

DAFTAR PUSTAKA

1. Tsubota K, Pflugfelder SC, Liu Z, Baudouin C, Kim HM, Messmer EM, et al. Defining dry eye from a clinical perspective. *Int J Mol Sci.* 2020;21(23):1–24.
2. Zemanová M. Review dry eyes disease . A Review. 2021;1–13.
3. Yazdani M, Elgstøen KBP, Rootwelt H, Shahdadfar A, Utheim ØA, Utheim TP. Tear metabolomics in dry eye disease: a review. *Int J Mol Sci.* 2019;20(15):1–18.
4. Rouen PA, White ML. Dry eye disease: prevalence, assessment, and management. *Home Healthc Now.* 2018;36(2):74–83.
5. Periman LM, Perez VL, Saban DR, Lin MC, Neri P. The immunological basis of dry eye disease and current topical treatment options. *J Ocul Pharmacol Ther.* 2020;36(3):137–46.
6. Vayisoğlu SK, Öncü E, Dursun Ö, Dinç E. Investigation of dry eye symptoms in lecturers by ocular surface disease index. *Turkish J Ophthalmol.* 2019;49(3):142–8.
7. Khalil HE, Aboud S, Azzab M. Comparative study between smokers and non-smokers regarding dry eye. *Delta J Ophthalmol.* 2018;19(1):9.
8. Makrynioti D, Zagoriti Z, Koutsojannis C, Morgan PB, Lagoumintzis G. Ocular conditions and dry eye due to traditional and new forms of smoking: a review. *Contact Lens Anterior Eye.* 2020;43(3):277–84.
9. Erginturk Acar D, Acar U, Ozen Tunay Z, Ozdemir O, Germen H. The effects of smoking on dry eye parameters in healthy women. *Cutan Ocul Toxicol.* 2017;36(1):1–4.
10. Isa Md NA, Koh PY, Doraj P. The tear function in electronic cigarette smokers. *Optom Vis Sci.* 2019;96(9):678–85.
11. Yu K, Bunya V, Maguire M, Asbell P, Ying GS. Systemic conditions associated with severity of dry eye signs and symptoms in the dry eye assessment and management study. *Ophthalmology.* 2021;128(10):1384–92.

12. Bazeer S, Jansonius N, Snieder H, Hammond C, Vehof J. The relationship between occupation and dry eye. *Ocul Surf.* 2019;17(3):484–90.
13. Kawashima M, Yamatsuji M, Yokoi N, Fukui M, Ichihashi Y, Kato H, et al. Screening of dry eye disease in visual display terminal workers during occupational health examinations: the Moriguchi study. *J Occup Health.* 2015;57(3):253–8.
14. Krolo I, Blazeka M, Merdzo I, Vrtar I, Sabol I, Petric-Vickovic I. Mask-associated dry eye during COVID-19 pandemic-how face masks contribute to dry eye disease symptoms. *Med Arch (Sarajevo, Bosnia Herzegovina).* 2021;75(2):144–8.
15. Yuan K, Zhu H, Mou Y, Wu Y, He J, Huang X, et al. Effects on the ocular surface from reading on different smartphone screens: a prospective randomized controlled study. *Clin Transl Sci.* 2021;14(3):829–36.
16. Guarnieri A, Carnero E, Bleau AM, Alfonso-Bartolozzi B, Moreno-Montañés J. Relationship between OSDI questionnaire and ocular surface changes in glaucomatous patients. *Int Ophthalmol.* 2020;40(3):741–51.
17. Pastor-zaplana JÁ, Borrás F, Gallar J, Acosta MC. OSDI Questions on daily life activities allow to detect subclinical dry eye in young contact lens users. *J Clin Med.* 2022;11(9).
18. Hashmani N, Munaf U, Saleem A, Javed SO, Hashmani S. Comparing SPEED and OSDI questionnaires in a non-clinical sample. *Clin Ophthalmol.* 2021;15:4169–73.
19. Pflugfelder SC, Stern ME. Biological functions of tear film. *Exp Eye Res.* 2020;197:1–16.
20. Maliborski A, Rózycki R. Diagnostic imaging of the nasolacrimal drainage system. Part I. Radiological anatomy of lacrimal pathways. Physiology of tear secretion and tear outflow. *Med Sci Monit.* 2014;20:628–38.
21. Dietrich J, Schrader S. Towards lacrimal gland regeneration: current concepts and experimental approaches. *Curr Eye Res.* 2020;45(3):230–40.
22. Ali MJ, Paulsen F. Human lacrimal drainage system reconstruction, recanalization, and regeneration. *Curr Eye Res.* 2020;45(3):241–52.
23. Öрге FH, Boente CS. The lacrimal system. *Pediatr Clin North Am.*

