AEYE Health

Preventing Blindness with AI-Powered Telemedicine

Zack Dvey-Aharon, Ph.D.
CEO, January 2021

Non-Confidential

Artificial Intelligence to Democratize Diagnostic Screening

AEYE Health

The Problem

AEYE Health

US High-Risk Population

Diabetic Retinopathy

35M people with diabetes
84M prediabetics

&

Glaucoma & AMD

55M people at age 65+

More than 75% are not screened

due to high cost and lack of access

As recommended by:

CDC

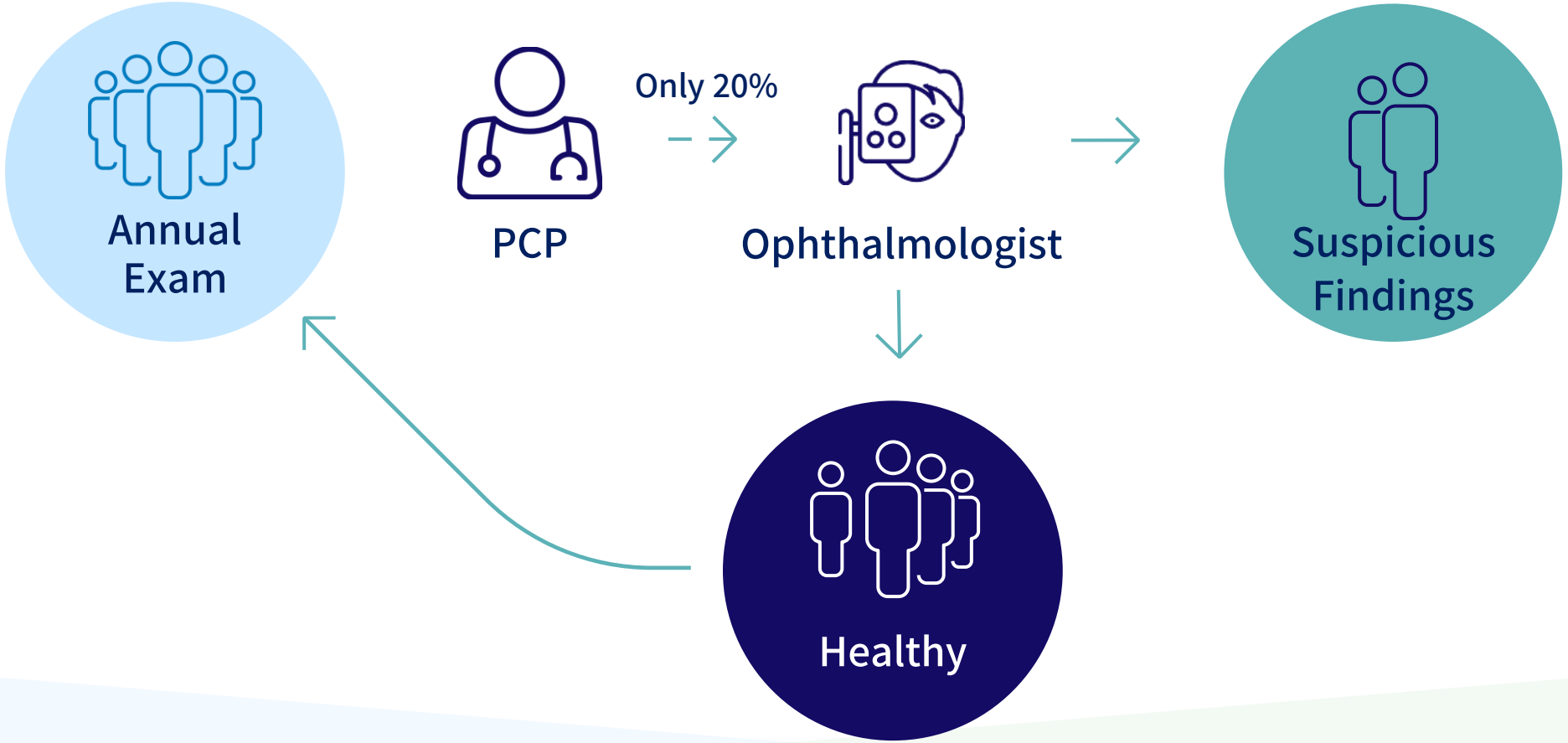
American Diabetes Association.

