

The STIX:

**Stationary
Trained
Intelligent eye
eXams**

An Innovative AI Retinal Scanner for
Sustainable Economies.

Fast, safe, & free for Canadians.



Every **12 minutes**,
a Canadian will
develop **vision loss**.

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Nearly **1 in 5** Canadians
suffer from vision loss
or have an eye disease than can cause vision loss.



Vision Loss is Debilitating for Canadians and our **Economy**.



#1 Disease

Vision loss has the **highest** direct health care **costs** in Canada.



\$30.3 Billion

estimated **financial expenditure per year** by 2032 in Canada alone.



\$4.4 Billion

lost in 2007 to **lost productivity** due to vision loss in Canada.

Challenge:

Lack of Eye Exams



Symptoms Appear When it's Too Late

as a number of eye diseases have **irreversible** vision loss.



Only 54% of Patients Visit an Eye Care Professional

even when they experience symptoms of an eye disease.



Expensive & Time Consuming

with up to \$250 + 1 hour per eye exam.



Opportunity:

75% of Vision Loss is Preventable



Smarter: Faster Screening with AI

with **Azure ML** tools, providing extremely high accuracy without eye care professionals.



Feasible: New Camera Design Can Scan Retinas

for common degenerative eye diseases.



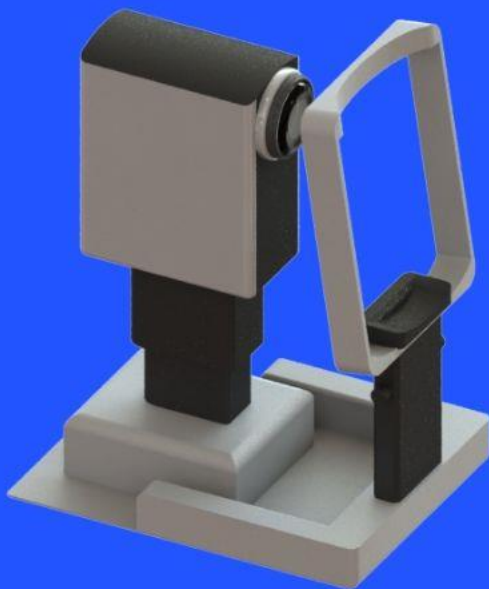
Impact: Large Need for Glaucoma Screening

one of the leading eye diseases worldwide.

Solution:

AI Retinal Scanners

by STIX Medical



Powered by AI.

Screens for Glaucoma within seconds with [Azure ML](#).



100% User-Friendly.

Convenient & accessible. No more appointments.



No Cost to Users.

Canadians can save up to \$10,000 for eye exams in their lifetime.



Preventing Vision Loss.

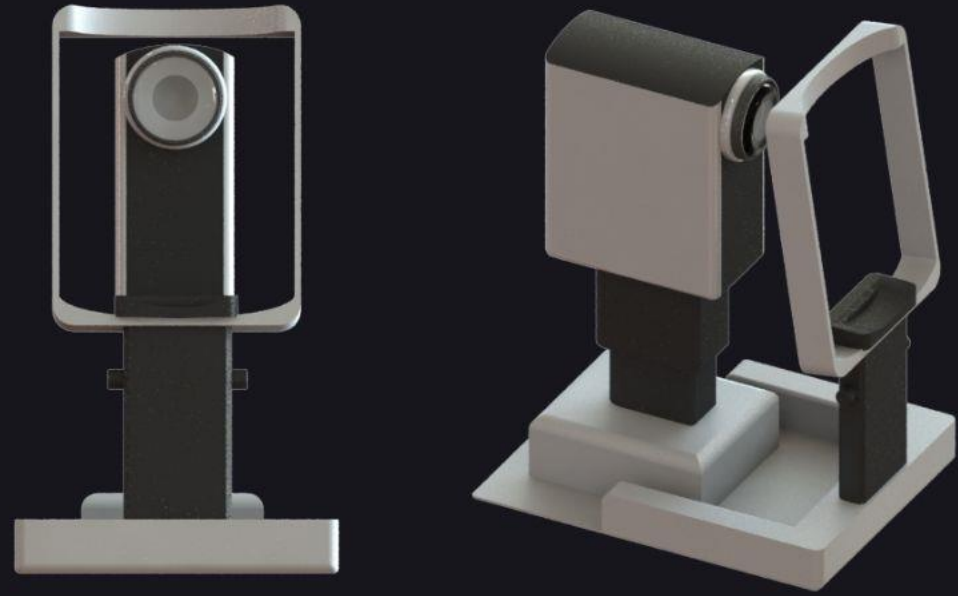
Saving billions via preventative healthcare.

