



Vivid Vision leverages new consumer VR platforms and the science of neuroplasticity to measure and treat a broad array of diseases of vision, both in the clinic and at home.



Our company was founded
after our CEO treated his
own lazy eye.

Before using the system

20/70 in weak eye

No depth perception

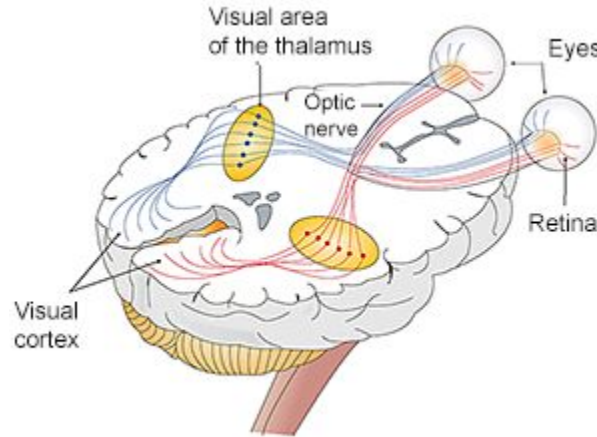
After using the system

20/25 in weak eye

Able to see in 3D

Lazy Eye is a Perceptual Problem

We take advantage of the brain's neuroplasticity to teach it how to use both eyes together.



We train the brain, not the eyes.

Most Effective Product on the Market



Standard Treatments

Patching/Atropine/Surgery

- Expensive
- Hundreds of hours
- Low compliance
- <50% success rate with children
- Ineffective in adults

Vivid Vision

Immersive VR Gaming

- Affordable
- 10-40 hours
- Good compliance
- >60% success rate in children*
- ~60% success rate in adults*

We increase the signal going to the weak eye & customize our games based on measurements of the patient's vision.



Worldwide Press Coverage



Over 1,200 Patients Treated



Chris S.

31 years old

“Until I had used Vivid Vision, I had never seen in three dimensions. **After 11 failed driving tests over 15 years, I finally passed!** Thanks to your amazing software, I feel like a normal person and not a disabled one anymore.”



Dillon T.

38 years old

“When I first saw 3D I was having this visceral emotional reaction... **Now I can sense the space** all the way down the block.”



Tom V.

44 years old

“I see in 3D in now. Mono to stereo vision is like looking *at* the world versus being *in* the world. **The sense of space is beautiful.**”

Virtual reality headsets like the Oculus Rift, HTC Vive, and Samsung Gear VR give us a **cheap** and **available** hardware platform for accurately controlling the image being sent to each eye.



Endorsements from Key Opinion Leaders



Dr. Paul Harris

Professor of Optometry, Southern College of Optometry

"Vivid Vision is providing optometry with tools I imagined long ago, which will help us change more lives, more profoundly and more efficiently than ever before!"



Dr. Nathan Bonilla-Warford

Bright Eyes Optometry, OD, FAAO, FCOVD

"I believe Vivid Vision is the future of amblyopia treatment."

Research Collaborations



Dr. Marc Levin
Neuro-ophthalmology



Dr. Dennis Levi
Vision Science & Optometry



Dr. Marty Banks
Visual Perception



Dr. Daphné Bavelier
Cognitive Neuroscience



Dr. Ben Backus
Vision Science & Optometry

Our Team

James Blaha

CEO, Founder



Serial Entrepreneur

Manish Gupta

CTO, Founder



Formerly at IBM

Tuan Tran, OD

Chief Optometrist



Formerly at Heritage
Optical, PCO clinical
professor

Dr. Ben Backus

Science Advisor



Runs the SUNY Binocular
Vision and Perceptual
Learning Lab



John Drake

Lead Game Designer
Formerly at Telltale
Games, LucasArts



Jordan Braunstein

Customer Success
Formerly at
ContractRoom



Cris Miranda

Social Media Marketing
EnterVR