

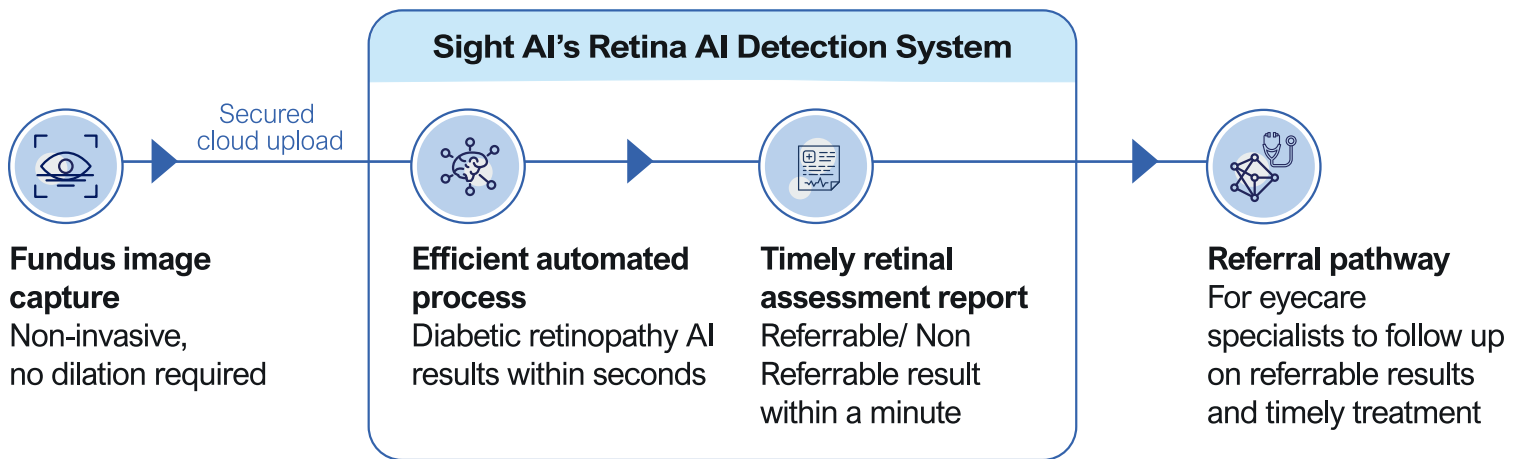
In a focus group<sup>1</sup> conducted by Sight AI in May 2022,

**69%** have little to no awareness about eye screening and its importance.

**100%** knew about eye screening only after they have experienced serious eye issues or have developed age-related diseases.

## SIGHT AI'S RETINA AI DETECTION SYSTEM<sup>2</sup>

Scalable with AI, preliminary reading within a minute.

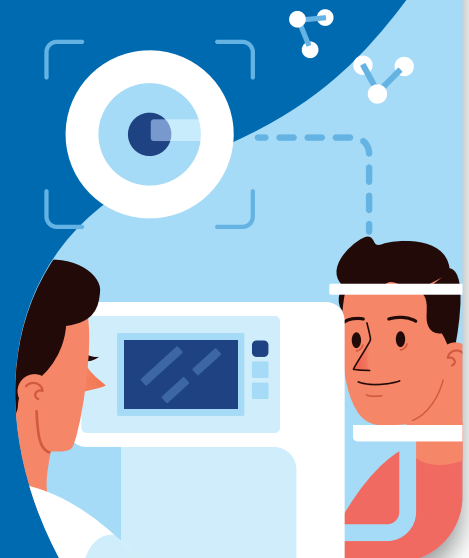


### NOW

- Eye Specialist is required to screen fundus images
- Long wait time for patients to see a specialist; multiple appointments for a medical recommendation
- Retinal assessment takes longer to process
- Dilation may be required
- Patients usually seek out eye specialists when experiencing severe eye symptoms; where 90% vision loss could be prevented<sup>3</sup>.

