

## DAFTAR PUSTAKA

1. Goss D, Grosvenor T, Keller J, Marsh-Tootle W, Norton T, Adnik Z. Care of the Patient with Myopia. American Optometric Association. USA; 2006. 1–39 p.
2. Rosenfield M. Refractive Status of the Eye. Borish's Clinical Refraction. 2nd ed. Benjamin W, editor. USA: Butterworth-Heinemann; 2006. 3–8 p.
3. Atchinson D, Smith G. Optic of The Human Eye. England: Butterworth-Heinemann; 2002. 59–60 p.
4. Holden BA, Fricke TR, Wilson DA, Jong M, Naidoo KS, Sankaridurg P, et al. Global Prevalence of Myopia and High Myopia and Temporal Trends from 2000 through 2050. *Ophthalmology*. 2016 May;123(5):1036–42.
5. Hashemi H, Fotouhi A, Yekta A, Pakzad R, Ostadimoghaddam H, Khabazkhoob M. Global and regional estimates of prevalence of refractive errors: Systematic review and meta-analysis. *J Curr Ophthalmol*. 2018 Mar;30(1):3–22.
6. Wang J, Ying G, Fu X, Zhang R, Meng J, Gu F, et al. Prevalence of myopia and vision impairment in school students in Eastern China. *BMC Ophthalmol*. 2020 Dec 2;20(1):2.
7. Yam JC, Tang SM, Kam KW, Chen LJ, Yu M, Law AK, et al. High prevalence of myopia in children and their parents in Hong Kong Chinese Population: the Hong Kong Children Eye Study. *Acta Ophthalmol*. 2020 Aug 24;98(5).
8. Sun JT, An M, Yan XB, Li GH, Wang DB. Prevalence and Related Factors for Myopia in School-Aged Children in Qingdao. *J Ophthalmol*. 2018;2018:1–6.
9. Nora L, Hendrotanto P, Sitorus S, Simangunsong L, Sjarif D, Riono P. Environmental and Genetic Risk Factors of Myopia in Indonesian Children Population. The Jakarta Urban Eye Health Study. *Invest Ophthalmol Vis Sci*. 2010;51(13):130–5.
10. Hamdy F, Rahman A, Sukmawati G. Prevalensi Miopia pada Anak Sekolah Etnis Cina di Kota Padang dan Hubungannya dengan Aktivitas Melihat Dekat. *eSkripsi Univ Andalas*. 2015;1.
11. Niani I, Sayuti K, Rahman A. Perbandingan Intelligence Quotient dan Body Mass Index Pelajar Miopia dan Non Miopia di SMA Kota Padang. *eSkripsi Univ Andalas*. 2016;1.
12. Wadhwa B, Karambelkar V. Ocular biometrics: Study of myopia, using A scan and keratometer. *Int J Contemp Med Res*. 2019;6(3):5–8.
13. Day M, Duffy LA. Myopia and defocus: the current understanding. *Scand J Optom Vis Sci*. 2011 Jun 29;4(1):1–14.
14. Broodie S, Gupta P, Irsch K. Optics of The Human Eye. Clinical optic. San Fransisco: American Academy of Ophthalmology; 2021. 123–144 p.
15. Hered R, Archer S, Braverman R. Growth and development of the eye. Pediatric Ophthalmology and Strabismus. San Fransisco: American Academy of Ophthalmology; 2021. 179–182 p.
16. Ip JM, Huynh SC, Kifley A, Rose KA, Morgan IG, Varma R, et al. Variation

- of the Contribution from Axial Length and Other Oculometric Parameters to Refraction by Age and Ethnicity. *Investig Ophthalmology Vis Sci*. 2007 Oct 1;48(10):4846.
17. Tideman J, Polling JR, Voortman T, Jaddoe VW V., Uitterlinden AG, Hofman A, et al. Low serum vitamin D is associated with axial length and risk of myopia in young children. *Eur J Epidemiol*. 2016 May 8;31(5):491–9.
  18. Blanco G, Fernandes FS, Juan C, Sanz M, Angel M. Axial Length, Corneal Radius, and Age of Myopia Onset. *Optom Vis Sci*. 2008 Feb;85(2):89–96.
  19. Iyamu E, Iyamu J, Obiakor CI. The Role of Axial Length-Corneal Radius of Curvature Ratio in Refractive State Categorization in a Nigerian Population. *ISRN Ophthalmol*. 2011 Jul 13;2011:1–6.
  20. Xiong S, Zhang B, Hong Y, He X, Zhu J, Zou H, et al. The Associations of Lens Power With Age and Axial Length in Healthy Chinese Children and Adolescents Aged 6 to 18 Years. *Investig Ophthalmology Vis Sci*. 2017 Nov 15;58(13):5849.