AMERICAN ACADEMY™ OF OPHTHALMOLOGY

BrightFocus™ Foundation

Current Standard of Care is Inefficient

80% of patients requiring referral remain undiagnosed



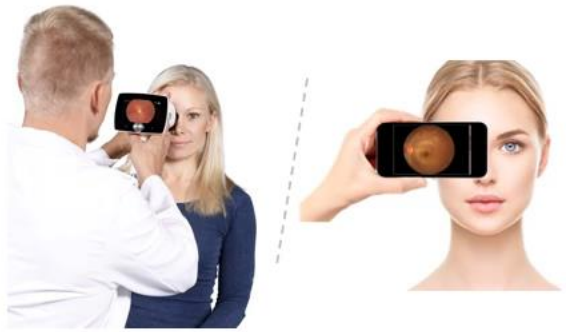
AEYE Health's Solution

Screening & diagnosing 100% of patients using new AI CPT code

Accurate, Affordable & Usable

Performed in 3 easy steps

Step 1



Take a retinal image
using a portable camera

Step 2

AI analysis engine

Step 3

Report within a minute

Leadership

Multidisciplinary team of leading AI computer scientists, ophthalmologists & healthcare executives

Executive

Zack Dvey-Aharon, Ph.D.
CEO, CO-Founder
- Serial entrepreneur, advisor, lecturer
- PhD. in Machine Learning, 8200

Danny Margalit
COO, Co-Founder
- Co-Founder Aladdin (NASDAQ IPO)
- Product & IP Expert

Izik Itzhakov
VP Business Development
- Over 20 years in Healthcare IT
- CLEW, iMDsoft, 8200

Amit Wohl
VP Clinical Trials
- Seasoned technology executive
- MSc, MBA MIT, BSc Technion

Board

Yiannis Monovoukas, Ph.D.
- Helios Global, 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

Stephen Remondi
- Serial Investor, CEO at Xsphera
- Board of advisors at Tufts, Partner at R-Cubed

Mike Netz
- Serial Angel Investor
- Former CEO Teva Israel

Medical

Sean Ianchulev, MD, MPH
Chairman, Medical Advisory Board

Austin Bach, DO, MPH
Medical Director, Ophthalmologist, CEO at Abita

Edward Rubinchik, MD
Ophthalmologist, Founder at Smart Eye Care

Sam Goldberger, MD, MBA
Ophthalmologist, CEO Rangol Partners

Elaine Sachter, MD
Internal Medicine, Virgina Mason

Eli Kraus, MD
Ophthalmologist, retina specialist

Ehud Rechtman, MD
Ophthalmologist, Sheba Medical Center

Tzvi Gottesman, OD
Optometrist, Wesley Eye Care

2021 Go to Market

The first AI CPT code for autonomous diagnostic screening: 92229

Bundles

Q1

Handheld camera + AI
Sold as subscription
USA TAM: **$3.6B**

Licenses

Q2

Camera manufacturers
Pharma companies
Telemedicine Providers

HES

Q4

Health System Enterprise
Solution to support complex
environment integrations

$800,000 BIRD grant

Strategic Partners Verticals

AEYE Health

Camera Manufacturers

AI integrated with retinal cameras

Co-marketing a joint product with Optomed

Pharma Companies

Early detection, AI for clinical & regulatory processes

Roche Diabetes Care Installation at 4 locations

Healthcare Providers

Collaboration with leading AMCs

Mount Sinai, Lahey Clinic, UMass

OPTOMED

Beth Israel Lahey Health

Mount Sinai

UMassMemorial Health Care

Roche

FLORIDA-ISRAEL business accelerator

BIRD Israel-U.S. Binational Industrial Research and Development Foundation

Aurora AEYE

The First Handheld Diagnostic Screening Bundle

Bundle
Handheld + AI

In collaboration with:
OPTOMED

Bundling diagnostic AI with a portable camera will make screening affordable and accessible

Thank You!

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