



Supporting Information

Supplementary methods

**This appendix was part of the submitted manuscript and has been peer reviewed.
It is posted as supplied by the authors.**

Appendix to: Keay L, Ho KC, Rogers K, et al. The incidence of falls after first and second eye cataract surgery: a longitudinal cohort study. *Med J Aust* 2022; doi: 10.5694/mja2.51611.

Table. Schedule of assessments in the FOCUS study [adapted from Keay et al 2014].¹

Recruitment phase Study visit	Initial		Phase 2	
	Baseline*	Follow-up	Baseline*	Follow-up
Demographic characteristics	✓	-	✓	-
Vision status				
Habitual correction	✓	✓	✓	✓
Refractive correction (focimeter)	✓	✓	✓	✓
Autorefracton	✓	✓	✓	✓
Distance vision	✓	✓	✓	✓
Contrast sensitivity	✓	✓	✓	✓
Visual fields	✓	-	✓	-
Stereopsis (Titmus Fly stereo test)	✓	✓	✓	✓
Ocular dominance	✓	-	✓	-
Pupil size	✓	-	✓	-
Quality of life				
Catquest-9SF	✓	✓	✓	✓
EQ-5D-5L	✓	✓	✓	✓
Medical information				
Medications and medical history	✓	✓	✓	✓
Health service use				
Cataract referral and surgery waiting times	✓	✓	✓	✓
Independent mobility				
Driving Habits Questionnaire	✓	✓	x	x
Falls (Short Falls Efficacy Scale)	✓	✓	✓	✓
Incidental and Planned Exercise Questionnaire	✓	✓	✓	✓
Mood and socialisation				
Keele Assessment of Participation	✓	✓	x	x
Positive and Negative Affect Scale	✓	✓	x	x
Geriatric Depression Scale	✓	✓	x	x
Physical assessment				
Height	✓	-	✓	-
Weight	✓	-	✓	-
Standing balance	✓	✓	✓	✓
Sit-to-stand five times	✓	✓	✓	✓
Gait speed (timed 4m walk)	✓	✓	✓	✓

(✓): performed, (-): not planned and not performed, (x): discontinued in Phase 2 of study.[†]

*At the completion of the baseline assessment, the monthly falls calendar is provided and the procedure for its completion explained to the participant.

† Every effort was made to support enrolment in Phase 2 of this study despite limited resources. This included modifying the protocol to remove several questionnaires on secondary outcomes in Phase 2 of data collection. Published analyses of these secondary outcomes include those of driving patterns² and depressive symptoms.³ Our published analysis of the impact of first eye surgery on falls was based on the preliminary dataset of 329 patients enrolled between October 2013 and August 2015.⁴

References

1. Keay L, Palagyi A, McCluskey P, et al. Falls in Older people with Cataract, a longitudinal evaluation of impact and risk: the FOCUS study protocol. *Inj Prev* 2014;20:e7.
2. Keay L, Palagyi A, Do V, et al. Vision and driving status of older Australians with cataract: an investigation of public hospital waiting lists. *Clin Exp Optom* 2016;99:449-455.
3. Palagyi A, Rogers K, Meuleners L, et al. Depressive symptoms in older adults awaiting cataract surgery. *Clin Exp Ophthalmol* 2016;44:789-796.
4. Palagyi A, Morlet N, McCluskey P, et al. Visual and refractive associations with falls after first-eye cataract surgery. *J Cataract Refract Surg* 2017;43:1313-1321.