

Table S6. Lens thickness comparison to previous literature

Author, Year	Subjects (Eyes)	Ages (months)	Device	Lens Thickness (mm)		p value	Success rate
				Cataract	Control		
Larsen, 1971 ²⁸	(128)	72-84	A scan biometry	None	3.52 +/- 0.14	n/a	n/a
Garner, 1990 ²⁹	(~150)	72-84	A scan biometry**	None	3.71 +/- 0.22	n/a	n/a
Pennie, 2001 ³⁰	20 (40)	0-12	A scan biometry**	None	3.65 +/- 0.22 (range 3.2 – 4.2)	n/a	76% success
Zadnik, 2003 ³¹	2583	92-150	A scan biometry	None	3.46 +/- 0.18	n/a	n/a
Vasavada, 2004 ³²	20 (27)	1.5-144	n/a	3.17 +/- 1.17 (range 1.71 – 4.85)	None	n/a	n/a
Trivedi, 2008 ¹⁸	110 (310)	0-200	Immersion A scan biometry	3.64 +/- 0.84 (range 0.61–6.35)	3.73 +/- 0.37	0.294	66% success
	(39)	0-6		3.18 +/- 0.79	3.65 +/- 0.49	<0.001	
El Shakankiri, 2009 ³³	21 (32)	1-162	UBM and biometry	4.26 +/- 1.20 (range 2.46 - 7.26)	None	n/a	71% success
Li, 2018 ³⁴	53 (81)	0-12	Contact A scan biometry***	PCD Cataract: 2.65 [2.36, 3.34] Non-PCD Cataract: 4.51 [3.87, 5.00]	None	n/a	82% success
Wei, 2023	76 (132)	0-60	UBM	3.29 ± 0.79 [3.09, 3.50] (range 1.31 – 6.22)	3.60 ± 0.18 [3.55,3.64] (range 3.10 – 3.98)	0.002	100% success

UBM=Ultrasound biomicroscopy; ** Allergan Zeiss Humphrey ultrasonic biometer model 820; *** Axis Nano, Quantel Medical; +Trivedi et al. includes data in the subgroup 0-6 months for comparison to this study