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Key features of our AI



99.7% Accuracy.

Reliable Prognosis.



**Convolutional
Neural Network.**

No Human Supervision Required.

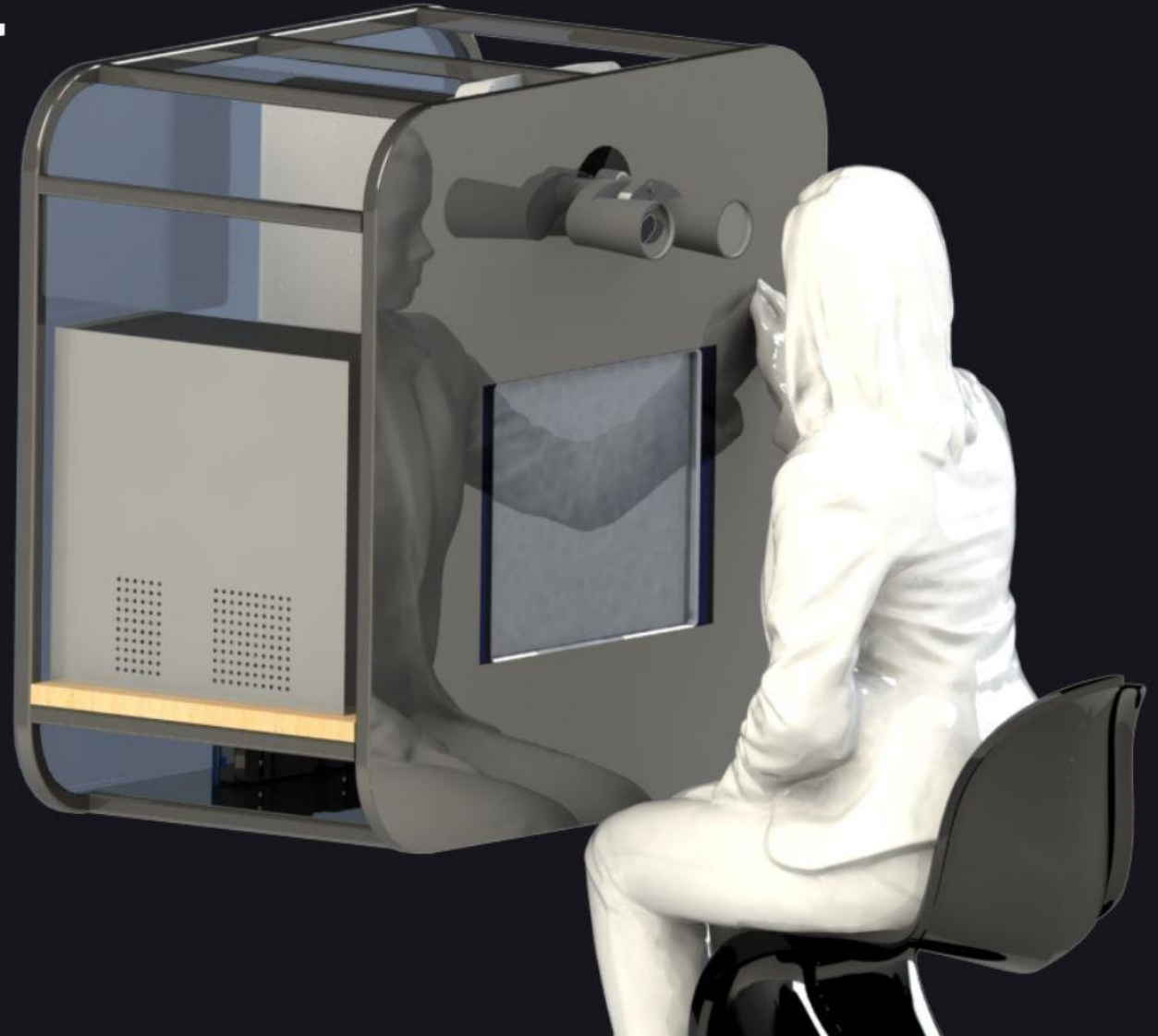


Azure Web Services.

