

## DAFTAR PUSTAKA

1. Rapuano CJ, Stout JT, McCannel CA. Introduction to Glaucoma: Terminology, Epidemiology and Genetics. *Glaucoma. Basic and Clinical Science Course 2020-2021.* San Fransisco: American Academy of Ophthalmology. 2020; p.3-13.
2. Allison K, Patel D, Alabi O. Epidemiology of Glaucoma: the Past, Present, and Predictions for the Future. *Cureus* 12(11). 2020; p. 1-9.
3. Tham YC, Li X, Wong TY, et al. Global prevalence of glaucoma and projections of glaucoma burden through 2040: A Systematic review and meta-analysis. *American Academy of Ophthalmology.* Elsevier. 2014; p. 2081-90.
4. Zhang N, Wang J, Li Y. Prevalence of primary open angle glaucoma in the last 20 years: a meta-analysis and systematic review. *Nature Portfolio Scientific Reports.* 2021; p. 1-12.
5. Ahmad A, Ahmad SZ, Khalique N, et al. Prevalence and Associated Risk Factors of Glaucoma in Aligarh, India-A population based study. *Delhi Journal of Ophthalmology.* 2020; p. 36-40.
6. Rosman M, Zheng Y, Lamoureux E, et al. Review of key findings from the Singapore Malay Eye Study (SiMES-1). *Singapore medical Journal.* 2012; p. 82-87.
7. Al-Naggar RA, Alshaikhli H, Al--Rashidi R. Glaucoma among the Malaysian Community. *Hindawi The Scientific World Journal.* 2020; p. 1-7.
8. Corbett M, et al. Assessment of Corneal shape. *Corneal Topography Second Edition.* Switzerland: Springer. 2019; p. 1-15.
9. Rapuano CJ, Stout JT, McCannel CA. Examination Techniques for the External eye and Cornea. *External Disease and Cornea. Basic and Clinical Science Course 2020-2021.* San Fransisco: American Academy of Ophthalmology. 2020; p. 15-43
10. Belovay GW, Goldberg I. The thick and thin of the central corneal thickness in glaucoma. *Eye.* The Royal College of Ophthalmologists. 2018; p. 915-923.
11. Sng CC, Ang M, Barton K. Central corneal thickness in glaucoma. *Wolters Kluwer Health.* Volume 28 Number 2. 2017; p. 120-126.
12. Vijaya L, George R, Arvind H, et al. Central Corneal Thickness in Adult South Indians: The Chennai Glaucoma Study. *The American Academy of Ophthalmology.* Elsevier. 2010; p. 700-4.
13. Chua J, Tham YC, Liao J. Ethnic Differences of Intraocular Pressure and Central Corneal Thickness: The Singapore Epidemiology of Eye Diseases Study. *The American Academy of Ophthalmology.* Elsevier. 2014; p. 2013-22.
14. Actis AG, et al. Risk Factors for Primary Open Angle Glaucoma (POAG) Progression A Study Ruled in Torino. *The Open Ophthalmology Journal.* Volume 10. 2016; p. 129-139.
15. Gordon MO, et al. The Ocular Hypertension Treatment Study-Baseline factors That Predict the Onset of Primary Open-Angle Glaucoma. *Arch Ophthalmol.* Volume 120. 2002; p. 714–720.
16. Hao L, et al. Measurement of Structural Parameters of the Lamina Cribosa in Primary Open Angle Glaucoma and Chronic Primary Angle Closure Glaucoma by Optical Coherence Tomography and Its Correlations with Ocular Parameters. *Ophthalmic Res.* 2019; p. 1-10.
17. Kim DW, et al. Prelamina and Lamina Cribosa in Glaucoma Patients with Unilateral Visual Field Loss. *IOVS.* 2016; p. 1662-70.
18. Garg P, Laxmi S, Rubie M. A Study on Systemic Risk Factors for Primary Open Angle Glaucoma. *Pharmaceutical science.* 2014; p. 1-8.

19. Fayed AA. Evaluation of the lamina cribrosa morphology in correlation to retinal nerve fiber layer thickness. *Delta J Ophthalmol*. 2017; p. 166–9.
20. Downs JC, Girkin CA. Lamina Cribrosa in Glaucoma. *Curr Opin Ophthalmol*. 2016; p. 113–9.
21. Lee EJ, Kim T, Kim M, Kim H. Influence of Lamina Cribrosa Thickness and Depth on the Rate of Progressive Retinal Nerve Fiber Layer Thinning. *Ophthalmology*. 2014; p. 1-9.
