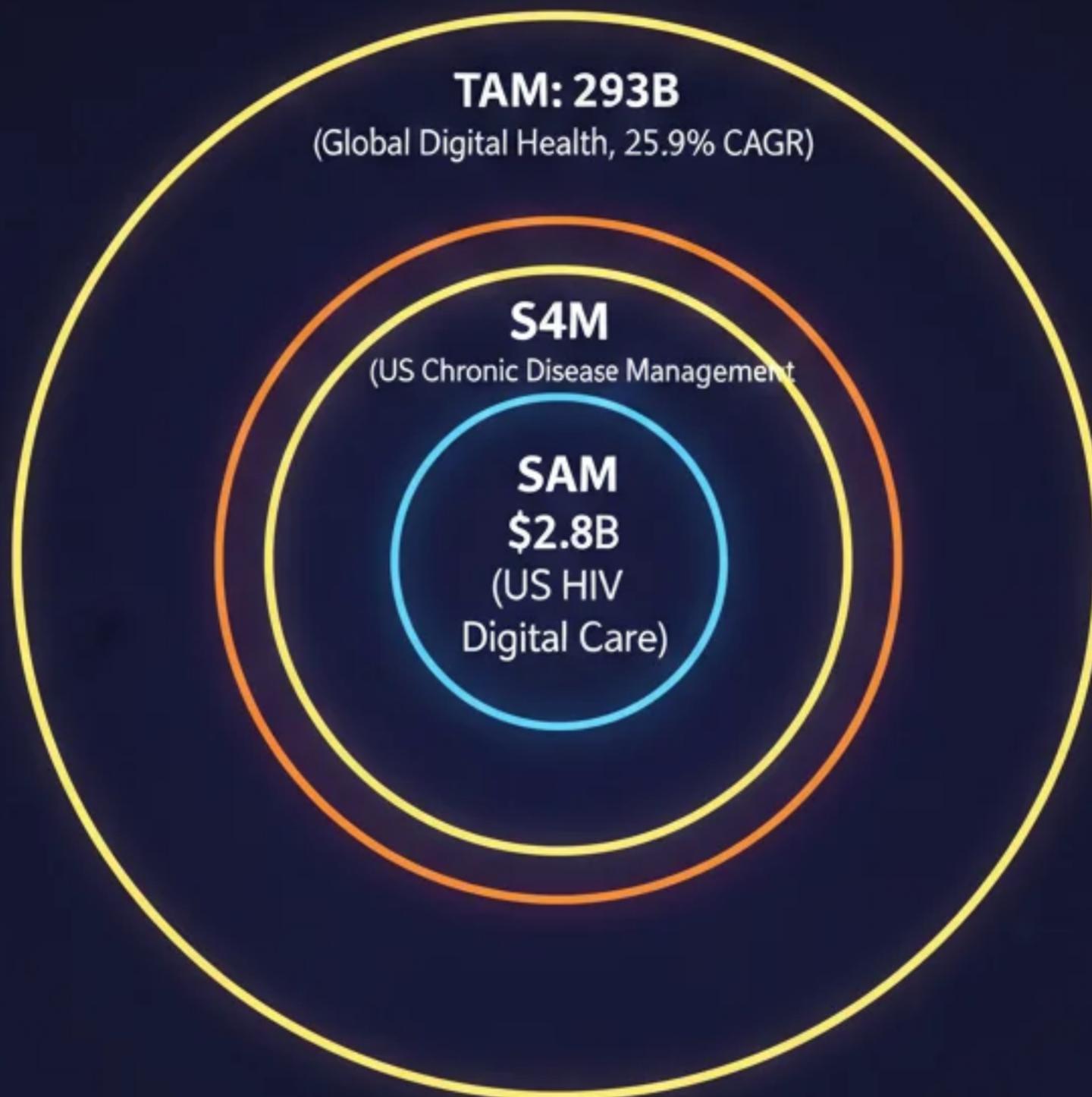


$$\Delta M = (P_{\text{dropout}} \times C_{\text{lifetime}}) \times N_{\text{annual}}$$

\$6.4 Billion (HIV Alone)

We have world-class diagnostics and drugs. We fail at ~~if~~. Every dropout costs \$420,000 + \$420,000 in lifetime care. This isn't just ~~it's~~ it's just economic drain; it's moral failure that disproportionately serves ~~served~~ communities. We are losing \$6.4 billion to a solvable logistics problem.

