

Myopia Increases the Risk of Serious, Sight Threatening Complications



Eye Disease	-2.00 D	-4.00 D	-6.00 D	-8.00 D
Myopic Maculopathy²	2.2x higher	9.7x higher	40.6x higher	126.8x higher
Retinal Detachment³	3.1x higher	9.0x higher	21.5x higher	44.2x higher
PSC Cataract⁴	1.6x higher	3.2x higher	5.4x higher	12.3x higher
Glaucoma⁵	1.7x higher	2.5x higher	2.5x higher	N/A

Odds ratio of ocular disease as a function of myopia relative to emmetropia¹

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References: 1 Flitcroft, D. I. (2012). The complex interactions of retinal, optical and environmental factors in myopia aetiology. *Progress in retinal and eye research*, 31(6), 622-660. 2 Vongphanit, J., Mitchell, P., & Wang, J. J. (2002). Prevalence and progression of myopic retinopathy in an older population. *Ophthalmology*, 109(4), 704-711. 3 Ogawa, A., & Tanaka, M. (1988). The relationship between refractive errors and retinal detachment--analysis of 1,166 retinal detachment cases. *Japanese journal of ophthalmology*, 32(3), 310-315. 4 Chang, M. A., Congdon, N. G., Bykhovskaya, I., Munoz, B., & West, S. K. (2005). The association between myopia and various subtypes of lens opacity: SEE (Salisbury Eye Evaluation) project. *Ophthalmology*, 112(8), 1395-1401. 5 Marcus, M. W., de Vries, M. M., Montolio, F. G. J., & Jansonius, N. M. (2011). Myopia as a risk factor for open angle glaucoma: a systematic review and meta-analysis. *Ophthalmology*, 118(10), 1989-1994.