



Automated Self-Testing and AI-powered Referrals for Eye Clinics and Community Screenings

Poh Weijie, PhD
Chief Scientist

weijie.poh@digital-lifeline.com

Manual Visual Acuity Test is **Inefficient**



Requires significant physical space 6m



Accuracy affected by lighting conditions



Requires dedicated trained staff to administer test

Cataract Grading **Subjective**, Requires **Complex Equipment**



STRATEGY



EFFICIENCY

Streamline Clinic Workflow

- Leverage self-guided devices to increase efficiency with less space and manpower



Enhanced Referral Pathways

- Improve referral workflow to allow ophthalmologists to focus on urgent, critical cases



Digital
Life Line

Model: [unreadable]
Serial: [unreadable]
CE

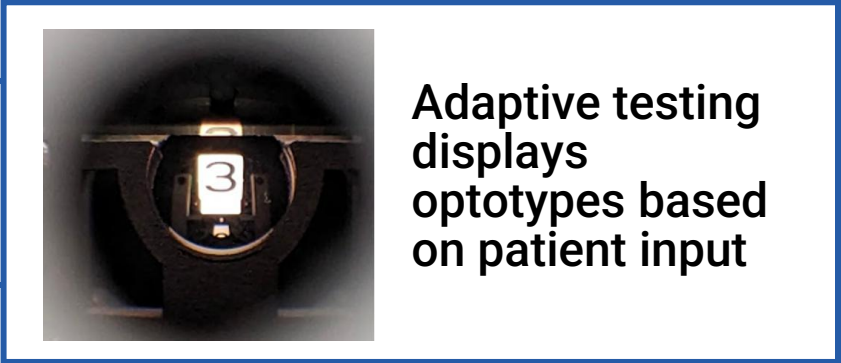
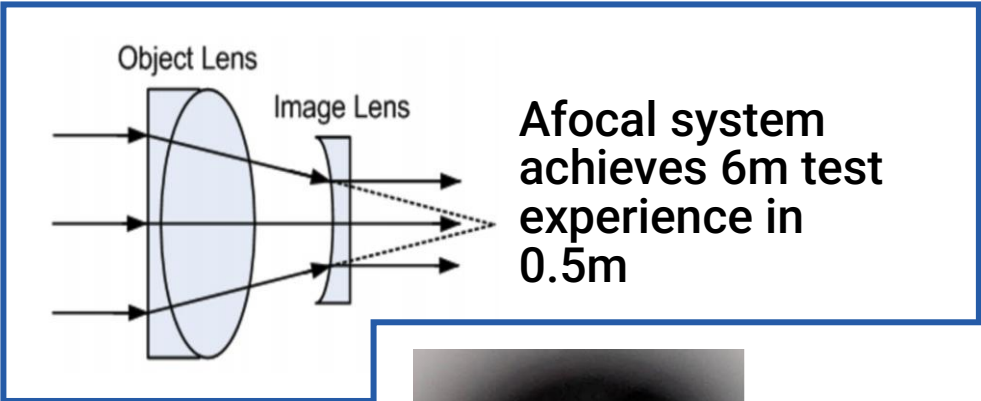
[Screen content: A graphical interface with a large circular element and some text, possibly a login or selection screen.]

[Camera: A black, dome-shaped camera with two red indicator lights.]

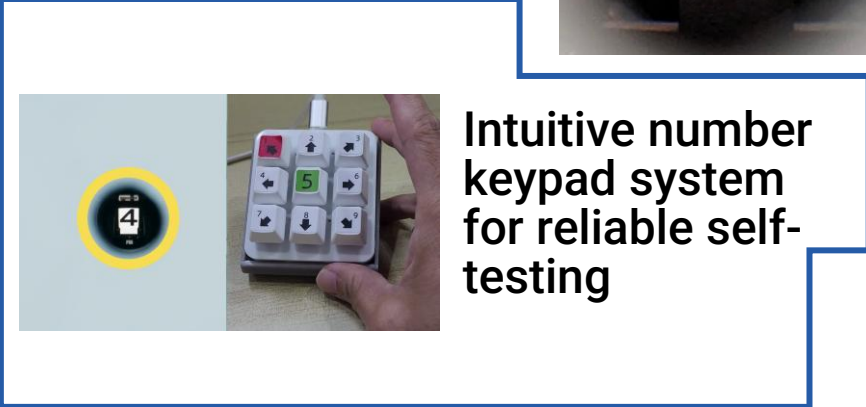
AVAT- Accurate, Automated Vision Testing Done with Minimal Supervision & Space Requirements