22. Nakazawa T, Fukuchi T. What is glaucomatous optic neuropathy?. *Japanese Journal of Ophthalmology*. 2020; p. 1-7.
23. Kwon YH, et al. Mechanisms of Disease Primary Open-Angle Glaucoma. *The New England Journal of Medicine*. 2019; p. 1113-24.
24. Ren R, Li B, Gao F, et al. Central corneal thickness, lamina cribrosa and peripapillary scleral histomorphometry in non-glaucomatous chinese eyes. *Graefes Arch Clin Exp Ophthalmol*. 2010; p. 1579-85.
25. Herndon LW, Weizer JS, Stinnnett. Central corneal thickness as a risk factor for advanced glaucoma damage. *Arch Ophthalmol*. 2004; p. 17-21.
26. Paulo A, et al. Optical Coherence Tomography Imaging of the Lamina Cribrosa: Structural Biomarkers in Nonglaucomatous Diseases. *Hindawi Journal of Ophthalmology*. 2021; p. 1-31.
27. Cakmak S, et al. Comparison of the Lamina Cribrosa Measurements Obtained by Spectral-Domain and Swept-Source Optical Coherence Tomography. *Current Eye Research*; 2019; p. 1-7.
28. Sawada Y, Hangai M, Murata K. Lamina Cribrosa Depth Variation Measured by Spectral- Domain Optical Coherence Tomography Within and Between Four Glaucomatous Optic Disc Phenotypes. *IOVS*. 2018; p. 5777-84.
29. Sigal IA, et al. Recent advances in OCT imaging of the lamina cribrosa. *Br J Ophthalmol*. 2014; p. ii34-ii39.
30. Priyadarshini TA. Correlation Between Central Corneal Thickness (CCT) and Retinal Nerve Fiber Layer (RNFL). Dissertation. The Tamilnadu DR MGR Medical University. Chennai. 2013.
31. Kumar PS. A Comparative study of central corneal thickness in normal tension glaucoma, primary open angle glaucoma and ocular hypertension. *International Journal of Open Access Ophthalmology*. 2019; p. 2-5.
32. Park HY, Jeon SH, Park CK. Enhanced Depth Imaging Detects Lamina Cribrosa Thickness Differences in Normal Tension Glaucoma and Primary Open-Angle Glaucoma. *American Academy of Ophthalmology*. Elsevier. 2012; p. 10-20.
33. Rapuano CJ, Stout JT, McCannel CA. The Eye. Fundamental and Principles of Ophthalmology. Basic and Clinical Science Course 2020-2021 Section 2. San Fransisco: American Academy of Ophthalmology. 2020; p. 47-104.
34. Farjo AA, Brumm MV, Soong HK. Corneal anatomy, physiology, and wound healing. In *Ophthalmology*. Fifth edition. New York: Elsevier. 2019; p. 155-159.
35. Rapuano CJ, Stout JT, McCannel CA. Structure and Function of the External Eye and Cornea. External Disease and Cornea. Basic and Clinical Science Course 2020-2021 Section 8. San Fransisco: American Academy of Ophthalmology. 2020; p. 3-14.
36. Remington LA. Cornea and Sclera. Clinical Anatomy and Physiology of the Visual System. Third edition. Missouri: Elsevier. 2012; p. 10-35.
37. Mannis JM. Cornea and Sclera. Cornea Fundamentals, Diagnosis, and Management. New York: Elsevier. 2021; p. 1-17.
38. Gipson IK, Joyce NC. Anatomy and Cell Biology of the Cornea, Superficial Limbus, and Conjunctiva. Albert and Jacobiec's Principle and Practice of Ophthalmology. Third

- Edition. Philadelphia: Saunder. 2015; p.423-436.
39. Gipson IK, et al. The Anatomy and Cell Biology of the Human Cornea, Limbus, Conjunctiva, and Adnexa. Smolin and Thoft's The Cornea Scientific Foundation and Clinical Practice 4<sup>th</sup> Edition. Philadelphia: Lippincott Williams & Wilkins. 2005; p.1-17.
40. Kanski JJ. Cornea. In Clinical Ophthalmology A Systematic Approach 9<sup>th</sup> Edition. New York: Butterworth. 2020; p. 71-115.
