



## Preventing Blindness with AI-Powered Telemedicine

### Executive Team

#### Zack Dvey-Aharon, PhD, CEO, Co-Founder

Serial entrepreneur, advisor & lecturer  
PhD. in Machine Learning, 8200 alumni

#### Danny Margalit, COO, Co-Founder

Co-Founder Aladdin (NASDAQ IPO)  
Product, patents & IP Expert

#### Izick Itzhakov, VP Business Development

Over 20 years in Healthcare IT at CLEW & iMDSOFT,  
8200 alumni

#### Amit Wohl, VP Product

Seasoned technology executive  
MSc, MBA MIT, BSc Technion

### Board Members

#### Yiannis Monovoukas, Ph.D.

Helios Global Investments, Falcon Ventures  
CEO of TEI Biosciences, Acquired for \$312M

#### Sean Ianchulev, MD, MPH

Serial Investor, CEO at Eyenovia  
Professor of Ophthalmology at UCSF & Mount Sinai

#### Steve Remondi

Serial Investor, CEO at Xsphaera, Board of advisors  
at Tufts, Partner at R-Cubed

#### Mike Netz

Serial Angel Investor  
Former CEO Teva Israel

### Medical Advisory Board

- Sean Ianchulev, MD, MPH, Ophthalmologist
- Austin Bach, DO, MPH, Ophthalmologist
- Edward Rubinchik, MD, Ophthalmologist
- Sam Goldberger, MD, MBA, Ophthalmologist
- Elaine Sachter, MD, Internal Medicine
- Eli Kraus, MD, Ophthalmologist
- Ehud Rechtman, MD, Ophthalmologist
- Tzvi Gottesman, OD, Optometrist

### Financials

- Raised \$3M to date
- Boston & NY based investment groups
- US & IL angels
- \$800K BIRD grant recipient

### The Need

Retinal diseases such as diabetic retinopathy, glaucoma & macular degeneration cause blindness if not treated in time. Over **1 billion** people (75M in the US) are at high risk and require an annual retinal check. Unfortunately, 75% are not screened due to high cost and lack of access.

### The Solution: Handheld Camera + AI

With AEYE Health's algorithms, retinal screening can now be done at primary care and endocrinology clinics, pharmacies, elderly care centers and also at work.



### Go to Market

- Bundles sold as monthly subscription in collaboration with a leading camera manufacturer. **TAM: \$3.6B**
- License agreements to camera manufacturers, pharma companies and telemedicine providers
- Health System Enterprise Solution (HES) to support complex environment integration

\$ New AI code 92229 for diagnostic screening

### Collaborations & Traction

- Optomed** - Strategic partnership with a leading camera manufacturer
- Roche Diabetic Care** - Collaboration & US deployment
- UMass Memorial Hospital** - Received a BIRD grant to co-develop HES
- Academic Centers of Excellence** - Collaborations with Mount Sinai NY, Lahey Clinic in MA



### Technology

- Over 95% Accuracy** - Market leading results across devices and indications
- FDA Clearance for Autonomous AI** - In clinical trials, expecting clearance by EOY 2020
- Handheld Prowess** - Exceptional results using portable retinal cameras
- Smartphone Cameras** - Promising initial results

### Competition & Competitive Advantage

While EYENUK, IDx (Digital Diagnostics), Google, AIRDOC, IBM are active in this field, they are far from having an FDA-cleared, camera agnostic, handheld compatible and highly accurate broad screening solution. AEYE-DS will be the first such product.