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

We start with HIV because the pain point is acute, federal funding is massive, and the community is organized. But the architecture —Digital Twins to build HIV market management— applies to all chronic care.



MORPHOGENETIC DIGITAL HEALTH ECOSYSTEM

Layer 1: Patient Digital Twin

Real-time predictive modeling (Clinical + Psychosocial + (2-month preadaptation)).



Patient Twin

Layer 2: Organizational Twin

75% Accuracy in diagnoses (2-month (25% efficiency gain)).

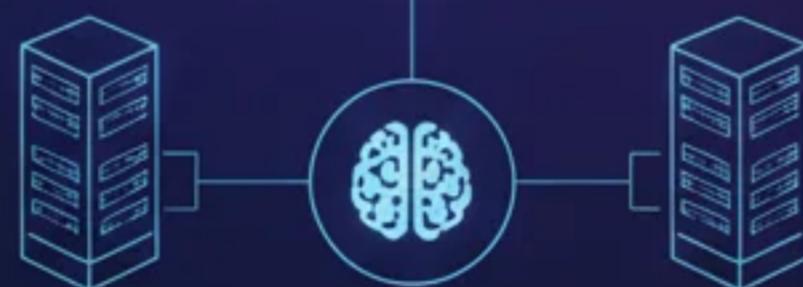
Layer 2: Organizational Twin

Maps ecosystem to identify resource gaps (25% efficiency gain).



