




Rubix Life Sciences Digitally connecting patients, especially minorities, to clin...





**RUBIX**  
LIFE SCIENCES

Patient Innovation First. Always.

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**Funded!**  
**\$1,250,000**



Fundraise Status	Closed
Goal Amount	\$1,000,000
Amount Raised	\$1,250,000

PROFILE

BUSINESS PLAN

UPDATES 2

## RUBIX LS: FAST FACTS

Rubix LS is a companion research and development organization designing digital health tools. We help the global population access digital health tools at scale for faster access to clinical therapies. Our flagship product, Starsense® is already serving clients.



### RUBIX LS: FAST FACTS

- INEQUITY IN MEDICAL RESEA...
- BRIDGING THE EQUITY GAP I...
- OUR PIPELINE OF PROJECTS
- TRACTION & ACCOMPLISHMENT...
- MEET THE TEAM

**KEY HIGHLIGHTS:**

- ✓ Helping people, including minorities, access clinical trials and the care they need
- ✓ We use AI, machine learning and quantum interfacing to deploy the education and recruitment methods for hospitals and clinics
- ✓ Driven to achieve patient equity
- ✓ Creating the depth of care, education, access, etc. to make sure everyone has what they need to lead healthy lives
- ✓ Providing the epigenetic information to ensure care is built for people instead of profits
- ✓ Giving access to information to build and change medicine in an efficient and timely manner

**INDUSTRY**

Health Care, Biotechnology

**MARKET SIZE**

\$281 billion

**TARGET CUSTOMER**

hospitals, pharma, biotech, medical device companies, clinics

## INEQUITY IN MEDICAL RESEARCH AND DIGITAL HEALTH



Challenges in recruiting minority patients to clinical trials has limited medical research.

Medical research on minorities has a dubious history, and many feel their doctors withhold information.

As much as 80% of underrepresented patients are unaware of options to be included within a clinical trial geared toward a specific therapeutic indication.

## BRIDGING THE EQUITY GAP IN MEDICINE



Our mission is to ensure that therapeutics and vaccines developed within the life science industry factor in **every patient ethnicity and demographics** to bolster product efficacy, health equity, and effective patient outcomes.

We're helping our partners design early-stage research and development that encompasses diverse data sets to drive therapeutic innovation.

StarSense, our lead virtual clinical trial platform, is a wholly engaged environment to specifically model patient sociology, genetics & epidemiological surveillance to enhance patient depth and engagement and recruitment.



We're solving access to digital health and clinical trials as treatment options for minorities and the greater population by providing:

- Direct clinical trial recruitment and onboarding virtually
- First-hand access to clinical trials virtually
- Educative and heuristic/gamification modules to provide immersive clinical trial history as well as specific transparency on therapeutic indication targeted
- Customized patient prognosis and monitoring analytics for individual patient outcomes, while conducting proactive clinical trial success projections



## OUR PIPELINE OF PROJECTS



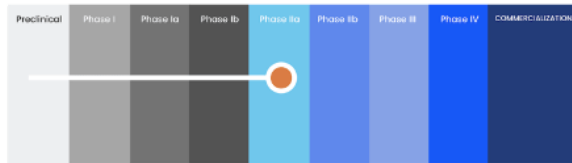
Rubix LS offers a range of technology-based services to be deployed by our partners.

We work with doctors, scientists and consultants to ensure patients get the highest level of care. And we provide education so clients can get a clearer sense of what they need for their health and how to get it.

**Project Hercules:** Rare & orphan disease R&D

### PROJECT HERCULES

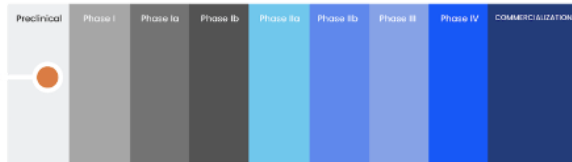
REGENERATIVE HIP TREATMENT



**Project Icarus:** Setting the stage on how to attack malformations of the brain that leads up to cancerous development of tumors that are diagnosed DIPG grade IV

### PROJECT ICARUS

TREATMENT OF PEDIATRIC DIPG  
*Diffuse Intrinsic Pontine Glioma*



**Project Kronos:** Amassing health data information to map predictive analytics and using artificial intelligence to map deeper disease intelligence gaps

**StarSense:** Suite of digital health tools that produce virtual clinical trials to engage minorities and populations globally

## TRACTION & ACCOMPLISHMENTS



**4**

companies actively using our platform

**25,000**

patients to date

Completed phase one and two clinical trials

Wide database of users from partnerships with federal agencies that allow us to work with hospital groups to have patients "opt-in" to our services

### PARTNERSHIPS

#### Federal



#### Commercial



## MEET THE TEAM



**Reginald Swift, Ph.D,** CEO, is a kinesthetic entrepreneur with 16 years of mechanical engineering experience from research, academic and



industry based perspectives. His range of experiences stems from aerospace & defense, robotics, nuclear technologies, biotechnology/life-sciences, and astronautics. Including his work in industry, he has a strong quality transformation and technological development experience that has been implemented in countless organizations from start-up to Fortune 100 organizations.



**Americo Diaz, Chief Engineer**, has been lead engineer on many initiatives, ranging from Draper Labs, the United Nations (Tropical Disease Initiatives), Robotic enabled therapeutics from Academia at WPI (Worcester Polytech) to startups.



**Tara Cassineau, Chief Scientist/Researcher**, was lead investigator for pharmaceutical development approvals in Canada Medicines Authority (CMDCAS). She worked for European conglomerates, including Mallinckrodt, Merck KGaA, The Fisher Initiative and more on high-tech pharmaceutical research.

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