

## DAFTAR PUSTAKA

1. Depkes RI. Riset Kesehatan Dasar 2013. Jakarta: Kementerian Kesehatan RI; 2013.
2. Bourne RRA, Steinmetz JD, Flaxman S, Briant PS, Taylor HR, Resnikoff S, et al. Trends in prevalence of blindness and distance and near vision impairment over 30 years: An analysis for the Global Burden of Disease Study. *Lancet Glob Heal.* 2021;9(2):130–43. doi: 10.1016/S2214-109X(20)30425-3.
3. Bourne RRA, Steinmetz JD, Saylan M, Mersha AM, Weldemariam AH, Wondmeneh TG, et al. Causes of blindness and vision impairment in 2020 and trends over 30 years, and prevalence of avoidable blindness in relation to VISION 2020: The Right to Sight: An analysis for the Global Burden of Disease Study. *Lancet Glob Heal.* 2021;9(2):144–60. 10.1016/S2214-109X(20)30489-7.
4. WHO. Blindness and vision impairment prevention. 2019. Diakses dari: <https://www.who.int/news-room/fact-sheets/detail/blindness-and-visual-impairment>. Diakses pada tanggal 4 Oktober 2021
5. Ilyas S. ilmu penyakit mata. 5th ed. Jakarta: balai penerbit FKUI; 2017. 210–220.
6. Harper, R.A., Shock J. lens. 19th ed. vaughan asbury general ophtalmology; 2018. 389–415.
7. Nieves-Moreno M, Asorey-García A, Santos-Bueso E, García-Sánchez J. Historia de la cirugía de cataratas (II): desde la extracción del cristalino hasta la facoemulsificación. *Arch Soc Esp Oftalmol.* 2015;90(3):22–4. doi: 10.1016/j.oftal.2014.04.022.
8. Astari P. Katarak: Klasifikasi, Tatalaksana, dan Komplikasi Operasi. *Astari, Prilly.* 2018;45(10):748–53.
9. Thylefors B, Chylack LT, Konyama K, Sasaki K, Sperduto R, Taylor HR, et al. A simplified cataract grading system. Vol. 9, *Ophthalmic Epidemiology.* 2002;83–95. doi: 10.1076/oep.9.2.83.1523.
10. Williamson TH, Strong NP, Sparrow J, Aggarwal RK, Harrad R. Contrast sensitivity and glare in cataract using the Pelli-Robson chart. 1992;719–22.
11. Drs. Paul L. Kaufman, Albert Alm, Leonard A Levin, Siv F. E. Nilsson, James Ver Hoeve and SW. *Physiology of the Eye.* 11th ed. Elsevier Inc.; 2011.
12. Beck RW, Ruchman MC, Savino PJ, Schatz NJ. Contrast sensitivity measurements in acute and resolved optic neuritis. *Br J Ophthalmol.*