Organizational Twin

Layer 3: Federated AI Network



Federated AI Network

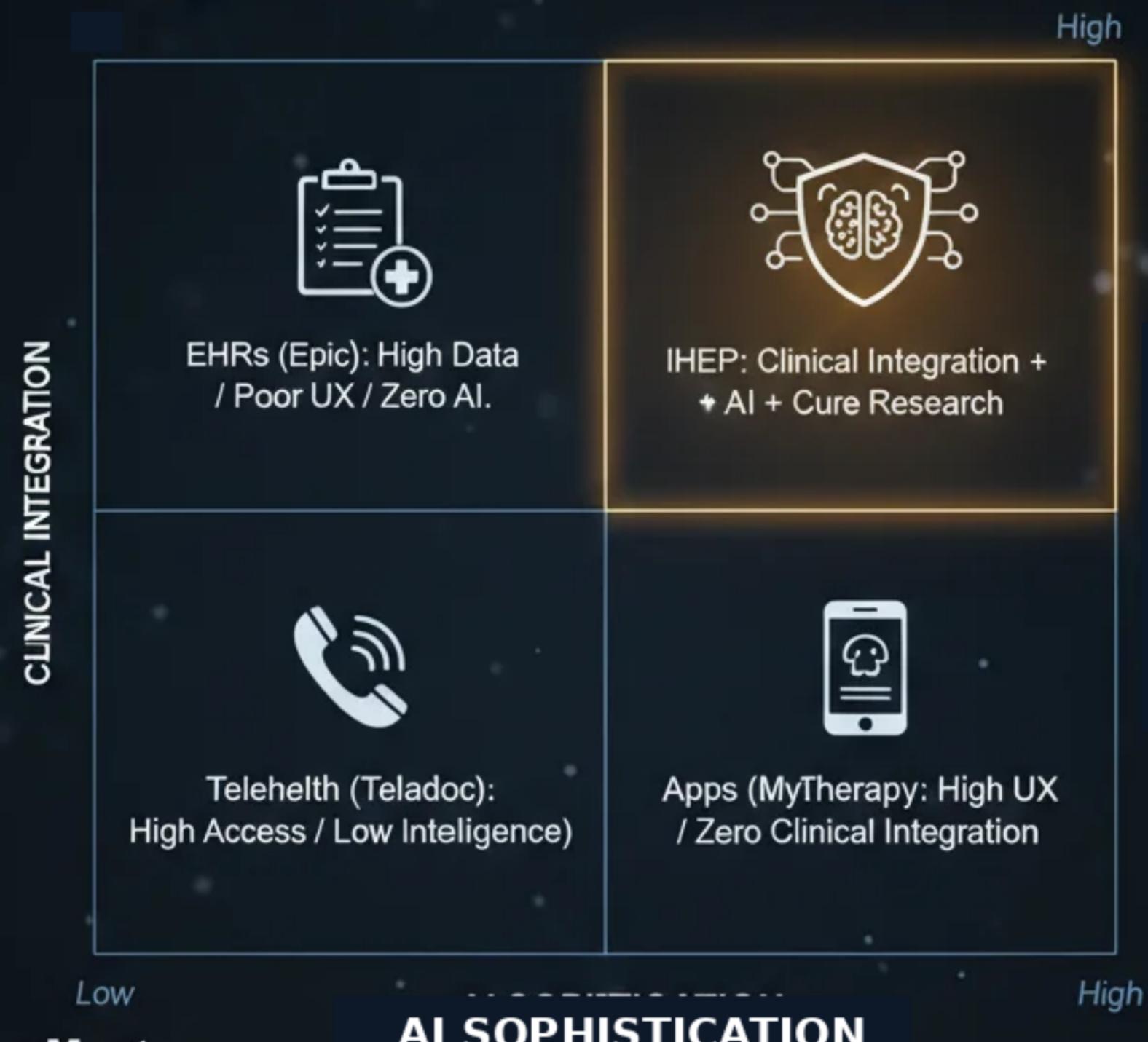
Zero PHI Exposure

Tech Stack:

Nextjs 14
Python Microservices
TensorFlow Federated
Google Cloud Healthcare API

This isn't just a notification app. It's a mathematically grounded ecosystem. Our Digital Twin patient is going to they miss events appointment. Our Federated AI learns care. Our crew a single records without leaving hospital's secure server.

THE ONLY INTEGRATED PLAYER



The Moat:

AI SOPHISTICATION

- ✓ Compliance-First Architecture (2-year head start on FDA AI regs)
 - ✓ Federated Learning (Privacy + Power)
 - ✓ Google Cloud Partnership (Enterprise Validation)

Competitors have pieces of the puzzle. Telehelth offers access but no brains. EHRs have We are ier dloire the only platform closes the loop—integrating clinical reality with predictive predictive AI to drive outcomes.