Deployed on Azure's ML Server.

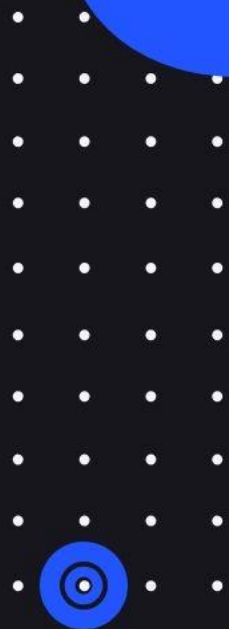
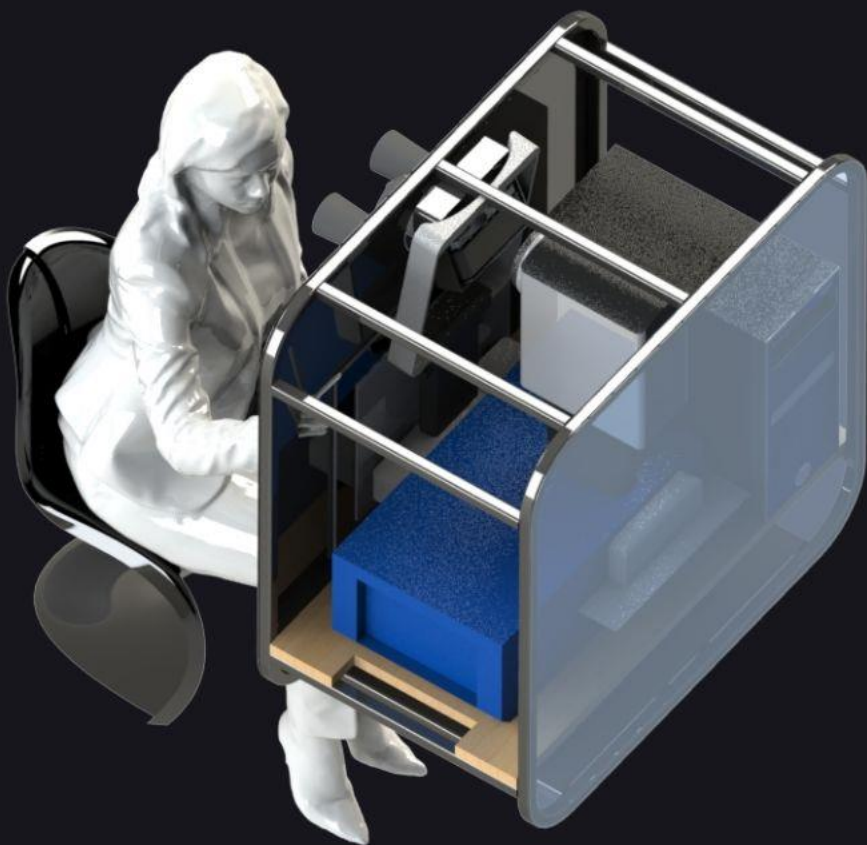
Live Demo:

Proof of Concept



Live Demo:

Proof of Concept



Team:

STIX Medical



MACHINE LEARNING &
BACK-END



FRONT-END DEV &
INTUITIVE CAD DESIGN



OPTICAL & FINANCIAL
ANALYSIS



PROJECT MANAGEMENT
& UI/UX



Market Fit

Our target market is Hospitals, Clinics, Pharmacies, and Ministries of Health.



\$ 10.5 Billion

Estimated market size for global Glaucoma therapy by 2026.



\$ 5,000

Total estimated price per unit.



\$ 24 Million

Estimated market size for our device in Canada.

Investment Costs

for a feasible & minimum viable product.



Product Development

\$3,000 per scanning device.



Start-up Consultation

\$10,000 approximately.



Customized Booths

\$500 per unit.



Regulatory Approval

\$4,590 to Health Canada (MDEL).



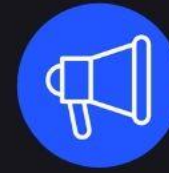
Maintenance

\$100 per unit per year.

Sustainable Revenue

\$ 9 Million per Year

Estimated Ad Revenue



Banner Ads

located on screen.



Video Ads

after the eye is scanned.