1984;68(10):756–9. doi: 10.1111/j.1444-0938.1995.tb00787.x

13. Owsley C. Contrast sensitivity. *Ophthalmol Clin North Am.* 2003;16(2):171–7. doi: 10.1016/S0896-1549(03)00003-8
14. Skalicky SE. *Ocular and Visual Physiology.* Ocular and Visual Physiology. 2016. doi: 10.1007/978-981-287-846-5
15. Ginsburg AP. Contrast sensitivity: Determining the visual quality and function of cataract, intraocular lenses and refractive surgery. *Curr Opin Ophthalmol.* 2006;17(1):19–26. doi: 10.1097/01.icu.0000192520.48411.fa
16. Gupta L, Cvintal V, Delvadia R, Sun Y, Erdem E, Zangalli C, et al. SPARCS and Pelli-Robson contrast sensitivity testing in normal controls and patients with cataract. *Eye.* 2017;31(5):753–61. doi: 10.1038/eye.2016.319
17. Alamri M, Alsammahi A, Alharbi M, Alshammari H, Alshehri M, Saeedi I, et al. Pathophysiology of cataracts. *Int J Community Med Public Heal.* 2018;5(9):3668. doi: 10.18203/2394-6040.ijcmph20183382
18. Suhardjo, Hartono. *Buku Ilmu Kesehatan Mata.* 1st ed. Yogyakarta: Bagian Ilmu Penyakit Mata Fakultas Kedokteran UGM; 2007.
19. Prokofyeva E, Wegener A, Zrenner E. Cataract prevalence and prevention in Europe: A literature review. *Acta Ophthalmol.* 2013;91(5):395–405. doi: 10.1111/j.1755-3768.2012.02444.x.
20. Liu YC, Wilkins M, Kim T, Malyugin B, Mehta JS. Cataracts. *Lancet.* 2017;390(10094):600–12. doi: 10.1016/S0140-6736(17)30544-5
21. Lee CM, Afshari NA. The global state of cataract blindness. *Curr Opin Ophthalmol.* 2017;28(1):98–103. doi: 10.1097/ICU.0000000000000340
22. Kementerian Kesehatan Republik Indonesia. *Peta Jalan Penanggulangan gangguan penglihatan di Indonesia Tahun 2017-2030.* 2019:1–38.
23. Karpecki PM. *Kanski's Clinical Ophthalmology.* Vol. 92, Optometry and Vision Science. 2015:386. doi: 10.1097/opx.0000000000000737
24. Asbell PA, Dualan I, Mindel J, Brocks D, Ahmad M, Epstein S. Age-related cataract. *Lancet.* 2005;365(9459):599–609. doi: 10.1016/S0140-6736(05)70803-5
25. Buratto L, Apple D. *Phacoemulsification : Principles and techniques.* Second Edi. United States : SLACK Incorporated; 2003:2–3.
26. Mo'otapu, A., Rompas, S., & Bawotong. Faktor-Faktor yang Berhubungan dengan Kejadian Penyakit Katarak di Poli Mata RSUP Prof. Dr. R. D Kandou Manado. *eJournal Keperawatan (e-Kp),* 3 1-6 Nash,E 2013 *Cataract Sage Journal.,* 2015;6(9):555– 562.

27. Aini AN, Santik YDP. Kejadian Katarak Senilis di RSUD Tugurejo. *HIGEIA (Journal Public Heal Res Dev)*. 2018;2(2):295–306. doi: `0.15294/higea.v2i2.20639.
28. Abdelkader H, Alany RG, Pierscionek B. Age-related cataract and drug therapy: Opportunities and challenges for topical antioxidant delivery to the lens. *J Pharm Pharmacol*. 2015;67(4):537–50. doi: 10.1111/jphp.12355
29. Riordan-Eva P, Augsburger JJ, Vaughan & Asbury's General Ophthalmology. 19th ed. New York: McGraw-Hill Education; 2017:35–550.
30. Sihota R, Tandon R. *Parsons' Diseases of the Eye*. 23rd ed. Journal of Chemical Information and Modeling. Elsevier; 2019. 636.
31. Nartey A. The Pathophysiology of Cataract and Major Interventions to Retarding Its Progression: A Mini Review. *Adv Ophthalmol Vis Syst*. 2017;6(3):76–8. doi: 10.15406/aovs.2017.06.00178.
32. Cantor LB, Rapuano CJ CG. lens and cataract. *Am Acad Ophthalmol Staff*. 2019;11:9–13.
33. Davis G. The Evolution of Cataract Surgery. *Mo Med*. 2016;113(1):58–62. doi: 10.1097/apo.0b013e31829df4bf.
34. Al-Hashimi S, Donaldson K, Davidson R, Dhaliwal D, Jackson M, Kieval JZ, et al. Medical and surgical management of the small pupil during cataract surgery. *J Cataract Refract Surg*. 2018;44(8):1032–41. doi: 10.1016/j.jcrs.2018.02.027
35. Hardiani RD, Eryando T. Tarif Pelayanan Pembedahan Katarak Pasien Jaminan Kesehatan Nasional dengan Teknik Fakoemulsifikasi dan Small Incision Cataract Surgery. *J Penelit dan Pengemb Pelayanan Kesehat*. 2020;3(3):193–202. doi: 10.22435/jpppk.v3i3.2659
36. Kongsap P. Central corneal thickness changes following manual small incision cataract surgery versus phacoemulsification for white cataract. *Rom J Ophthalmol*. 2019;63(1):61–7. doi: 10.22336/rjo.2019.10
37. Kemenkes RI. *Katarak*. Jakarta: Kementerian Kesehatan RI; 2017.
38. Renu J. *Basic Ophthalmology*. 4th ed. Jaypee Brothers Medical Publishers (P) Ltd; 2009:205–245.
39. Amesbury EC, Schallhorn SC. Contrast sensitivity and limits of vision. *Int Ophthalmol Clin*. 2003;43(2):31–42. doi: 10.1097/00004397-200343020-00006.
40. Richman J, Spaeth GL, Wirostko B. Contrast sensitivity basics and a critique of currently available tests. *J Cataract Refract Surg*. 2013;39(7):1100–6. doi: 10.1016/j.jcrs.2013.05.001