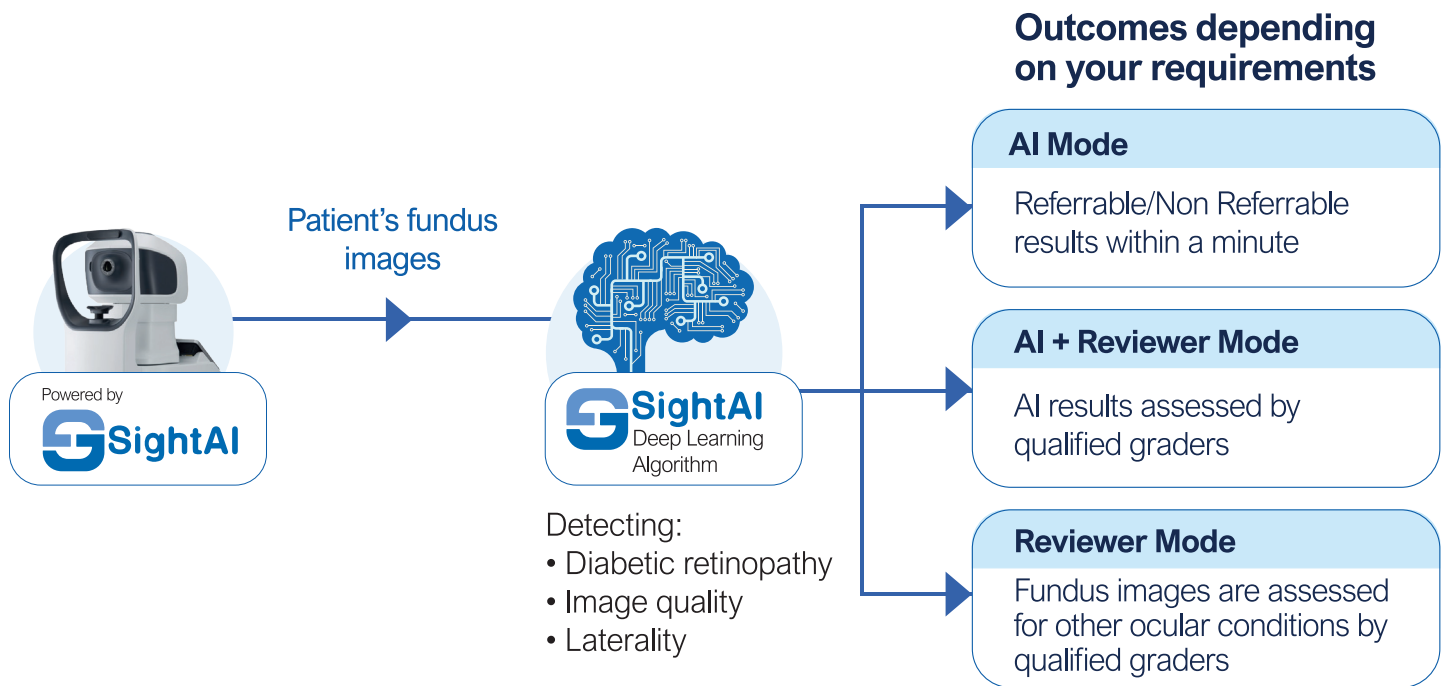
### FUTURE

- Primary Care Networks could use with minimal training
- Patient can access eye screening at the clinic of their choice
- Scalable with AI solution to provide retinal assessment within a minute
- Non-invasive and fast
- Reduce the onset of eye disorders and diseases with timely and regular screening



1. Focus group - A 1-hour 1 to 1 interview was conducted with 25 participants to understand Singapore's general public's understanding of eye diseases, vision care and importance of eye screening.  
 2. Sight AI Technology Pte Ltd management system has been assessed and certified as meeting the requirements of ISO 13485:2016 and ISO EN 13485:2016 for the design and development, production and distribution of AI software used for fundus images analysis for diagnosis and disease management. Sight AI's Retina AI Detection System (RAIDS) is currently available for clinical research. We are undergoing various countries' regulatory registration (i.e. HSA, MDR & FDA).  
 3. UNC Health, UNC Health Talk 2020, How to Spot and Prevent Diabetes-Related Vision Loss. <https://healthtalk.unchealthcare.org/how-to-spot-and-prevent-diabetes-related-vision-loss/>

# DIFFERENT MODES ACCORDING TO YOUR NEEDS



## KEY BENEFITS OF OUR APPROACH

Instantaneous, easy, effective.

### Early detection of diabetic retinopathy

Enable specialists to focus on treatments for early prevention of vision loss

### Revenue growth

Creating new revenue streams by providing eye screening as a value-added service

### Based on deep learning techniques

Trained with a vast amount of diverse fundus images

### Cost effective

Compared with conventional, manual eye-screening

### Improved patient triage

Reduce patient load and allow immediate referral to eyecare specialists

### Improved patient experience

Screening, reporting and referrals in one visit

### Extensible AI algorithm

AI screening for other eye and non-eye related diseases is on the horizon

### Advanced image processing capabilities

High sensitivity and specificity in the detection of referable diabetic retinopathy<sup>4</sup>



4. Sight AI's Retina AI Detection System is only intended to be used for the detection of referable diabetic retinopathy (DR) from non-mydriatic colour fundus photographs. The screening result is not a replacement for a comprehensive exam and experienced clinical judgement. The severity of DR is classified according to ICDR Severity Scale where referable DR is defined as having either moderate non-proliferative diabetic retinopathy or worse.

#### Our Partners



#### Member of



Sight AI Technology Pte Ltd

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