Refferals

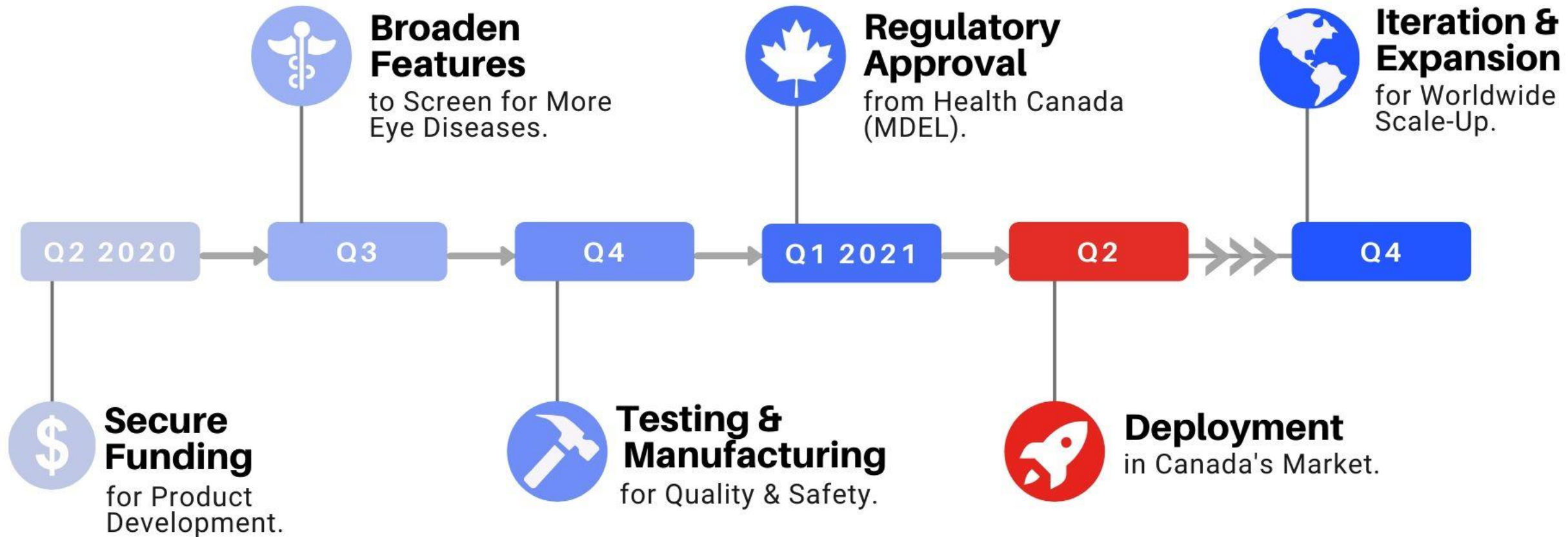
to local Optometrists.



Funders

e.g. investors, crowdsourcing, philanthropists, & Optometrists.

Implementation Plan



Invest in...



Smarter Healthcare.

75% of vision loss can be prevented.