41. Zimmerman AB, Lust KL, Bullimore MA. Visual acuity and contrast sensitivity testing for sports vision. *Eye Contact Lens*. 2011;37(3):153–9. doi: 10.1097/ICL.0b013e31820d12f4
42. Mäntyjärvi M, Laitinen T. Normal values for the Pelli-Robson contrast sensitivity test. *J Cataract Refract Surg*. 2001;27(2):261–6. doi: 10.1016/S0886-3350(00)00562-9.
43. Vasavada VA, Praveen MR, Vasavada AR, Shah SK, Trivedi RH. Contrast sensitivity assessment in pediatric cataract surgery: Comparison of preoperative and early postoperative outcomes. *J Cataract Refract Surg*. 2014;40(11):1862–7. doi: 10.1016/j.jcrs.2014.02.041
44. Miller NR, Newman NJ, Kerrison JB, Aminoff MJ, Daroff RB. Walsh & Hoyt 's Clinical Encyclopedia of the Neurological Sciences Current Therapy in Neurologic Disease , 6th Edition The Oculomotor and Vestibular Systems : Their Function and Disorders. 2005.
45. Lasa MSM, Datiles MB, Podgor MJ, Magno B V. Contrast and Glare Sensitivity: Association with the Type and Severity of the Cataract. *Ophthalmology*. 1992;99(7):1045–9. doi: 10.1016/S0161-6420(92)31852-4
46. Wood JM, Carberry TP. Bilateral cataract surgery and driving performance. *Br J Ophthalmol*. 2006;90(10):1277–80. doi: 10.1136/bjo.2006.096057
47. Superstein R, Boyaner D, Overbury O, Collin C. Glare disability and contrast sensitivity before and after cataract surgery. *J Cataract Refract Surg*. 1997;23(2):248–53. doi: 10.1016/S0886-3350(97)80349-5
48. Denoyer A, Le Lez ML, Majzoub S, Pisella PJ. Quality of vision after cataract surgery after Tecnis Z9000 intraocular lens implantation. Effect of contrast sensitivity and wavefront aberration improvements on the quality of daily vision. *J Cataract Refract Surg*. 2007;33(2):210–6. doi: 10.1016/j.jcrs.2006.10.035
49. Bambang Sukoco, Sri Irmandha.K MK. Karakteristik Faktor Risiko Penyakit Katarak Senilis Pasien Rawat Jalan di RSIS Makassar Bambang. *Wal'afiat Hosp J*. 2020;1(2):14–22.
50. Sonowal SK, Kuli JJ, Gogoi G. A Study of Prevalence and Risk Factors of Senile Cataract in Tea Garden Community in Dibrugarh District, Assam, India. *Int J Sci Res*. 2016;5(3):388–98. doi: 10.21275/v5i3.nov161853
51. Van Den Berg TJTP, Van Rijn LJ (René.), Michael R, Heine C, Coeckelbergh T, Nischler C, et al. Straylight Effects with Aging and Lens Extraction. *Am J Ophthalmol*. 2007;144(3). doi: 10.1016/j.ajo.2007.05.037
52. Tri Furqanawanti. Gambaran Faktor Risiko Pasien Katarak Senilis di RSUP dr. M. Djamil Padang pada Periode 2016-2017. 2018;151(2):10–7.