- 2014;61(3):529–39.
24. Royer J. Dry eye. *Klin Monbl Augenheilkd*. 2018;186(6):436–41.
 25. Gandolfo S, De Vita S. Emerging drugs for primary Sjögren’s syndrome. *Expert Opin Emerg Drugs*. 2019;24(2):121–32.
 26. Seen S, Tong L. Dry eye disease and oxidative stress. *Acta Ophthalmol*. 2018;96(4):e412–20.
 27. Liguori I, Russo G, Curcio F, Bulli G, Aran L, Della-Morte D, et al. Oxidative stress, aging, and diseases. *Clin Interv Aging*. 2018;13:757–72.
 28. Moldogazieva NT, Mokhosev IM, Mel’Nikova TI, Porozov YB, Terentiev AA. Oxidative stress and advanced lipoxidation and glycation end products (ALEs and AGEs) in aging and age-related diseases. *Oxid Med Cell Longev*. 2019;2019.
 29. Jansen JA, Kuswidyati C, Christya F. Association between screen time and dry eye symptoms. *Indones J Med Heal*. 2021;12(2):144–50.
 30. López-Miguel A, Tesón M, Martín-Montañez V, Enríquez-De-Salamanca A, Stern ME, González-García MJ, et al. Clinical and molecular inflammatory response in Sjögren syndrome-associated dry eye patients under desiccating stress. *Am J Ophthalmol*. 2016;161:133-141.e2.
 31. Barnes PJ. Oxidative stress-based therapeutics in COPD. *Redox Biol*. 2020;33:101544.
 32. Martheswaran T, Shmunes MH, Ronquillo YC, Moshirfar M. The impact of vaping on ocular health: a literature review. *Int Ophthalmol*. 2021;41(8):2925–32.
 33. Miglio F, Naroo S, Zeri F, Tavazzi S, Ponzini E. The effect of active smoking, passive smoking, and e-cigarettes on the tear film: an updated comprehensive review. *Exp Eye Res*. 2021;210:108691.
 34. Fabiani C, Sota J, Tosi GM, Franceschini R, Frediani B, Galeazzi M, et al. The emerging role of interleukin (IL)-1 in the pathogenesis and treatment of inflammatory and degenerative eye diseases. *Clin Rheumatol*. 2017;36(10):2307–18.
 35. Pflugfelder SC, de Paiva CS. The pathophysiology of dry eye disease: what we know and future directions for research. *Ophthalmology*.

- 2017;124(11):S4–13.
36. Asiedu K. Rasch analysis of the standard patient evaluation of eye dryness questionnaire. *Eye Contact Lens*. 2017;43(6):394–8.
 37. Akowuah PK, Adjei-Anang J, Nkansah EK, Fummey J, Osei-Poku K, Boadi P, et al. Comparison of the performance of the dry eye questionnaire (DEQ-5) to the ocular surface disease index in a non-clinical population. *Contact Lens Anterior Eye*. 2022;45(3):101441.
 38. Ikatan Dokter Indonesia (IDI). Panduan praktik klinis bagi dokter di fasilitas pelayanan kesehatan primer. Jakarta: Ikatan Dokter Indonesia. 2017;162, 364.
 39. Imran HA. Peran sampling dan distribusi data dalam penelitian komunikasi pendekatan kuantitatif. *JSKM*. 2017;21(1):111-26.
 40. Hakim LN. Urgensi revisi undang-undang tentang kesejahteraan lanjut usia. *Aspir J Masal Sos*. 2020;11(1):43–55.
 41. Dahlan MS. Statistik untuk kedokteran dan kesehatan deskriptif, bivariat, dan multivariat dilengkapi aplikasi menggunakan SPSS edisi enam cetakan kesebelas. Jakarta: Salemba Medika; 2021.
 42. Sadikin BG. Keputusan menteri kesehatan Republik Indonesia nomor HK.01.07/MENKES/5675/2021 HK.01.07/MENKES/10882/2020 tentang data penduduk sasaran program pembangunan kesehatan tahun 2021-2025. Peraturan Menteri Kesehatan RI. 2021;2025:1-1405.
 43. Arita R, Mizoguchi T, Kawashima M, Fukuoka S, Koh S, Shirakawa R, et al. Meibomian gland dysfunction and dry eye are similar but different based on a population-based study: the Hirado-Takushima study in Japan. *Am J Ophthalmol*. 2019;207:410–8.
 44. Lee AJ, Lee J, Saw SM, Gazzard G, Koh D, Widjaja D, et al. Prevalence and risk factors associated with dry eye symptoms: a population based study in Indonesia. *Br J Ophthalmol*. 2002;86(12):1347–51.
 45. Sherry A, Aridi M, Ghach W. Prevalence and risk factors of symptomatic dry eye disease in Lebanon. *Contact Lens Anterior Eye*. 2020;43(4):355–8.
 46. Ho TW, Chiung YC, Shu WC. Low ambient temperature correlates with the severity of dry eye symptoms. *Taiwan J Ophthalmol*. 2022;12:191-97.

