

Supplementary Materials: An insight into knowledge, perspective, and practices of Indian optometrists towards childhood myopia

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Supplementary table S1: Predictive factors for optometrists involving childhood myopia management based on their primary place of practice.

Categories	Hospital			Academic institution			Independent (private) practice			Corporate practice			Optometrist pursuing PG		
	OR	95% CI	p-value	OR	95% CI	p-value	OR	95% CI	p-value	OR	95% CI	p-value	OR	95% CI	p-value
Routine Eye Examination															
Cover test	2.83	1.78-4.51	<0.001	2.94	2.01-4.32	<0.001	2.68	1.85-3.90	<0.001	3.36	2.32-4.88	<0.001	3.13	2.18-4.49	<0.001
Cycloplegic retinoscopy	5.57	3.15-9.84	<0.001	5.57	3.5-8.87	<0.001	6.78	4.13-11.10	<0.001	7.26	4.50-11.70	<0.001	6.67	4.21-10.50	<0.001
Cycloplegic subjective refraction	2.17	1.40-3.37	0.001	2.63	1.81-3.82	<0.001	2.33	1.63-3.35	<0.001	2.57	1.81-3.64	<0.001	2.50	1.78-3.52	<0.001
Dilated retinal fundus examination	2.29	1.47-3.56	<0.001	2.94	2.01-4.32	<0.001	4.19	2.75-6.37	<0.001	3.62	2.47-5.29	<0.001	3.47	2.40-5.03	<0.001
Non cycloplegic retinoscopy	1.56	1.02-2.36	0.039	1.76	1.24-2.49	0.001	1.86	1.31-2.63	<0.001	1.62	1.17-2.23	0.003	1.64	1.19-2.25	0.002
Non cycloplegic subjective refraction	1.56	1.02-2.36	0.039	1.76	1.24-2.49	0.001	1.80	1.27-2.54	0.001	1.57	1.14-2.17	0.006	1.56	1.13-2.13	0.006
Note patient family history of myopia	9.22	4.64-18.30	<0.001	4.75	3.06-7.38	<0.001	4.83	3.11-7.50	<0.001	5.04	3.31-7.67	<0.001	5.19	3.41-7.90	<0.001
Practitioners' engagement with the attender															
Always discuss options other than glasses for managing the child's myopia	0.88	0.50-1.54	0.652	2.3	1.15-4.70	0.020	0.67	0.33-1.33	0.251	0.868	0.32-2.37	0.781	1.47	0.44-5.08	0.531
Considering risk factors															
Patient's age	0.54	0.30-0.95	0.033	3.27	1.46-8.14	0.006	1.06	0.51-2.27	0.868	1.12	0.43-3.16	0.818	0.85	0.29-2.69	0.768
Patient's ethnicity	0.56	0.32-0.95	0.034	2.13	1.08-4.25	0.031	1.80	0.87-3.76	0.114	1.01	0.42-2.43	0.990	1.57	0.52-4.76	0.420
Interventions															
Advice to increase time spent outdoors	2.83	1.78-4.51	<0.001	2.45	1.7-3.54	<0.001	2.78	1.91-4.05	<0.001	2.92	2.04-4.19	<0.001	2.66	1.88-3.76	<0.001
Low-moderate dose 0.01%-0.5% atropine eye drops	1.87	1.22-2.88	0.004	1.82	1.28-2.57	0.001	2.26	1.58-3.23	<0.001	2.41	1.71-3.40	<0.001	2.22	1.59-3.10	<0.001

Visual hygiene e.g., taking regular breaks with prolonged near work maintaining appropriate working distance and good lighting	1.97	1.28-3.03	0.002	1.94	1.36-2.75	<0.001	2.04	1.44-2.91	<0.001	1.80	1.30-2.50	<0.001	1.93	1.39-2.67	<0.001
Source of education and information															
Systematic review and meta-analyses, Cochrane reviews	1.04	0.60-1.81	0.886	2.62	1.27-5.59	0.010	0.53	0.26-1.08	0.079	0.809	0.32-2.09	0.655	0.65	0.19-2.30	0.491
Textbooks	1.39	0.80-2.43	0.238	0.47	0.24-0.92	0.028	0.87	0.43-1.73	0.681	1.80	0.68-4.96	0.242	0.45	0.14-1.37	0.158
Frequencies of interventions															
Single vision distance (under-correction)	1.52	0.88-2.62	0.132	0.44	0.22-0.87	0.020	0.54	0.28-1.05	0.070	1.42	0.53-3.73	0.474	0.72	0.23-2.20	0.564
Bifocal lenses	2.34	1.30-4.23	0.005	0.62	0.29-1.29	0.215	0.72	0.33-1.51	0.387	0.38	0.10-1.05	0.108	0.87	0.25-2.72	0.816
Awareness about complication															
Retinal Break	1.79	1.17-2.74	0.008	2.14	1.49-3.06	<0.001	2.11	1.48-3.01	<0.001	2.14	1.53-2.99	<0.001	1.98	1.43-2.75	<0.001
Barriers for myopia management															
Insufficient support from workplace	0.63	0.37-1.08	0.091	2.72	1.36-5.56	0.005	0.74	0.38-1.43	0.366	1.30	0.507-3.35	0.586	1.90	0.56-6.74	0.309
Minimal financial incentive	1.77	1.03-3.04	0.038	1.07	0.54-2.11	0.848	0.55	0.27-1.10	0.09	0.95	0.39-2.31	0.91	1.35	0.40-4.60	0.624

PG: Post graduation