

DAFTAR PUSTAKA

- Akman A, Atilla B, Nouri M. (2018). Chapter 2 optical coherence tomography:basics and technical aspect. Optical Coherence Tomography in Glaucoma.
- Ahn HC, Son HW, Kim JS, Lee JH. (2005). Quantitative analysis of retina nerve fiber layer thickness of normal children and adolescents. Korean J Ophthalmol 2005;19: 195-200.
- Anderson, A. J., Chaurasia, A. K., Sharma, A., Gupta, A., Gupta, S., Khanna, A., & Gupta, V. (2019). Comparison of Rates of Fast and Catastrophic Visual Field Loss in Three Glaucoma Subtypes. Investigative Ophthalmology & Visual Science, 60(1), 161. doi:10.1167/iovs.18-2539.
- Alasil T, Wang K, Keane PA, Lee H, Baniasadi N, de Boer JF, Chen TC. (2013). Analysis of Normal RNFL Thickness by Age, Sex, and Race Using SD-OCT. Glaucoma.532-41.
- Artini, Widya. (2017). Ketebalan Lapisan Serabut Saraf dan Sel Ganglion Retina pada Pasien dengan Bilik Mata Depan Sudut Tertutup Primer. Departemen Ilmu Kesehatan Mata FK Universitas Indonesia-RSUPN Dr. Cipto Mangunkusumo. DOI: 10.23886/ejki.5.7463.6-11
- Barton J, Benatar M. (2003). Field of Vision Manual Atlas of Perimetry. New Jersey First Edition. Humania Press Totowa.
- Bengtsson B, Leske MC, Hyman L, Heijl A. (2007). Fluctuation of intraocular pressure and glaucoma progression in the early manifest glaucoma trial. Ophthalmology.;114(2):205-9. <https://doi.org/10.1016/j.ophtha.2006.07.060>.
- Boland, M. V., Zhang, L., Broman, A. T., Jampel, H. D., & Quigley, H. A. (2008). Comparison of Optic Nerve Head Topography and Visual Field in Eyes with Open-angle and Angle-closure Glaucoma. Ophthalmology, 115(2), 239–245.e2. doi:10.1016/j.ophtha.2007.03.086.
- Bowd C. (2007). Optical coherence tomography for clinical detection and monitoring of glaucoma. BJO.91(7):853–4. <https://doi.org/10.1136/bjo.2006.113100>.

- Brancato R, Lumbaroso B. (2004). Guide to optical coherence tomography interpretation. Rome:Innovation-News Communication.
- Brusini P. (2017). OCT Glaucoma Staging System: a new method for retinal nerve fiber layer damage classification using spectral-domain OCT. Department of Ophthalmology.
- Budenz DL, Anderson DR, Varma R, Schuman J, Cantor L, Savell J, et all. (2007). Determinants of normal retinal nerve fiber layer thickness measured by stratus oct. *Ophthalmology*.114(6):1046–52. <https://doi.org/10.1016/j.ophtha.2006.08.046>
- Chema A. (2015). Spectral Domain Optical Coherence Tomography in Glaucoma (internet). Eyewiki. Available from:<http://eyewiki.aao.org>
- Cheung, C. Y., Ling Li, S., Chan, N., Chan, P. P., Wang, Y., Wong, M., ... Tham, C. C. (2021). Intraocular Pressure Control Predicts Retinal Nerve Fiber Layer Thinning in Primary Angle Closure Disease: The CUPAL Study. *American Journal of Ophthalmology*. doi:10.1016/j.ajo.2021.08.004
- Diniz-Filho, A., Abe, R. Y., Zangwill, L. M., Gracitelli, C. P. B., Weinreb, R. N., Girkin, C. A., Medeiros, F. A. (2016). *Association between Intraocular Pressure and Rates of Retinal Nerve Fiber Layer Loss Measured by Optical Coherence Tomography*. *Ophthalmology*,123(10),2058–2065.
doi:10.1016/j.ophtha.2016.07.006
- Dizayang Ferzieza, Hasmeinah dan Mitayani. (2020). Karakteristik Penderita Glaukoma di Rumah Sakit Muhammadiyah Palembang Periode Januari 2017-April 2018. *Jurnal Ilmiah Kesehatan (Journal of Health Sciences)*, Vol. 13, No. 1, Februari 2020, Hal. 66-73.
- El-Naby AE, Abouelkheir HY, Al-Sharkawy HT, Mokbel TH. (2018). Correlation of retinal nerve fiber layer thickness and perimetric changes in primary open-angle glaucoma. *J Egypt Ophthalmol Soc* 111:7-14
- Feuer WJ, Budenz DL, Anderson DR, Cantor L, Greenfield DS, Savell J, Schuman JS, Varma R. (2001).Topographic Difference In The Age-Related Changes in The Retinal Nerve Fiber Layerof Normal Eyes Measured by Status Optical Coherence Tomography. *J Glaucoma*. 2001 Mar;20(3): 133-138

