

DAFTAR PUSTAKA

- Amano, S., Inoue, K., 2017. Clinic-Based Study on Meibomian Gland Dysfunction in Japan. *Investig. Ophthalmology Vis. Sci.* 58, 1283. <https://doi.org/10.1167/iovs.16-21374>
- Arita, R., Itoh, K., Inoue, K., Amano, S., 2008. Noncontact Infrared Meibography to Document Age-Related Changes of the Meibomian Glands in a Normal Population. *Ophthalmology* 115, 911–915. <https://doi.org/10.1016/j.ophtha.2007.06.031>
- Bikbova, G., Oshitari, T., Tawada, A., Yamamoto, S., 2012. Corneal Changes in Diabetes Mellitus. *Curr. Diabetes Rev.* 8, 294–302. <https://doi.org/10.2174/157339912800840479>
- Bitton, E., Wittich, W., 2014. Influence of eye position on the Schirmer tear test. *Contact Lens Anterior Eye* 37, 257–261. <https://doi.org/10.1016/j.clae.2013.11.011>
- Cho, P., Yap, M., 1993. Schirmer Test. I. A Review: *Optom. Vis. Sci.* 70, 152–156. <https://doi.org/10.1097/00006324-199302000-00011>
- Gaasterland, D.E., Ederer, F., Beck, A., Costarides, A., Leef, D., Closek, J., Banks, J., Jackson, S., Moore, K., Vela, A., Brown, R.H., Lynch, M., Gunsby, J., Lober, K., Marsh, T., Stepka, C., Montgomery, R., Clagett, D., Ashburn, F., Schacht, K., Coyle, E., Garland, M.K., Lauber, S., Michelitsch, K., Plavnieks, S., Vayer, L., Burt, E., Hundley, M., Rae, A., Allen, R.C., Miller, E., Sporn, A., Fendley, C.K., Hoyle, L.S., Weber, P.A., Derick, R., McKinney, K., Moore, D., Lauderbaugh, T., Baker, N.D., Kapetansky, F., Lehmann, D., Black, L., Gloeckner, B., Coleman, K., Cassady, M., Sharf, L.J., Romans, B., Satterwhite, Y., Simmons, L., Vela, M.A., Harbin, T.S., Brannon, L., Wright, J., LaSalle, J., Degenhardt, G., Bridgman, S.A., Gunsby, J., