

Supplementary Table 1: Cross-sectional Survey Questions

Question	Response
Q1. Have you ever used Telemedicine, or a mobile health product before?	<input type="radio"/> Yes <input type="radio"/> No
Q2. Do you currently suffer from any eye or vision problems?	<input type="radio"/> Yes <input type="radio"/> No
Q3. How would you rate the importance of having your vision checked? Please tick one response option:	<input type="radio"/> Not important <input type="radio"/> Somewhat important <input type="radio"/> Very important
Q4. How often do you have your vision checked by an eye care professional? Please tick one response option:	<input type="radio"/> At least every year <input type="radio"/> Once every 1-2 years <input type="radio"/> Once every 2-5 years <input type="radio"/> Less than once every 5 years <input type="radio"/> Never had my vision checked before
Q5. Please read the following scenario to help you answer questions 5-16 below: Previously, you had to travel to a clinic to have your vision tested by a specialist. Now, the clinic is using a downloadable vision test for mobile devices (e.g. tablet or smartphone). The test can measure vision loss and changes to your vision with the same accuracy as a specialist, and if poor vision is detected or suspected, the software can automatically recommend you to a nearby eye specialist. Would you use this vision test?	<input type="radio"/> Yes, skip to question 7 <input type="radio"/> No
Q6. Please specify any reasons why you would not use this technology:	<input type="radio"/> Open ended
Q7. If the test required a second person to assist and hold the device for you, how practical would this be?	<input type="radio"/> No issues <input type="radio"/> Potential issue <input type="radio"/> Unable
Q8. Who would this assisting person likely be?	<input type="radio"/> Carer <input type="radio"/> Friend <input type="radio"/> Household <input type="radio"/> Others
Q9. Which one of the following methods of arranging a follow-up appointment would you prefer?	<input type="radio"/> Results only available to me, I will arrange myself

	<ul style="list-style-type: none"> <input type="radio"/> Automatically shared to eye care specialists with my consent
Q10. To what extent do you agree or disagree that the following are potential advantages of a mobile phone-based vision test over attending a clinic for testing:	<ul style="list-style-type: none"> <input type="radio"/> Strongly agree <input type="radio"/> Agree <input type="radio"/> Disagree <input type="radio"/> Strongly disagree
Q11. Of the above, what would be the most important reason for using this technology? Please select one:	<ul style="list-style-type: none"> <input type="radio"/> Convenience <input type="radio"/> Cost saving <input type="radio"/> Improved access <input type="radio"/> More frequent testing <input type="radio"/> None, I would not use this technology <input type="radio"/> Time saving
Q12. Please specify any additional advantages of this technology that you perceive:	<ul style="list-style-type: none"> <input type="radio"/> Open ended
Q13. Of the following, what is your greatest concern about this technology:	<ul style="list-style-type: none"> <input type="radio"/> Difficulty of use <input type="radio"/> Test accuracy <input type="radio"/> Possibility of missed follow-up care <input type="radio"/> Security of personal information <input type="radio"/> Lack of personal contact with a doctor
Q14. For you to use the vision test, it would need to be recommended by:	<ul style="list-style-type: none"> <input type="radio"/> Family/friend <input type="radio"/> Health practitioner <input type="radio"/> I won't use this technology <input type="radio"/> Will consider without recommendation
Q15. How much would you be willing to pay for this vision test?	<ul style="list-style-type: none"> <input type="radio"/> Open ended
Q16. If your results were interpreted by unsupervised software algorithm, with the same accuracy but instead of a trained clinician, would this be acceptable to you?	<ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No
Q17. What is your postcode?	<ul style="list-style-type: none"> <input type="radio"/>
Q18. What is the highest level of education that you have completed?	<ul style="list-style-type: none"> <input type="radio"/> Apprenticeship/TAFE <input type="radio"/> Postgraduate (Master, PhD) <input type="radio"/> Secondary school <input type="radio"/> Tertiary (undergraduate)
Q19. What is your current income?	<ul style="list-style-type: none"> <input type="radio"/> \$45,000 or less <input type="radio"/> \$45,001 to \$79,999 <input type="radio"/> \$80,000 or greater
Q20. What is your age?	<ul style="list-style-type: none"> <input type="radio"/> 18-29 <input type="radio"/> 30-44

	<ul style="list-style-type: none">○ 45-59○ 60+
Q21. What is your gender?	<ul style="list-style-type: none">○ Male○ Female
Q22. What type of device are you using?	<ul style="list-style-type: none">○ Android phone/tablet○ MacOS desktop/Laptop○ Windows desktop/laptop○ iOS phone/tablet○ Other

Supplementary Table 2: Clinician Interview Prompts

Question	Prompts
Q1. What do you see as the main advantages of the test?	<ul style="list-style-type: none"> ○ What other advantages do you see ○ Can you explain this further? ○ How is this an advantage ○ How will this benefit your practice ○ Would you encourage your patients to use this test – why/why not/ ○ Do you think this is a feasible way to test vision?
Q2. What do you see as the main challenges in regard to the application of the test among the Australian population?	<ul style="list-style-type: none"> ○ What other challenges do you see ○ Can you explain this further? ○ Do you have any other thoughts on this? ○ What are some other barriers ○ How will this affect your practice ○ How do you perceive this will impact your patients? ○ What challenges do you foresee for your patients/how can we target these barriers? ○ Thinking about your older (elderly) patients do you think this test is accessible to them? ○ What are some of the barriers you see to this population using the vision at home test? ○ How can we overcome these?
Q3. How do you suggest the test be integrated / linked with existing patient referral systems (electronic or non-electronic)?	<ul style="list-style-type: none"> ○ e.g. patients provided google map of ophthalmologists in the local area ○ Can you give me a specific example of what you mean? ○ What other thoughts do you have on this ○ How else do you think the test could be integrated? ○ What are your thoughts on privacy and security ○ Who should be responsible for maintaining the integrity of the referral system
Q4. What should be the main aspects for an electronic referral system associated with the test in order to meet your needs?	<ul style="list-style-type: none"> ○ What are some other features ○ What concerns do you have about the electronic referral system/ how can these be overcome? ○ What difficulties do you see?
Q5. What value do you feel this tool would have in enhancing public health or improving eye health in Australia?	

Q6. Any final thoughts, suggestions or comments?

Q7. Generic prompts to use throughout the interview

- Do you have any other thoughts on this?
 - Is there anything else?
 - Would you explain further? / please explain your reasons
 - Can you give me an example of what you mean?
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