- Greenfield D. S. (2002). Optic nerve and retinal nerve fiber layer analyzers in glaucoma. *Current Opinion in Ophthalmology*. 13(2):68–76. <https://doi.org/10.1097/00055735-200204000-00003>
- Gordon MO. (2002). The ocular hypertension treatment study. *Archives of Ophthalmology*. 120 (6) : 714. <https://doi.org/10.1001/archophth.120.6.714>
- Goukon H , Hirasawa K, Kasahara M, Matsumura K, Shoji N. (2019). Comparison of Humphrey Field Analyzer and imo visual field test results in patients with glaucoma and pseudo-fixation loss. *Ophthalmology*.
- Guedes G, Tsai J, & Loewen N. 2011. Glaucoma and Aging. *Current Aging Science*, 4(2): 110-117.
- Henderson APD, Altmann DR, Trip AS, Kallis C, Jones SJ, Schlottmann PG, et all. (2010). A serial study of retinal changes following optic neuritis with sample size estimates for acute neuroprotection trialsbrain.PubMed. 133(9):2592-602. <https://doi.org/10.1093/brain/awq146>
- Ichhpujani P. (2013). Glaucoma: Basic and Clinical Perspective. India: Furute Medicine.
- Jammal, A. A., Berchuck, S. I., Thompson, A. C., Costa, V. P., & Medeiros, F. A. (2020). The Effect of Age on Increasing Susceptibility to Retinal Nerve Fiber Layer Loss in Glaucoma. *Investigative Ophthalmology & Visual Science*, 61(13), 8. doi:10.1167/iovs.61.13.8
- Jeoung JW, Kim TW, Weinreb RN, Kim SH, Park KH, Kim DM. (2014). Diagnostic ability of spectral-domain versus time-domain optical coherence tomography in preperimetric glaucoma. *Journal of Glaucoma*. 223(5):299–06. <https://doi.org/10.1097/jtg.0b013e3182741cc4>
- Johnson AC, Wall M. (2011). Chapter 35: the visual field in adlers physiology of the eye expert consult. Elsevier.
- Jonas JB, Fernandez MC, Sturmer J. (1993) Pattern of glaucomatous neuroretinal rim loss. *Ophthalmology*. 1993;100(1):63-68.
- Kahook MD, Malik Y, Robert J, Noecker MD. How Do You (2007). Interpreta 24-2 Humphrey Visual Field Print out (internet). Glaucoma Today. Available from:<http://glaucomatoday.com>

