

AVAT

One Test. Clear Eyes.



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AVAT is an **self-automated** visual acuity testing device that addresses the needs across public hospitals for **fast** and **accurate** screening measurements with **smaller space occupancy**.

Problem



Long waiting time for eye testing



6 metres

Insufficient rooms in hospitals



Overwhelming workload for nurses

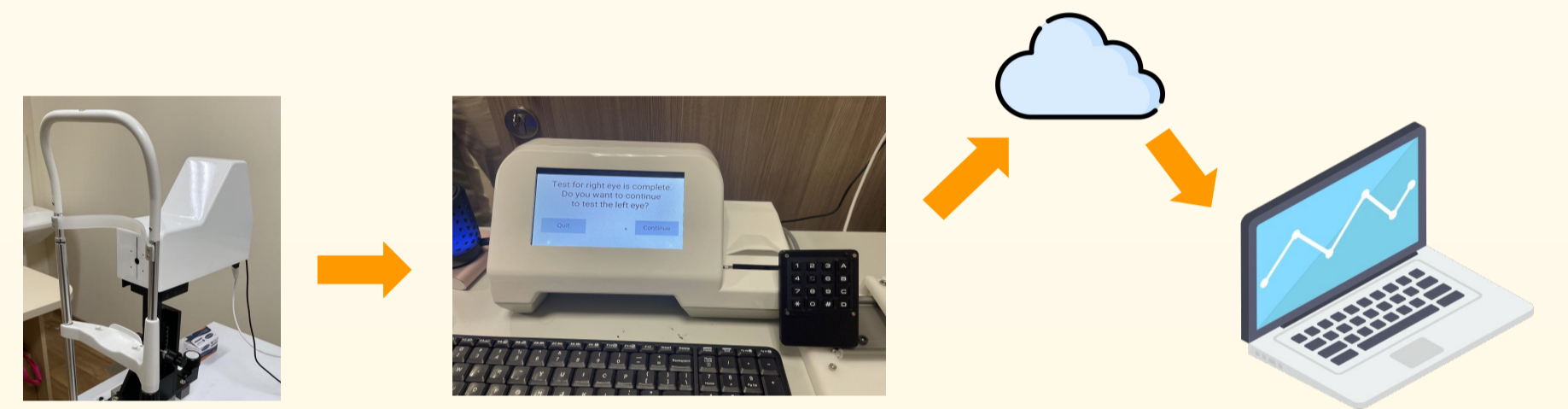
Product



AVAT

- **Self-automated** testing device
- **Less space** required (1m x 1m base)
- Real time data upload to **cloud system**