  21. Chen M-J, Liu Y-T, Tsai C-C, Chen Y-C, Chou C-K, Lee S-M. Relationship Between Central Corneal Thickness, Refractive Error, Corneal Curvature, Anterior Chamber Depth and Axial Length. *J Chinese Med Assoc*. 2009 Mar;72(3):133–7.
  22. Tasneem A, Vittal I, Shwetha B. A Comparative Study in Axial Length of Eye and Radiue of Curvature of Cornea Between Myopes and Emmetropes in Indian Population. *J Evol Med Dent Sci*. 2015 Aug 28;4(70):12097–111.
  23. Osuobeni EP. Ocular components values and their intercorrelations in Saudi Arabians. *Ophthalmic Physiol Opt*. 1999 Nov;19(6):489–97.
  24. Majumder C, Tan Y. Comparison of ocular biometry and corneal curvature among malaysian emmetropes and myopes. *Ophthalmic Physiol Opt*. 1999;19(6):489–97.
  25. He X, Zou H, Lu L, Zhao R, Zhao H, Li Q, et al. Axial Length/Corneal Radius Ratio: Association with Refractive State and Role on Myopia Detection Combined with Visual Acuity in Chinese Schoolchildren. Pan C-W, editor. *PLoS One*. 2015 Feb 18;10(2):e0111766.
  26. Laidasuri R, Sayuti K, Wati R. Hubungan Rasio Axial Length dan Corneal Radius dengan Miopia pada Anak. *eSkripsi Univ Andalas*. 2021;1.
  27. Elliott DB, Benjamin W. Contrast Sensitivity and Glare Testing. *Borish's Clinical Refraction*. St. Louis: Butterworth-Heinemann; 2006. 247–271 p.
  28. Liou SW, Chiu CJ. Myopia and contrast sensitivity function. *Curr Eye Res*. 2001 Jan 2;22(2):81–4.
  29. Jaworski A, Gentle A, Zele AJ, Vingrys AJ, McBrien NA. Altered Visual Sensitivity in Axial High Myopia: A Local Postreceptor Phenomenon? *Investig Ophthalmology Vis Sci*. 2006 Aug 1;47(8):3695.
  30. Morgan IG, French AN, Ashby RS, Guo X, Ding X, He M, et al. The epidemics of myopia: Aetiology and prevention. *Prog Retin Eye Res*. 2018 Jan;62:134–49.
  31. Ohno MK, Lai TY, Lai CC, Cheung CM. Updates of pathologic myopia. *Prog Retin Eye Res*. 2016 May;52:156–87.
  32. Witmore W. *The Optics of Myopia*, Duane's Clinical Ophthalmology Foundation. Vol. 2. Philadelphia: Lippincott Williams & Wilkins; 2012.

- 753–762 p.
33. Skuta G, Cantor L, Weiss J. Myopia. *Clinical Optics*. San Fransisco: American Academy of Ophthalmology; 2021. 12-13;174 p.
  34. Khurana A. Optics and Refraction. *Comprehensive Ophthalmology*. 4th ed. New Delhi: New Age International; 2007. 32–28 p.
  35. Holden BA. Terminology and classification myopia. In: *Myopia, The Impact of Myopia and High*. Sydney: World Health Organization; 2017. p. 1–31.
  36. Foster PJ, Jiang Y. Epidemiology of myopia. *Eye*. 2014 Feb 10;28(2):202–8.
  37. Zhang MZ, Saw SM, Hong RZ, Fu ZF, Yang H, Shui Y-B, et al. Refractive Errors in Singapore and Xiamen, China—A Comparative Study in School Children Aged 6 to 7 Years. *Optom Vis Sci*. 2000 Jun;77(6):302–8.
  38. Morgan A, Young R, Narakhand B, Chen S, Cottrial C, Hosking Sarah. Prevalence Rate of Myopia in Schoolchildren in Rural Mongolia. *Optom Vis Sci*. 2006 Jan;83(1):53–6.
  39. Xiang Z-Y, Zou H-D. Recent Epidemiology Study Data of Myopia. Taneri S, editor. *J Ophthalmol* [Internet]. 2020 Nov 4;2020:1–12. Available from: <https://www.hindawi.com/journals/joph/2020/4395278/>
  40. Vitale S. Increased Prevalence of Myopia in the United States Between 1971-1972 and 1999-2004. *Arch Ophthalmol*. 2009 Dec 14;127(12):1632.
  41. Lin L, Shih Y, Hsiao C, Chen C. Prevalence of myopia in Taiwanese schoolchildren: 1983 to 2000. *Ann Acad Med Singapore*. 2004 Jan;33(1):27–33.
  42. Huang YP, Singh A, Lai LJ. The Prevalence and Severity of Myopia among Suburban Schoolchildren in Taiwan. *Ann Acad Med Singapore*. 2018 Jul;47(7):253–9.