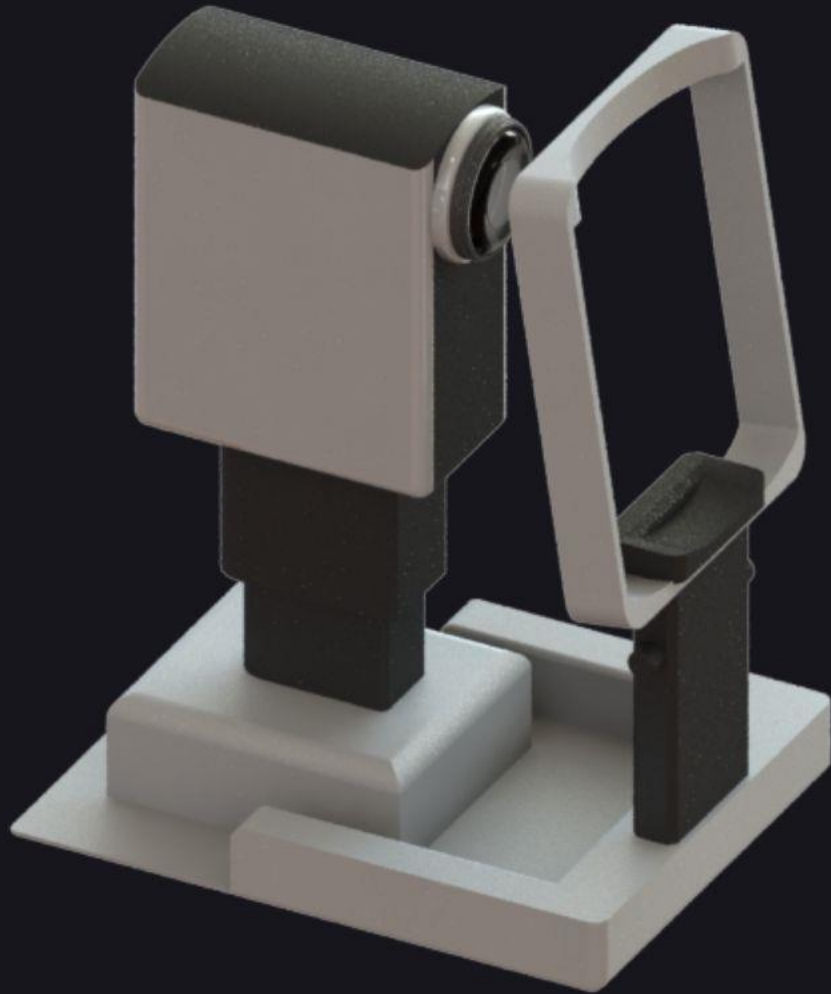
A Healthier Economy.

Billions of dollars can be saved from direct costs & lost productivity.



A Clearer Tomorrow.

With your help, you'll be making real change worldwide.

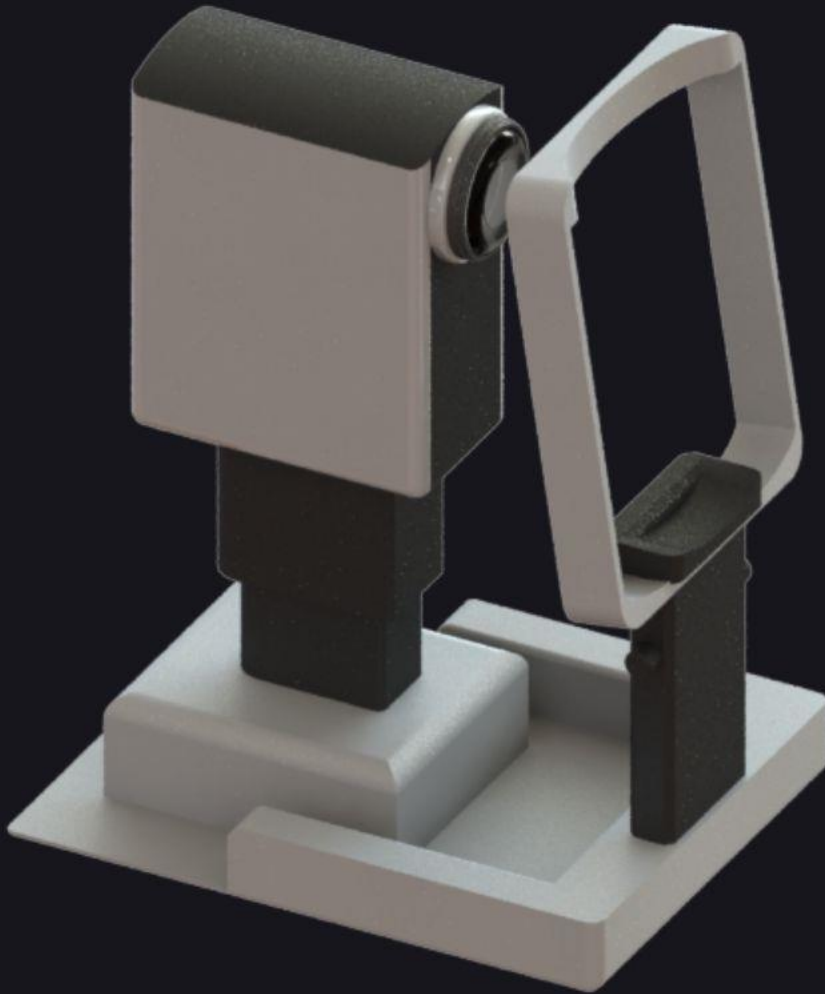


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