

# Precision of intraocular lens power prediction in eyes with 6 formulas

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Citation Report

#	ARTICLE	IF	CITATIONS
1	New Approach for the Calculation of the Intraocular Lens Power Based on the Fictitious Corneal Refractive Index Estimation. Journal of Ophthalmology, 2019, 2019, 1-9.	1.3	13
2	<p>&gt;Visual And Refractive Outcomes In Hyperopic Pseudophakic Patients Implanted With A Trifocal Intraocular Lens</p><p>&gt;. Clinical Ophthalmology, 2019, Volume 13, 2261-2268.	1.8	6
3	Bilateral implantation of +56 and +58 diopter custom-made intraocular lenses in patient with extreme nanophthalmos. American Journal of Ophthalmology Case Reports, 2020, 20, 100963.	0.7	3
4	Intraocular Lens Power Formulas, Biometry, and Intraoperative Aberrometry. Ophthalmology, 2021, 128, e94-e114.	5.2	67
5	Comparison of various intraocular lens formulas using a new high-resolution swept-source optical coherence tomographer. Journal of Cataract and Refractive Surgery, 2020, 46, 1138-1141.	1.5	9
6	Recent developments in intraocular lens power calculation methodsâ€”update 2020. Annals of Translational Medicine, 2020, 8, 1553-1553.	1.7	65
7	Ratio of Axial Length to Corneal Radius in Japanese Patients and Accuracy of Intraocular Lens Power Calculation Based on Biometric Data. American Journal of Ophthalmology, 2020, 218, 320-329.	3.3	12
8	Development of a new intraocular lens power calculation method based on lens position estimated with optical coherence tomography. Scientific Reports, 2020, 10, 6501.	3.3	12
9	Accuracy of the Hillâ€™radial basis function method and the Barrett Universal II formula. European Journal of Ophthalmology, 2021, 31, 566-571.	1.3	19
10	Accuracy of the Barrett Universal II formula integrated into a commercially available optical biometer when using a preloaded single-piece intraocular lens. Indian Journal of Ophthalmology, 2021, 69, 2298.	1.1	4
11	Response to comments on: Comparison of three newer generation freely available intraocular lens power calculation formulae across all axial lengths. Indian Journal of Ophthalmology, 2021, 69, 1977.	1.1	0
12	Optimizing lens constants specifically for short eyes: Is it essential?. Indian Journal of Ophthalmology, 2021, 69, 2293.	1.1	0
13	Comparison of accuracy of different intraocular lens power calculation methods using artificial intelligence. European Journal of Ophthalmology, 2022, 32, 235-241.	1.3	9
14	Clinical Accuracy of 18 IOL Power Formulas in 241 Short Eyes. Current Eye Research, 2021, 46, 1832-1843.	1.5	15
15	Accuracy of intraocular lens power calculation in primary angle-closure disease: comparison of 7 formulas. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 3739-3747.	1.9	8
16	Evaluating newer generation intraocular lens calculation formulas in manual versus femtosecond laser-assisted cataract surgery. International Journal of Ophthalmology, 2021, 14, 1174-1178.	1.1	0
18	Refractive Predictability Using the IOLMaster 700 and Artificial Intelligenceâ€™Based IOL Power Formulas Compared to Standard Formulas. Journal of Refractive Surgery, 2020, 36, 466-472.	2.3	32
19	Improving clinical refractive results of cataract surgery by machine learning. PeerJ, 2019, 7, e7202.	2.0	31

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20	December consultation #6. Journal of Cataract and Refractive Surgery, 2020, 46, 1689-1689.	1.5	0
21	Comparison of Three Formulas for Intraocular Lens Power Formula Accuracy. Journal of Korean Ophthalmological Society, 2020, 61, 27.	0.2	1
22	Accuracy of common IOL power formulas in 611 eyes based on axial length and corneal power ranges. British Journal of Ophthalmology, 2021, 105, 1661-1665.	3.9	20
23	Comparison of the Barrett Universal II formula to previous generation formulae for paediatric cataract surgery. Acta Ophthalmologica, 2022, 100, 682-689.	1.1	5
24	Comparing the accuracy of new intraocular lens power calculation formulae in short eyes after cataract surgery: a systematic review and meta-analysis. International Ophthalmology, 2022, 42, 1939-1956.	1.4	6
25	Accuracy of intraocular lens power calculation formulae in short eyes: A systematic review and meta-analysis. Indian Journal of Ophthalmology, 2022, 70, 740.	1.1	5
26	Recent developments in the intraocular lens formulae: An update. Seminars in Ophthalmology, 2023, 38, 143-150.	1.6	4
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28	Relative Anterior Microphthalmos, High Hyperopia, Nanophthalmos. Essentials in Ophthalmology, 2022, , 261-272.	0.1	0
29	Cataract surgery in patients with extremely elongated eyeball. Aspirantskiy Vestnik Povolzhiya, 2022, 22, 26-30.	0.1	0
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31	Intraocular Lens Formula Comparison of Flanged Intrascleral Intraocular Lens Fixation with Double Needle Technique. Clinical Ophthalmology, 0, Volume 17, 837-842.	1.8	1
32	Comparison of Accuracy of Six Modern Intraocular Lens Power Calculation Formulas. Korean Journal of Ophthalmology: KJO, 2023, 37, 380-386.	1.1	1
33	Refractive outcomes of immediately sequential bilateral cataract surgery in eyes with long and short axial lengths. BMC Ophthalmology, 2024, 24, .	1.4	0