  43. Rapuano C, Stout J, McCannel C. Optic of the Human. *Clinical Optics*. San Fransisco: American Academy of Ophthalmology; 2001. 142–143 p.
  44. Nemeth J, Tapaszoo B, Aclimandos WA, Kestelyn P, Jonas JB, De Faber JT, et al. Update and guidance on management of myopia. European Society of Ophthalmology in cooperation with International Myopia Institute. *Eur J Ophthalmol* [Internet]. 2021 May 5;31(3):853–83. Available from: <http://journals.sagepub.com/doi/10.1177/1120672121998960>
  45. Troilo D, Smith EL, Nickla DL, Ashby R, Tkatchenko A V, Ostrin LA, et al. IMI – Report on Experimental Models of Emmetropization and Myopia. *Investig Ophthalmology Vis Sci*. 2019 Feb 28;60(3):M31.
  46. Smith EL, Hung L-F, Huang J, Blasdel TL, Humbird TL, Bockhorst KH. Effects of Optical Defocus on Refractive Development in Monkeys: Evidence for Local, Regionally Selective Mechanisms. *Investig Ophthalmology Vis Sci*. 2010 Aug 1;51(8):3864.
  47. Myrowitz EH. Juvenile myopia progression, risk factors and interventions. *Saudi J Ophthalmol*. 2012 Jul;26(3):293–7.
  48. Sayuti K. Hubungan polimorfisme rs9928731 gen MMP2, rs2285063 promotor gen MMP2 dengan kejadian miopia dan panjang aksial mata. *Progr Stud Dr Ilmu Biomedik Fak Kedokt Univ Andalas*. 2020;
  49. Mutti DO, Mitchell GL, Moeschberger ML. Parental Myopia, Near Work, School Achievement, and Children’s Refractive Error. *Invest Ophthalmol Vis Sci*. 2002;43:3633–40.



50. Young TL. Molecular Genetics of Human Myopia: An Update. *Optom Vis Sci.* 2009 Jan;86(1):E8–22.
51. Cantor L, Rapuano C. Basic Anatomy. *Retina and Vitreous.* San Fransisco: American Academy of Ophthalmology; 2021. 305–319 p.
52. Eva P, Whitcher J. Retina. *Vaughan & Asbury's General Ophthalmology.* 19th ed. London: Lange Medical Book; 2018. 36–38 p.
53. Cantor L, Rapuano C. Neurosensory Retina. *Fundamental and Principles of Ophthalmology.* San Fransisco: American Academy of Ophthalmology; 2021. 305–319 p.
54. Ansari M, Nadeem A. Retina. *Atlas Ocular Anatomy.* Chicago: Springer; 2016. 22–25 p.
55. Flammer J, Mozzafarieh M, Bebie H. Roles Protein Eye. *Basic Science in Ophthalmology.* New York: Springer; 2013. 196–197 p.
56. Cantor L, Rapuano C. Retina. *Fundamental and Principles of Ophthalmology.* San Fransisco: American Academy of Ophthalmology; 2021. 83–97 p.
57. Kolb H. Photoreceptors. *Anatomy and Physiology retina.* USA: National Library of Medicine; 2012. 1–31 p.
58. Khurana A. Physiology of Vision. *Comprehensive Ophthalmology.* 17th ed. New Delhi: JP Medical; 2018. 15–23 p.
59. Cantor L, Rapuano C. Retinal Pigment Ephilium. *Fundamental and Principles of Opthalmology.* San Fransisco: American Academy of Ophthalmology; 2021. 321–333 p.
60. Yingbin F. Phototransduction in Rods and Cones. USA: National Library of Medicine; 2010. 1–36 p.
61. Eva P, Whitcher J. Ophthalmologic Examination Contrast Sensitivity. *Vaughan & Asbury's General Ophthalmology.* 17th ed. New York: Mc Graw Hill; 2018. 108–109 p.
62. Woods RL, Wood J. The Role of Contrast Sensitivity Charts and Contrast Letter Charts in Clinical Practice. *Clin Exp Optom.* 1995;74(2):43–57.
63. Cantor L, Rapuano C. Contrast Sensitivity. *Clinical Optics.* San Fransisco: American Academy of Ophthalmology; 2021. 134–136 p.
64. Kaufman P, Adler F, Levin L. Contrast Sensitivity. *Adler's Physiology of the Eye.* 11th ed. Elseiver; 2011. 9–21; 627–642 p.
65. Richman J, Spaeth GL, Wirostko B. Contrast sensitivity basics and a critique of currently available tests. *J Cataract Refract Surg.* 2013 Jul;39(7):1100–6.
66. Skalicy S. Contrast Sensitivity. *Ocular and Visual Physiology Clinical Application.* Sydney: Springer; 2015. 285–296 p.