- Kanamori A. (2008). Regional relationship between retinal nerve fiber layer thickness and corresponding visual field sensitivity in glaucomatous eyes. *Archives of Ophthalmology*. 126(11):1500. <https://doi/10.1001/archopht.126.11.1500>
- Kass MA, Heuer DK, Higginbotham EJ, Johnson CA, Kelt-ner JL, Miller JP, et all. (2002). The Ocular Hypertension Treatment Study: A randomized trial determines that topical ocular hypotensive medication delays or prevents the onset of primary open-angle glaucoma. *Arch Ophthalmol*. 120:701-13
- Kaushik S, Gyatsho J, Jain R, Pandav SS, Gupta A. (2006). Correlation between retinal nerve fiber layer thickness and central corneal thickness in patients with ocular hypertension: an optical coherence tomography study. *American Journal of Ophthalmology*. 141(5):88490.<https://doi.org/10.1016/j.ajo.2005.12.026>
- Kementerian Kesehatan Republik Indonesia. (2006). Gangguan penglihatan masih menjadi masalah kesehatan (internet). Kemkes. Available from: <https://www.kemkes.go.id/article/view/845/gangguan-penglihatan-masih-menjadi-masalah-kesehatan>.
- Kenan Dagdelen, Emrah Dirican. (2018). The assessment of structural changes on optic nerve head and macula in primary open angle glaucoma and ocular hypertension. (2018). *International Journal of Ophthalmology*. doi:10.18240/ijo.2018.10.09
- Kim WJ, Kyoung NK, Jae YS, Jung YK, Chang-sik K. (2019). Relationship between preoperative high intraocular pressure and retinal nerve fiber layer thinning after glaucoma surgery. *Scientific Reports*. (1): 3901. <https://doi.org/10.1038/s41598-019-50406-7>
- Kuehn, M, Fingert J, Kwon Y. (2005). Retinal ganglion cell death in glaucoma: mechanisms and neuroprotective strategies. *Ophthalmology Clinics of North America*, 2005; 18(3):383–95. <https://doi.org/10.1016/j.ohc.04.002>
- Leitgeb R, Wojtkowski M, Kowalczyk A, Hitzenberger CK, Sticker M, Fercher AF. (2000). Spectral measurement of absorption by spectroscopic frequency-domain optical coherence tomography. *Opt Lett*. 25:820–2
- Leite MT, Zangwill LM, Weinreb RN, Rao HL, Alencar LM, Medeiros, FA. (2012). Structure-function relationships using the cirrus spectral domain optical coherence tomograph and standard automated perimetry. *Journal of Glaucoma*. 21(1):49–54. <https://doi.org/10.1097/jtg.0b013e31822af27>

- Leske MC, Heijl A, Hyman L, Bengtsson B, Dong L, Yang Z, et all. (2007). Predictors of long-term progression in the early manifest glaucoma trial. Pub-Med of Ophthalmology.114:1965–72
- Levin L. .(2005). Pathophysiology of the progressive optic neuropathy of glaucoma. Ophthalmology Clinics of North America. 2005;18(3):355–64.
<https://doi/10.1016/j.ohc.05.010>
- Lim MC, Doe EA, Vroman DT, Rosa RH, Parrish RK. (2001). Late onset lens particle glaucoma as a consequence of spontaneous dislocation of an intraocular lens in pseudoexfoliation syndrome. American Journal of Ophthalmology. 132(2):261–63.
[https://doi/10.1016/s0002-9394\(01\)00825-x](https://doi/10.1016/s0002-9394(01)00825-x)
- Lisboa R, Leite MT, Zangwill LM, Tafreshi A, Weinreb RN, Medeiros, FA. (2012). Diagnosing preperimetric glaucoma with spectral domain optical coherence tomography. Ophthalmology. 2012;119(11):2261–69.
<https://doi/10.1016/j.ophtha.06.009>
- Liu X, Zhong YM, Xiao H, Huang JJ, Kong XY. (2011). The damage patterns of retinal nerve fiber layer in acute and chronic intraocular pressure elevation in primary angle closure glaucoma. Eye Sci. ;26(3):154–60. <http://dx.doi.org/10.3969/j.issn.1000-4432.2011.03.006>.
- Louis B, Cantor MD, Christopher J, Rapuano MD, Colin A, McCannel. (2020). American academy of ophthalmology sec 10 Glaucoma. Chapter 3 Clinical Evaluation.
- Lumbaroso B, Rispoli M. 2009. Guide to Interpretation Spectral Domain Optical Coherence Tomography. Innovation-News Communication: Dublin.
- Lutaka, Natalia AMD, Rubens A, Grochowski MD, Niro KMD. (2017). Correlation between visual field index and other functional and structural measures in glaucoma patients and suspects. Journal of ophthalmicand Vision research;Vol.1.
- Manassakorn, A., & Aupapong, S. (2011). Retinal nerve fiber layer defect patterns in primary angle-closure and open-angle glaucoma: A comparison using optical coherence tomography. Japanese Journal of Ophthalmology, 55(1), 28–34. doi:10.1007/s10384-010-0898-6.

Maresco JG, Gandham S. (2002). Anatomy, physiology and pathophysiology. Handbook of glaucoma:UK.