41. Herranz RM, Herran RMC. Definition of the ocular surface. Ocular surface: anatomy and physiology, disorders and therapeutic care. Florida: CRC Press. 2013; p. 8-10.
42. Abib CF, Hida RY, Santos RM. Corneal Endothelium: Histology, Physiology and In-vivo Examination with Specular Microscope. JSM Ophthalmology. 2017; p. 71-115.
43. Baghdasaryan E, et al. Reproducibility of Central Corneal Thickness Measurement in Normal Eyes Using the Zeiss Cirrus 5000 HD-OCT and Pentacam HR. The Open Ophthalmology Journal. Vol 12. 2018; p. 1-12.
44. Shah S, et al. Relationship between Central Corneal Thickness and Measured Intraocular Pressure in General Ophthalmology Clinic. Ophthalmology. Volume 106, Number 11. 1999; p. 2154-60.
45. Bowling B. Glaucoma. Kanski's Clinical Ophtalmology A Clinical Approach. Eighth edition. Australia: Elsevier. 2016; p. 306-348.
46. Misir R, Saricaoglu S. Investigation of the relationship between central corneal thickness and retinal nerve fiber layer thickness in ocular hypertension. Acta Medica Anatolia. Volume 2 Issue 1. 2014; p. 1-5.
47. Doughty M, Jonascheit S. Pachymetry Part 1: Defining normal corneal thickness and normal IOP measures. Optician. 2005; p. 27-31.
48. Swartz T, Marten L, Wang M. Measuring the cornea: the latest developments in corneal topography. Curr Opin Ophthalmol. 2007; p. 325-333.
49. Patwardhan AA, Khan M, et al. The importance of central corneal thickness measurements and decision making in general ophthalmology clinics: a masked observational study. BMC Ophthalmology. 2008; p. 1-8.
50. Dimasi DP, Burdon KP, Craig JE. The genetics of central corneal thickness. British Journal of Ophthalmology. 2013; p. 971-976.
51. Su DH, Wong TY, Foster PJ. Central Corneal Thickness and its Associations With Ocular and Systemic Factors: The Singapore Malay Eye Study. American Journal Of Ophthalmology. 2019; p. 709-716.
52. Kumar J, Verma A, Dwivedi S. Central Corneal Thickness in Adult Indians And its Effect on Glaucoma Progression: the Bundelkhand Region Glaucoma Study. IOSR Journal of Dental and Medical Sciences. Volume 16 Issue 5. 2017; p. 1-3.
53. Farvardin M, Heidary F, Sayehmiri K, et al. A Comprehensive Meta-analysis on Intra Ocular Pressure and Central Corneal Thickness in Healthy Children. Iran Journal Public Health. Vol 46 No 6. 2017; 724-732.
54. Brandt JD, Gordon MO, Beiser JA, et al. Changes in central corneal thickness over time: the ocular hypertension treatment study. Ophthalmology. 2008; p. 1550-56.
55. Mashige KP. A review of corneal diameter, curvature and thickness values and influencing factors. South Africa Ophthalmology. 2013; p. 185-194.
56. Lee DH, Kim DH, Park SH. Age and Sex Related Changes in Corneal Thickness and Anterior Corneal Curvature in Korean Young Population with Orbscan II Topography System. Vol 15 No 1. 2011; p. 68-73.
57. Hoffmann EM, Lamparter J, Mirshahi A, et al. Distribution of Central Corneal Thickness and its Association with Ocular Parameters in a Large Central European Cohort: The Gutenberg Health Study. Plos One. Vol 8 Issue 8. 2013; p. 1-9.
58. Garcia, Medina M, et al. Central corneal thickness, intraocular pressure and degree of

- myopia in adult myopic population aged 20 to 40 years in Southeast Spain: determination and relationships. *Clin Ophthalmol*. 2011; p. 249-258.
59. Sah RP, Paudel N, Chaundhary M, et al. The effect of soft contact lens wear on corneal thickness, curvature and surface regularity. *Journal of Chitwan Medical College*. 2014; p. 35-39.
60. Hasan NA, Aldghaimy AH, Hamed MA, et al. Assessment of corneal thickness in soft contact lens users using anterior segment optical coherence tomography. *Delta Journal of Ophthalmology*. 2018; p. 216-220.