HIGH MARGINS, HIGH IMPACT

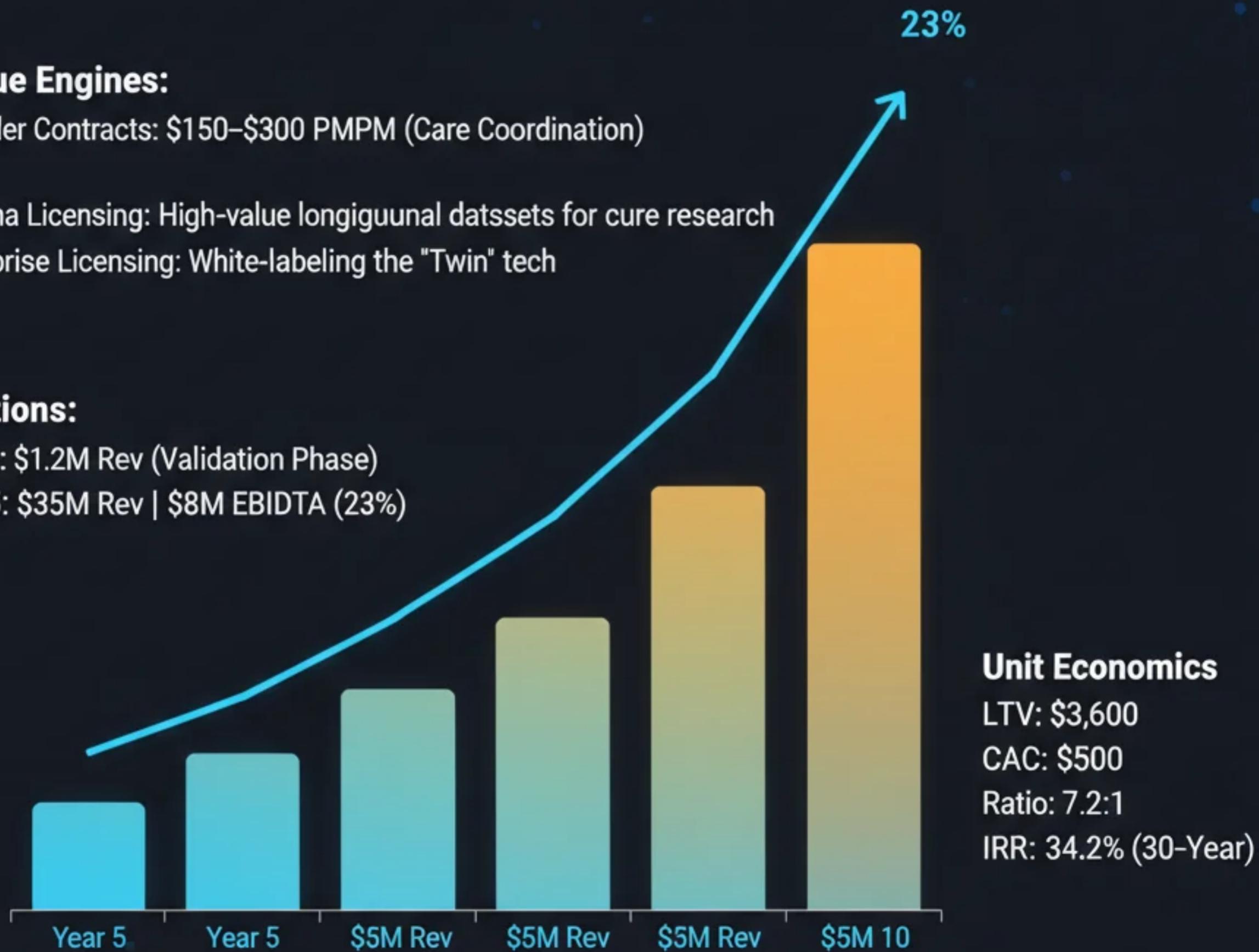
INTEGRATED HEALTH EMPOWERMENT PROGRAM (IHEP)

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 5: \$35M Rev | \$8M EBITDA (23%)



We have a SaaS-like LTV to CAC ratio of 7.2 to 1. We reach operational break-even in year 8, but our capital efficiency is driven by non-dilutive federal grants that cover 30% of our burn. The 34% IRR makes this a financial outlier in digital health.

BEYOND CARE: THE ROADMAP TO CURE

THE "SECRET SAUCE" (CURE ACCELERATION)



Upside Optionality

- Elite Controller Analysis: AI-driven analysis of immune mechanisms.
- **In-Siclo Trials:** Simulating suppress who CRISPP-Cas69 protocols on Digital Twins

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

This is the slide that isn't in the spreadsheet. While we manage care, our AI is hunting for the 'Elite 'Elite Controller'—the biological patterns who patients naturally fnaturally. We aren't just a care company are a engine for the next generation of therapeutics.

TRACTION & MILESTONES

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

We are not exploring a hypothesis; we are executing roadmap. We have the architecture, the Googl partnership, and pilot sites in Miami selected. Your capital turns the key on deployment.