Martin, Andrei P, Joseph Anthony Tumbocon, Noel Atienza. (2014). Correlation Between Average Retinal Nerve Fiber Layer Thickness and Rim Area of the Spectral-Domain OCT with the Humphrey Visual Field Index in Eyes with Glaucoma. International Eye Institute, St. Luke's Medical Center, Quezon City, 1102, Philippines. Philippine Academy of Ophthalmology.

Medeiros FA, Alencar LM, Zangwill LM, Sample PA, Weinreb RN. (2009). The Relationship between Intraocular Pressure and Progressive Retinal Nerve Fiber Layer Loss in Glaucoma. *Ophthalmology*, 116(6):1125–33. <https://doi.org/10.1016/j.ophtha.2008.12.062>.

Medeiros FA, Zangwill LM, Bowd C, Mansouri K, Weinreb RN. (2012) . The structure and function relationship in glaucoma: implications for detection of progression and measurement of rates of change. *Investigative Ophthalmology & Visual Science*. 53(11):6939. <https://doi.org/10.1167/iovs.12-10345>.

Natalia Ivanovna Kurysheva, Lyudmila Vyacheslavovna Lepeshkina. (2021). Detection of Primary Angle Closure Glaucoma Progression by Optical Coherence Tomography. *Journal of Glaucoma* (IF2.503), Pub Date : 2021-03-05, DOI: 10.1097/ijg.0000000000001829.

Prada D. (2016) . Anatomy and vascular supply of the optic nerve head ONH. Purdue University Graduate Schoolthesis/ Dissertation Acceptance.

Pusvitasisari LW & Triningrat AAMP. 2018. Profil pasien glaukoma di Poliklinik Mata Rumah Sakit Indera Provinsi Bali Periode Januari 2014-Juni 2015. E-Jurnal Medika Udayana, 7(4):189-193.

Quigley, H. A., Nickells, R. W., Kerrigan, L. A., Pease, M. E., Thibault, D. J., & Zack, D. J. (1995). Retinal ganglion cell death in experimental glaucoma and after axotomy occurs by apoptosis. *Investigative Ophthalmology and Visual Science*, 36(5), 774–786.

Rao HL, Babu JG, Addepalli UK, Senthil S, Garudadri CS. (2011). Retinal nerve fiber layer and macular inner retina measurements by spectral domain optical coherence tomograph in Indian eyes with early glaucoma. *Eye* Lond. 26(1):133–9. <https://doi.org/10.1038/eye.2011.277>.

Rayungsista, Awina. (2018). Characteristics Of Primary Glaucoma In Eye Outpatient Clinic Of Ra Basoeni Hospital, Mojokerto, INDONESIA. Fol Med Indones, Vol. 54 No. 3 September 2018 : 172-178 Available at <https://e-journal.unair.ac.id/FMI/>

Riordan-Eva P, Witcher JP. Vaughan & Asbury's. (2008) . General Ophtalmology,17th Edition. New York: McGraw-Hill Companies; Salmon JF, Kanski JJ. Glaucoma. A Colour Manual of Diagnosis and Treatment. Third Edition. Butterworth-Heinemann. Edinburgh; 2004.

Schuman JS. (1995). Quantification of nerve fiber layer thickness in normal and glaucomatous eyes using optical coherence tomography.AOO.113(5)586. <https://doi.org/10.1001/archopht.1995.01100050054031>.

Shuba ML, Young HK. (2011). Chapter 196: glaucomatous visual field loss. Alberts and jacobiec's. Principles and practice of oji t,sato h, ishida m, takeuchi m, chihara e.assessment of glaucomatous changes in subjects with high myopia using spectral domain optical coherence tomography. Investig Ophthalmol VisSci. 2011;52(2):1098–10.

Sit AJ, Pruet CM. (2016).Personalizing intraocular pressure: target intraocular pressure in the setting of 24-hour intraocular pressure monitoring. Asia-Pasific Journal of Ophthalmology. 5(1).

Sony P, Sihota R, Tewari HK, Venkatesh P, Singh R. (2004).Quantifications of the retinal nerve fiber layer thickness in normal Indian eyes with optical coherence tomography. Indian J Ophthalmol 2004;52: 303-9.

Stamper RL, Lieberman MF, Drake MV. (2009). Optic Nerve Anatomy And Pathophysiology. In Becker-Saeffer's Diagnosis and Therapy of The Glaucomas, 8th edition, Part 3, Chapter. 12:143-150.