61. Abbas H, Rauf A, Perveen A. The Association of Cataract Type nn Central Corneal Thickness After Phacoemulsification Cataract Surgery. *Pak Armed Forces Medical Journal*. 2021; p. 1611-14.
62. Wali S, Surhio SA, Talpur R. Change in Central Corneal Thickness after Phacoemulsification. *Pakistan Journal Ophthalmology*. 2020; p. 67-71.
63. Quintanilla MG, Valdez LG, Zavala J, et al. Central corneal thickness and minimum corneal thickness keratoconus patients based on optical coherence tomography. *Investigative Ophthalmology and Visual Science*. Vol 61 No 7. 2020; p. 1-6.
64. Bikbova G, Oshitari T, et al. Corneal Changes in Diabetes Mellitus. *Current Diabetes Reviews*. 2012; p. 294-302.
65. Kase S, Ishida S, Rao N. Immunolocalization of advanced glycationend products in human diabetic eyes: an immunohistochemical study. *J Diabetes Mellitus*. 2011; p. 57-62.
66. Su DH, Wong TY, Wong WL, et al. Diabetes, hyperglycemia, and central corneal thickness; the Singapore Malay Eye Study. *The Singapore Malay Eye Study Group. Ophthalmology*. 2008; p. 964-68.
67. Fazwat G, Hendriati, Helvinda W. Perubahan Nilai Central Corneal Thickness Sebagai Deteksi Severitas Retinopati Diabetik pada Penderita Diabetes Melitus Tipe II. *Jurnal Human Care*. Vol 6 No 1. 2021; p. 151-164.
68. Mathebula SD, Segota TM. Is the central corneal thickness of diabetic patients thicker than that of non-diabetics' eyes?. *Afr Vision Eye Health*. 2015; p. 1-5.
69. Rand AR. The Basic Aspect of Glaucoma. *Shields Textbook of Glaucoma*. North Carolina: Lippincott Williams & Wilkins. 2011; p. 82–115.
70. Rapuano CJ, Stout JT, McCannel CA. *Vascular Anatomy. Basic and Clinical Science Course 2020-2021. Section 5 Neuro-Ophthalmology*. San Fransisco: American Academy of Ophthalmology. 2020; p. 11-20.
71. Seo JH, Kim T, Weinreb RN. Lamina Cribrosa Depth in Healthy Eyes. *Invest Ophthalmol Vis Sci*. 2018; p. 1241-50.
72. Xiao H, Yu X, Zhong YM, et al. Age-related changes of the central lamina cribrosa thickness, depth and prelaminar tissue in healthy Chinese subjects. *International Journal of Ophthalmology*. Vol 11 No 11. 2018; p. 1842-47.
73. Paik DW, Lee JH, Kim JS. Age-Related Changes in the Thickness of the Lamina Cribrosa Measured by Spectral Domain OCT. *Journal Korean Ophthalmology*. Vol 8 No 54. 2013; p. 1261-68.
74. Bae HW, et al. Risk factors for visual field progression of normal-tension glaucoma in patients with myopia. *Can J Ophthalmol*. 2017; p. 107-13.
75. Perera SA, et al. Refractive Error, Axial Dimensions, and Primary Open-Angle Glaucoma. *Arch Ophthalmol*. 2010.
76. Jonas JB, et al. Lamina cribrosa thickness correlated with posterior scleral thickness and axial length in monkeys. *Apta Ophthalmologica*; 2016; p. 1-4.
77. Jonas JB, Xu L. Histological changes of high axial myopia. *Eye*. 2014; p. 113-117.
78. Li L, Song F. Biomechanical research into lamina cribrosa in glaucoma. *National Science*

- Review. 2020; p. 1277-79.
- 79. Stamper RL, Lieberman MF, Drake MV. Optic Nerve Anatomy and Pathophysiology. In: Becker-Shaffer's Diagnosis and Therapy of the Glaucomas. UK: Mosby Elsevier. 2009; p 143-148.
  - 80. Tan NY, Tham YC, Thakku SG, et al. Changes in the Anterior Lamina Cribrosa Morphology with Glaucoma Severity. *Scientific Reports*. 2019; p. 1-7
  - 81. Goh SY, Cooper ME. The role of advanced glycation end products in progression and complications of diabetes. *Journal of Clinical Endocrinology Metabolic*. 2008; p. 1143-52.