Solution



Take the VA test

Check results on the screen

Results displayed on the doctor's PC

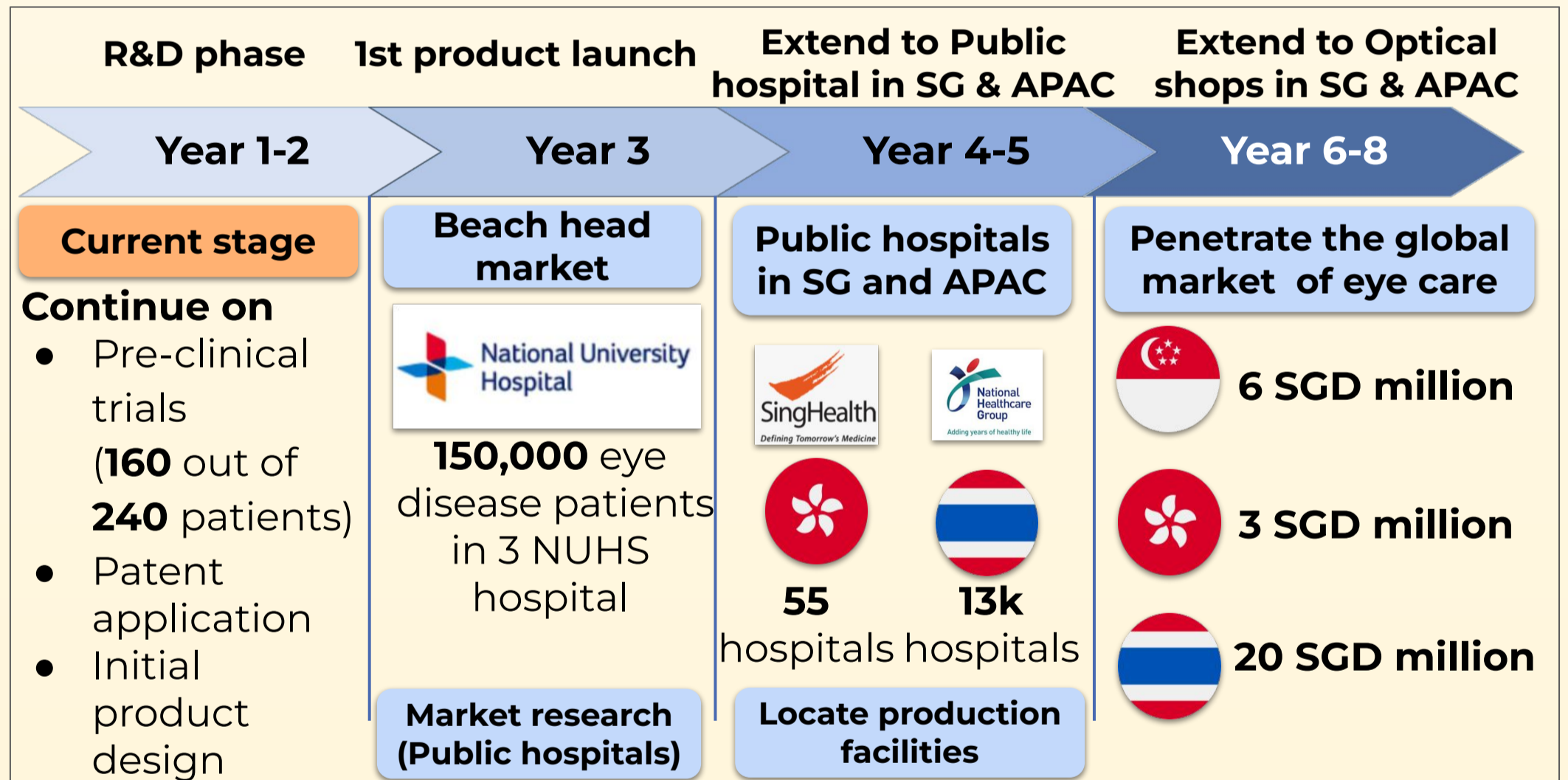
Benefits

- Save **space** - 6 times reduction in size
- Save **learning effort** - 1 study session required
- Save **time** - 7.5 min reduction in time
- Save **manpower** - 1 person needed per room