Sunarto, Edi. (2018). Karakteristik Pasien Glaukoma Di Rumah Sakit Umum Pusat Haji Adam Malik Medan Tahun 2016-2017. <http://repository.usu.ac.id/handle/123456789/14953>

Sung KR, Kim DY, Park SB, Kook MS. (2009). Comparison of retinal nerve fiber layer thickness measured by cirrus hd and stratus optical coherence tomography. Ophthalmology. 116(7):1264–70.e1. <https://doi.org/10.1016/j.ophtha.2008.12.045>.

- Tenkumo K, Hirooka K, Baba T, Nitta E, Sato S, Shiraga F. (2013). Evaluation of relationship between retinal nerve fiber layer thickness progression and visual field progression in patients with glaucoma. Japanese Journal of Ophthalmology. 57(5), 451–456. <https://doi.org/10.1007/s10384-013-0254-8>
- Tham YC, Li X, Wong TY, Quigley HA, Aung T, Cheng CY. (2014). Global Prevalence of Glaucoma and Projections of Glaucoma Burden through 2040. Ophthalmology. 121(11):2081-90.
- Tsai JC, Lin PW, Teng MC, Lai IC. (2007). Longitudinal changes in retinal nerve fiber layer thickness after acute primary angle closure measured with optical coherence tomography. Invest Ophthalmol Vis Sci.;48(4):1659–64. <http://dx.doi.org/10.1167/iovs.06-0950>.
- Vajaranant T & Pasquale L. 2012. Estrogen Deficiency Accelerates Aging of The Optic Nerve. Menopause, 19(8): 942-947.
- Vizzeri Gi, Sara MK, Harsha LR, Linda MZ. (2011). Role of imaging in glaucoma diagnosis and follow-up. Indian J Ophthalmol. 59-68.
- Vrabec JP, Levin LA. (2007). The neurobiology of cell death in glaucoma. Eye. 21(S1):S11–S14. <https://doi.org/10.1038/sj.eye.6702880>.
- Weinreb, Robert N, david S. Friedman, et all. (2004). Risk Assessment in the Management of Patients with ocular Hypertension. American journalofophthalmology.(2004).<https://doi.org/10.1016/j.ajo.054>.
- Wollstein, G., Kagemann, L., Bilonick, R. A., Ishikawa, H., Folio, L. S., Gabriele, M. L., ... Schuman, J. S. (2011). Retinal nerve fibre layer and visual function loss in glaucoma: the tipping point. British Journal of Ophthalmology, 96(1), 47–52. doi:10.1136/bjo.2010.196907
- World Health Organization. 2012. Global Data on Visual Impairments 2010. Switzerland: World Health Organization.
- Wu H, de Boer JF, Chen L, Chen TC. (2015). Correlation of localized glaucomatous visual field defects and spectral domain OCT retinal nerve fiber layer thinning using a modified structure–function map for OCT. Eye. 2015;29(4):525–533. <https://doi.org/10.1038/eye.2014.317>.

Yesi dan Muhammad. (2017). Karakteristik Pasien Glaukoma Berdasarkan Faktor Intrinsik Di Rumah Sakit Pertamina Bintang Amin Bandar Lampung. Jurnal Ilmu Kedokteran Dan Kesehatan, Volume 4, Nomor 2, April 2017.

Yildiz A. (2018). OCT in Glaucoma Diagnosis, Detection and Screening. OCT - Applications in Ophthalmology. <https://doi.org/10.5772/intechopen.78683>

Yoles E, Wheeler LA, Schwartz M. (2002). Alpha2-adrenoreceptor agonists are neuroprotective in a rat model of optic nerve degeneration. Vision Res ; 42: 2333.

Yucel Y. (2003). Effect of retinal ganglion cell loss on magno-, pravo-, konio cellular pathways in the lateral geniculate nucleus and visual cortex in glaucoma. Progress in Retinal and Eye Research. 2003; 22(4):465-81. [https://doi.org/10.1016.s1350-9462\(03\)00026-0](https://doi.org/10.1016.s1350-9462(03)00026-0).

Zeiss. (2015).Cirrus HD-OCT: How to read the Cirrus reports Cirrus HD-OCT RNFL and ONH Analysis Report.