67. Yanoff M, Duker J. COntrast Sensitivity. *Ophthalmology: Expert Consult.* 4th ed. Philadelphia: Elseiver; 2014. 43–45 p.
68. Janaky M. Contrast Sensitivity. *Kanski's Clinical Ophthalmology.* 8th ed. Sydney: Springer; 2016. 83–86 p.
69. Cantor L, Rapuano C. Contrast Sensitivity. *Clinical Optics.* San Fransisco: American Academy of Ophthalmology; 2021. 137–144 p.
70. Tasman W. Glare and Contrast Sensitivity Test. *Duane's Ophthalmology.* Philadelphia: Lippincott Williams & Wilkins; 2012. 617-650;14233-14239 p.
71. John V, Andrew D, Paul G. *The Eye: Basic Sciences in Practice.*

- Philadelphia: Elsevier; 2016. 183–285 p.
72. Schachat AP. Contrast Sensitivity Test. *Ryan's Retina*. 6th ed. Elsevier; 2018. 1004–1009 p.
  73. Cantor L, Rapuano C. Contrast Sensitivity. *Retina and Vitreous*. San Francisco: American Academy of Ophthalmology; 2021. 56–57 p.
  74. Leat SJ, Yadav NK, Irving EL. Development of Visual Acuity and Contrast Sensitivity in Children. *J Optom*. 2009;2(1):19–26.
  75. Cantor L, Rapuano C. *Pediatric Ophthalmology and Strabismus*. San Francisco: American Academy of Ophthalmology; 2021. 11–12 p.
  76. Bagheri A, Givrad S, Yazdani S, Mohebbi MR. Optimal Dosage of Cyclopentolate 1% for Complete Cycloplegia: A Randomized Clinical Trial. *Eur J Ophthalmol*. 2007 May 24;17(3):294–300.
  77. Wadhwa B, Karambelkar VH. Ocular Biometrics: Study of Myopia, Using A - Scan and Keratometer. *Int J Contemp Med Res [IJCMR]*. 2019 Mar;6(3).
  78. Hayden BC, Kelley L, Singh AD. Ophthalmic Ultrasonography: Theoretic and Practical Considerations. *Ultrasound Clin*. 2008 Apr;3(2):179–83.
  79. Mashige KP. A review of corneal diameter, curvature and thickness values and influencing factors\*. *African Vis Eye Heal*. 2013 Dec 12;72(4).
  80. Hashemi H, Khabazkhoob M, Miraftab M, Hassan Emamian M, Shariati M, Tahereh Abdolahi T, et al. Axial Length to Corneal Radius of Curvature Ratio and Refractive Errors. *J Ophthalmic Vis Res*. 2013;8(3):220–6.
  81. Sanz Diez P, Yang L-H, Lu M-X, Wahl S, Ohlendorf A. Growth curves of myopia-related parameters to clinically monitor the refractive development in Chinese schoolchildren. *Graefe's Arch Clin Exp Ophthalmol*. 2019 May 23;257(5):1045–53.
  82. Padang DK. *Gambaran Umum Kota padang* [Internet]. 2021. Available from: <https://padang.go.id/gambaran-umum-kota-padang>
  83. *Kebudayaan. PDDSP dan K (PDSPK) KP dan. Data SMP/MTs Dinas Pendidikan dan Kebudayaan* [Internet]. 2021. Available from: <http://diknas-padang.org/mod.php?mod=sekolah&op=sek&kat=SMP/MTs>
  84. Jong M, Sankaridurg P, Naduvilath TJ, Li W, He M. The Relationship between Progression in Axial Length/Corneal Radius of Curvature Ratio and Spherical Equivalent Refractive Error in Myopia. *Optom Vis Sci*. 2018 Oct;95(10):921–9.
  85. Qayyum S, Wahab Z, Saeed R, Zulfiqar A, Shakeel A, Iqbal I. Comparison of contrast sensitivity in myopic patients using spectacle and contact lens correction. *Pakistan J Med Heal Sci*. 2021 May 30;15(5):951–3.
  86. Tao Z, Deng H, Zhong H, Yu Y, Zhao J, Chen S, et al. A longitudinal study of the effect of ocular biometrics measures on myopia onset. *Graefe's Arch Clin Exp Ophthalmol*. 2021 Apr 17;259(4):999–1008.
  87. Porwal S, Nithyanandam S, Joseph M, Vasnaik A. Correlation of axial length and peripapillary retinal nerve fiber layer thickness measured by Cirrus HD optical coherence tomography in myopes. *Indian J Ophthalmol*. 2020;68(8):1584.
  88. Kang SH, Hong SW, Im SK, Lee SH, Ahn MD. Effect of Myopia on the Thickness of the Retinal Nerve Fiber Layer Measured by Cirrus HD Optical Coherence Tomography. *Investig Ophthalmology Vis Sci*. 2010 Aug 1;51(8):4075.