  - 82. Akkayu S, Kucuk B, Dogan HK, et al. Evaluation of the lamina cribrosa in patients with diabetes mellitus using enhanced depth imaging spectral-domain optical coherence tomography. *Diabetes and Vascular Disease Research*. Vol 15 No 5. 2018; 442-448.
  - 83. Nurmansyah G, Rodliyah N, Hapsari RA. Pengantar Antropologi. Jakarta: Aura Publisher. 2019; p. 105-130.
  - 84. Pitoyo AJ, Triwahyudi H. Dinamika Perkembangan Etnis di Indonesia Dalam Konteks Persatuan Negara. Populasi. Vol 5 No 1. 2017; p. 64-81.
  - 85. Wright KW, Spiegel PH, Thompson LS. Embryology. In: *Handbook of Pediatric Neuro-Ophthalmology*. USA: Springer; 2006. p 1-32.
  - 86. Morgan WH, Chauhan BC, Yu DY, et al. Optic disc movement with variations in intraocular and cerebrospinal fluid pressure. *Invest Ophthalmol Vis Sci*. 2002; p. 3236-42.
  - 87. Kim YW, Jeoung JW, Kim Dw, et al. Clinical Assessment of lamina Cribrosa Curvature in Eyes with Primary Open-Angle Glaucoma. *Plos One*. 2016; p. 1-15.
  - 88. Jonas JB, Holbach L. Central Corneal Thickness and Thickness of the Lamina Cribrosa in Human Eyes. *Investigative Ophthalmology & Visual Science*. Vol 46 No 4. 2005; p. 1275-79.
  - 89. Jean PR, Nordmann Philippe. OCT and Optic Nerve. France: Elwood. p. 13-46.
  - 90. Dong ZM, Wollstein G, Schuman JS. Clinical utility of optical coherence tomography in glaucoma. *Investig Ophthalmol Vis Sci*. 2016; p. 556-67.
  - 91. Novita HD, Moestidjab. Optical Coherence Tomography (OCT) Posterior Segment. *Jurnal Oftalmologi Indonesia*. Vol 6, No 3. 2008; p. 169-77
  - 92. Greenwald FM, et al. Corneal Imaging: An Introduction. *Ophthalmology and Visual Sciences*. Eyerounds.org. 2016.
  - 93. Yuen LH, et al. Biometry of the cornea and anterior chamber in chinese eyes: an anterior segment optical coherence tomography study. *Investigative Ophthalmology and Visual Science*. Vol 51 No 7. 2010; p. 3433-40.
  - 94. Zeiss. CIRRUS HD-OCT User Manual-Models 500,5000. Carl Zeiss Meditec. 2015.
  - 95. Mohan S, Aggarwal A, Dada T, et al. Pachymetry: a review. *DOS times*. Vol 12, No 10. 2007; p. 19-27.
  - 96. Ersoz MG, et al. Evaluation of Prelaminar Region and Lamina Cribrosa with Enhanced Depth Imaging Optical Coherence Tomography in Pseudoexfoliation Glaucoma. *Turk J Ophthalmol*. 2018; p. 109-114.
  - 97. Valdez JE, Hernandez JC, Lozano JF, et al. Correlation of age, corneal curvature and spherical equivalent with central corneal thickness. *Revista Mexicana de Oftalmologia*. Elsevier. 2016; 1-5.
  - 98. Nangia V, Jonas JB, Sinha A, et al. Central Corneal Thickness and Its Association with Ocular and General Parameters in Indians: The Central India eye and Medical Study. *Ophthalmology*. Volume 117, Number 4. American Academy of Ophthalmology. 2010; p. 705-710
  - 99. Fan BJ, Chen X, Sondhi N, et al. Family-Based Genome-Wide Association Study of

- South Indian Pedigrees Supports WNT7B as a Central Corneal Thickness Locus. Investigative Ophthalmology and Visual Science. Volume 59, Number 6. 2018; p. 2495-2502.
100. Ma J, Zhao L, Yang Y, et al. Associations Between Regional Environment and Cornea-Related Morphology of the Eye in Young Adults: A Large-Scale Multicenter Cross-Sectional Study. Investigative Ophthalmology and Visual Science. Volume 62, Number 2. 2021; p. 1-15.
101. Rapuano CJ, Stout JT, McCannel CA. Glaucomatous Optic Neuropathy. Glaucoma. Basic and Clinical Science Course 2020-2021. San Francisco: American Academy of Ophthalmology. 2020; p.64-73.