47. Echieh CI, Etim BA, Echieh CP, Oyeniya T, Ajewole J. A comparative assessment of dry eye disease among outdoor street sweepers and indoor office cleaners. *BMC Ophthalmol.* 2021;21(1):265.
48. Tandon R, Vashist P, Gupta N, Gupta V, Sahay P, Deka D, et al. Association of dry eye disease and sun exposure in geographically diverse adult (≥ 40 years) populations of India: the SEED (sun exposure, environment and dry eye disease) study - second report of the ICMR-EYE SEE study group. *Ocul Surf.* 2020;18(4):718–30.
49. Yan C, Li A, Hao Y, Zhang X, Guo Y, Gu Y, et al. The relationship between circadian typology and dry eye symptoms in Chinese college students. *Nat Sci Sleep.* 2022;14:1919–25.
50. Wolffsohn JS, Wang MTM, Vidal-Rohr M, Menduni F, Dhallu S, Ipek T, et al. Demographic and lifestyle risk factors of dry eye disease subtypes: a cross-sectional study. *Ocul Surf.* 2021;21:58–63.
51. Wang MTM, Muntz A, Mamidi B, Wolffsohn JS, Craig JP. Modifiable lifestyle risk factors for dry eye disease. *Contact Lens Anterior Eye.* 2021;44(6):101409.
52. Dietrich J, Massie I, Roth M, Geerling G, Mertsch S, Schrader S. Development of causative treatment strategies for lacrimal gland insufficiency by tissue engineering and cell therapy. Part 1: regeneration of lacrimal gland tissue: can we stimulate lacrimal gland renewal in vivo? *Curr Eye Res.* 2016;41(9):1131–42.
53. Rodboon T, Souza GR, Mutirangura A, Ferreira JN. Magnetic bioassembly platforms for establishing craniofacial exocrine gland organoids as aging in vitro models. *PLoS One.* 2022;17:1–12.
54. Sánchez-Valerio MDR, Mohamed-Noriega K, Zamora-Ginez I, Duarte BGB, Vallejo-Ruiz V. Dry eye disease association with computer exposure time among subjects with computer vision syndrome. *Clin Ophthalmol.* 2020;14:4311–7.
55. Gümüş K, Arda H, Öztürk ÖA, Karaküçük S ME. Evaluation of the impact of computer use on dry eye parameters. *Turk J Ophthalmol.* 2009;39:244–9.

56. Büyükbaş Z, Gündüz MK, Bozkurt B ZN. Evaluation of ocular surface changes seen in computer users. *Turk J Ophthalmol.* 2012;42:190–6.
57. Asiedu K, Kyei S, Boampong F, Ocansey S. Symptomatic dry eye and its associated factors: a study of university undergraduate students in Ghana. *Eye Contact Lens.* 2017;43(4):262–6.
58. Hidayati B, Irawan F, Herawati YB. Analisis kelembaban udara pada AC split wall usia pakai 8 tahun dengan kapasitas 18000 Btu/hr. *J Austenit.* 2021;13(1):8–12.
59. Alven A, Lema C, Redfern RL. Impact of low humidity on damage-associated molecular patterns at the ocular surface during dry eye disease. *Optom Vis Sci.* 2021;98(11):1231–8.
60. Shanti Y, Shehada R, Bakkar MM, Qaddumi J. Prevalence and associated risk factors of dry eye disease in 16 northern West bank towns in Palestine: a cross-sectional study. *BMC Ophthalmol.* 2020;20(1):1–8.
61. Kobia AE, Ankamah LS, Owusu E, Forfoe S, Bannor J, Abokoma KJ, et al. Prevalence and associated risk factors of symptomatic dry eye in Ghana: a cross sectional population-based study. *Contact Lens Anterior Eye.* 2021;1-8.
62. Özcura F, Aydın S, Helvacı MR. Ocular surface disease index for the diagnosis of dry eye syndrome. *Ocul Immunol Inflamm.* 2007;15(5):389–93.