Medical Device in
Singapore, Malaysia, Vietnam



Adaptive testing displays optotypes based on patient input



Intuitive number keypad system for reliable self-testing



Pinhole test to determine cause of poor vision

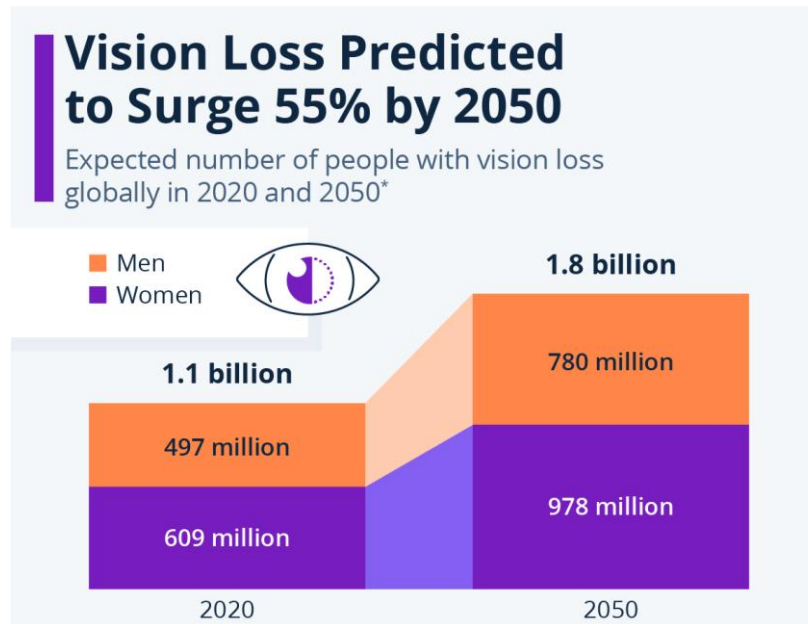
Demand for Eye Healthcare Will Overwhelm

Current Infrastructure...

Rapidly Ageing
Population



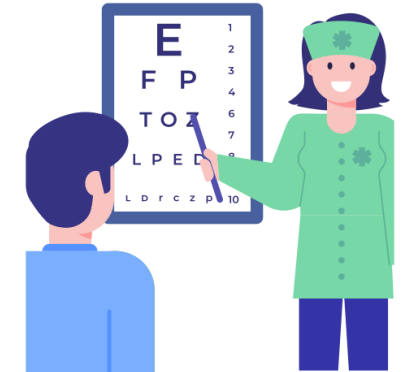
Rising Prevalence
of Diabetes



Yet Eye Conditions Fail to be Picked up in the Community

40.3%

attended eye screening
after turning 40



among those with visually
significant cataract,

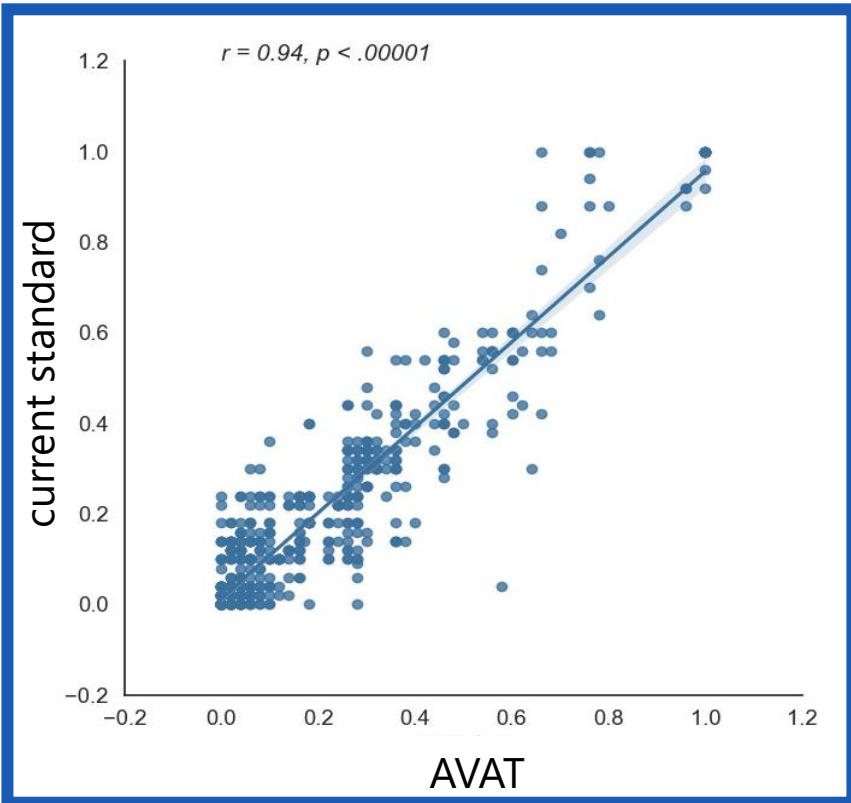
68.8%

unaware of cataract status

80,000+
patients

EXCELLENT

Correlation with Gold Standard



Deployed (Singapore, Hong Kong)