53. Puspandari ED, Masduki I. Faktor Risiko Kejadian Katarak di Desa Brajan Kabupaten Bantul Yogyakarta. 2016.
54. Zetterberg M, Celojovic D. Gender and cataract-The role of estrogen. *Curr Eye Res.* 2015;40(2):176–90. doi: 10.3109/02713683.2014.898774.
55. Suryathi NMA. Karakteristik dan perbedaan hasil retinometri prabedah dan pasca bedah katarak pada penderita katarak senilis di rsup sanglah Denpasar. 2016.
56. Theodoropoulou S, Theodossiadis P, Vergados I, Lagiou P. The epidemiology of cataract: a study in Greece. 2011;167–73. doi: 10.1111/j.1755-3768.2009.01831.x
57. Tang Y, Wang X, Wang J, Huang W, Gao Y, Luo Y, et al. Prevalence of age-related cataract and cataract surgery in a chinese adult population: The taizhou eye study. *Investig Ophthalmol Vis Sci.* 2016;57(3):1193–200. doi: 10.1167/iovs.15-18380
58. Zhang JS, Xu L, Wang YX, You QS, Wang J Da, Jonas JB. Five-year incidence of age-related cataract and cataract surgery in the adult population of greater Beijing: the Beijing Eye Study. *Ophthalmology.* 2011 Apr;118(4):711–8. doi: 10.1016/j.optha.2010.08.021
59. Sia DIT, Martin S, Wittert G, Casson RJ. Age-related change in contrast sensitivity among Australian male adults: Florey Adult Male Ageing Study. *Acta Ophthalmol.* 2013;91(4):312–7. doi: 10.1111/j.1755-3768.2011.02379.x
60. Brown NAP. The morphology of cataract and visual performance. *Eye.* 1993;7(1):63–7.
61. Stifter E, Sacu S, Thaler A, Weghaupt H. Contrast acuity in cataracts of different morphology and association to self-reported visual function. *Investig Ophthalmol Vis Sci.* 2006;47(12):5412–22. doi: 10.1167/iovs.05-1564
62. Shandiz JH, Derakhshan A, Daneshyar A, Azimi A, Moghaddam OH, Yekta AA, et al. Effect of cataract type and severity on visual acuity and contrast sensitivity. *J Ophthalmic Vis Res.* 2011;6(1):26–31.
63. Elliott DB, Gilchrist J, Whitaker D. Contrast sensitivity and glare sensitivity changes with three types of cataract morphology: are these techniques necessary in a clinical evaluation of cataract? *Ophthalmic Physiol Opt.* 1989;9(1):25–30. doi: 10.1111/j.1475-1313.1989.tb00800.x
64. Elliott DB, Situ P. Visual acuity versus letter contrast sensitivity in early cataract. *Vision Res.* 1998;38(13):2047–52. doi: 10.1016/S0042-6989(97)00382-9.

65. Fraser ML, Meuleners LB, Lee AH, Ng JQ, Morlet N. Vision , quality of life and depressive symptoms after first eye cataract surgery. 2013;237–43. doi: 10.1111/psyg.12028
66. Nabh R, Ram J, Pandav SS, Gupta A. Visual performance and contrast sensitivity after phacoemulsification with implantation of aspheric foldable intraocular lenses. *J Cataract Refract Surg.* 2009;35(2):347–53. doi: 10.1016/j.jcrs.2008.10.043
67. Leibovitch I, Lai T, Porter N, Pietris G, Newland H, Selva D. Visual outcomes with the yellow intraocular lens. *Acta Ophthalmol Scand.* 2006;84(1):95–9. doi: 10.1111/j.1600-0420.2005.00607.x
68. Nguda H, Sulistya TB, Prayitnaningsih S. Perbandingan Sensitivitas Kontras antara Lensa Tanam Asferik dan Sferik Post Fakoemulsifikasi Comparison of Aspheric and Spherical Intra Ocular Lenses Contrast Sensitivity Post Phacoemulsification. 28(1):44–8.
69. Rubin GS, Adamsons IA, Stark WJ. Comparison of Acuity, Contrast Sensitivity, and Disability Glare Before and After Cataract Surgery. *Arch Ophthalmol.* 1993;111(1):56–61. doi: 10.1001/archophth.1993.01090010060027
70. Samuel Kyei, Bio Kwadwo Amponsah, KoFI Asiedu YOA. Visual function, spectacle independence, and patients' satisfaction after cataract surgery- a study in the Central Region of Ghana. *Afr Health Sci.* 2021;21(1).
71. Suzuki H, Takahashi H, Hori J, Hiraoka M, Igarashi T, Shiwa T. Phacoemulsification Associated Corneal Damage Evaluated by Corneal Volume. *Am J Ophthalmol.* 2006;142(3):525–8.
72. Hirvela H, Koskela P, Laatikainen L. sensitivity in the elderly I : j '. 1995;
73. Woods RL, Wood JM. The role of contrast sensitivity charts and contrast letter charts in clinical practice. *Clin Exp Optom.* 1995;78(2):43–57. doi: 10.1111/j.1444-0938.1995.tb00787.x