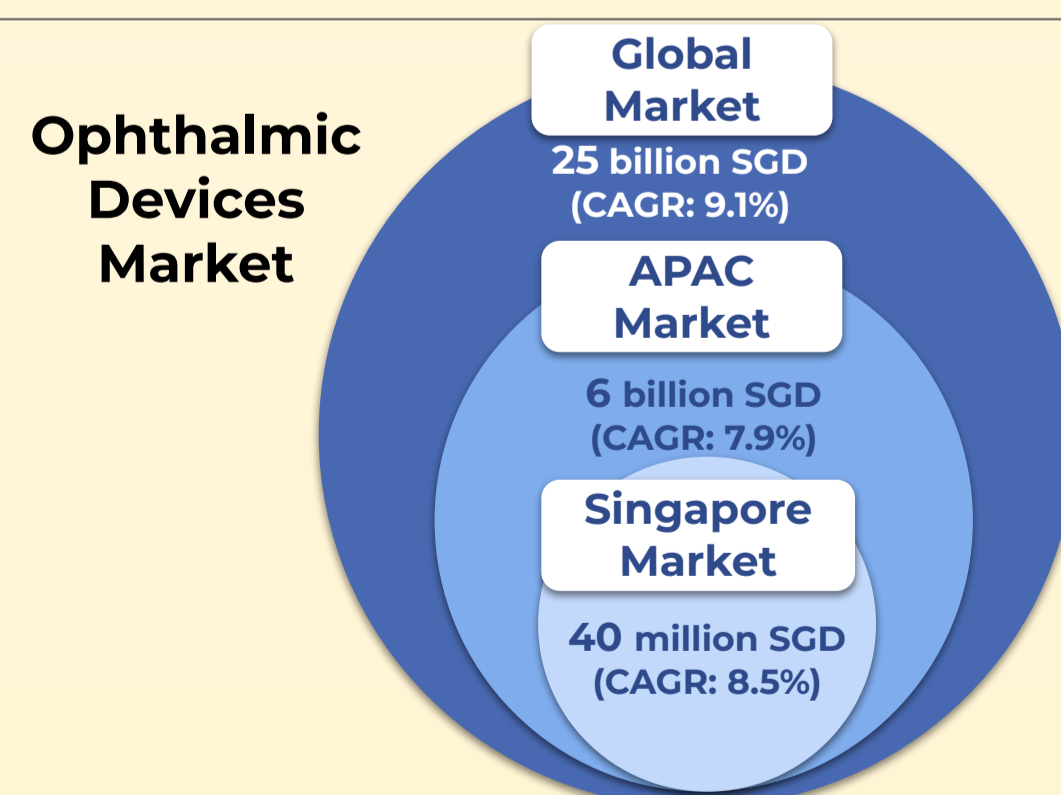
Competitors

Brand	Huvitz	Nidek	Unicos	AVAT
Must Have Needs				
Description	VAT & Autorefractor	Snellen chart projector	Auto chart projector	Self-automated VAT device
Self-automated test	✗	✗	✗	✓
Less Space Needed	25cm x 55cm base	2.5 m	2.5 m	20cm x 60cm base
Price	6000+ SGD	3000+ SGD	600+ SGD	1 SGD/patient
Afocal test	✗	✗	✗	✓

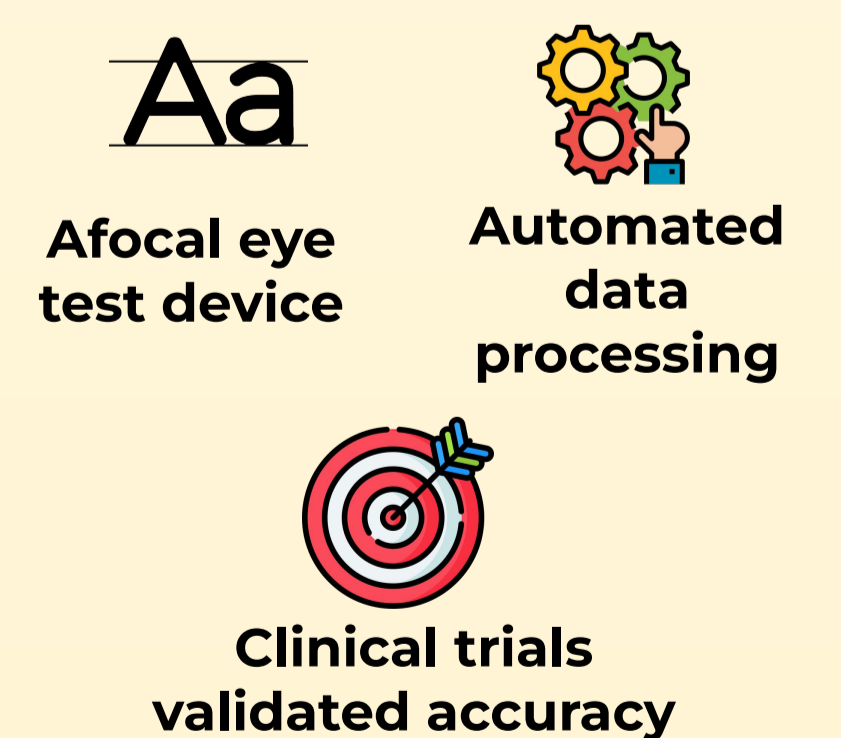
Commercialization Strategy



Market Size



Technology



Finance



Future Applications

- Optical shops - save space, time and labour.
- Telemedicine - do the VAT in patients' home
- Mobile clinic - make VAT more convenient
- Private primary schools - screen for the children's eyesight