Real-World Outcomes

1:4

manpower needs
(nurse → volunteer)

75%

reduction in
space

25%

decrease in
VA wait-times

MOBILE IMAGING DEVICE FOR ANTERIOR SEGMENT (MIDAS)

AI-POWERED
CATARACT DETECTION
AT POINT-OF-CARE

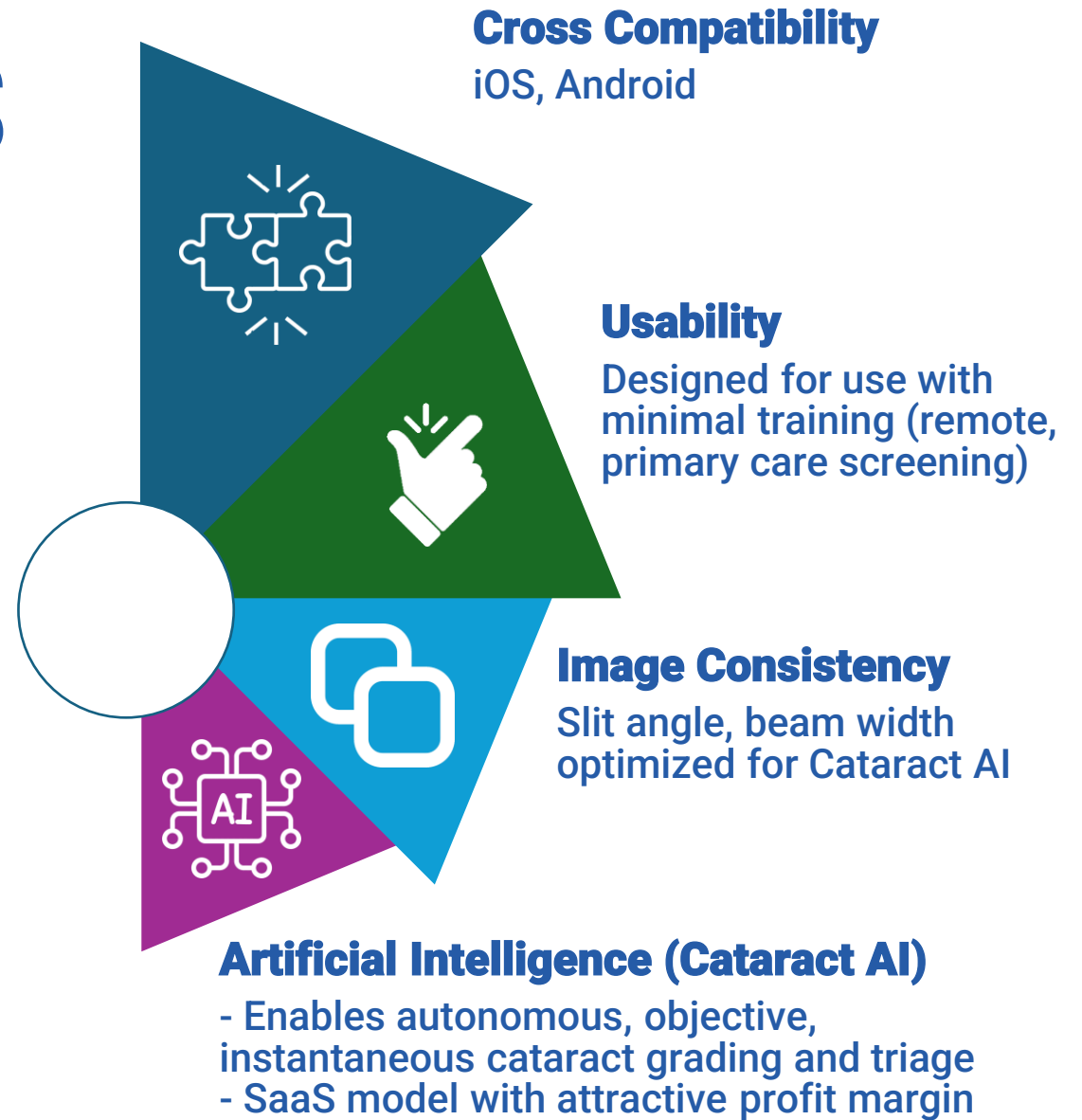
STEP BY STEP OVERVIEW 



Mobile Imaging Device for Anterior Segment **MIDAS**



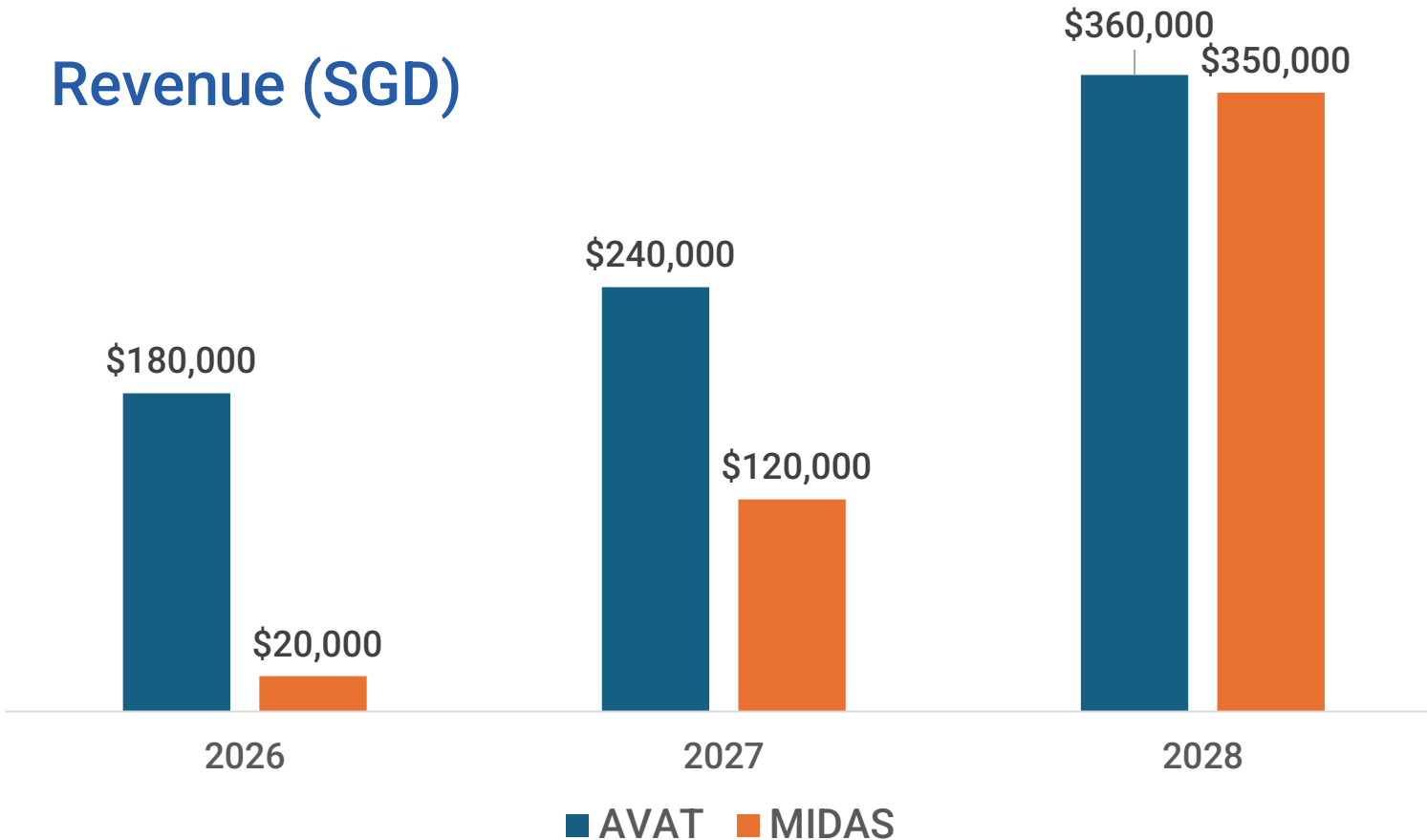
Medical Device in
Singapore, Vietnam



Attractive

Existing Sales Revenue

Revenue (SGD)



Vision Screening Market:

US\$815.2

million by 2029

Asia-Pacific (2030):

860M

visits/year

Management

Deep Operational, Clinical, Technical and Startup Background



Chng Weng Wah, Eddie
MD, CEO

Serial entrepreneur, spanning electronic manufacturing, digital security and multinational retail. SGX listed.



Prof Soo Khee Chee
Chairman



Benjamin Sheares Professor in Academic Medicine (Duke-NUS), National Cancer Centre Singapore (NCCS). Top surgical oncologist and esteemed academic.



Poh Weijie, PhD
Chief Scientist

Johns Hopkins PhD. Repeat entrepreneur in biotech, digital healthcare and medtech.



Muhammad Azri Bin Razali
Chief Engineer

More than a decade experience in image processing, rapid prototyping and translational research in ophthalmology.



Geetha Ganesh, PhD. MBA
Regulatory Lead

Extensively involved for the last 20 years in global regulatory affairs for medical devices, drugs, pharmaceutical products.



Preventable Blindness is a
Failure of **Access**, not
Ability.

Poh Weijie, PhD
Chief Scientist
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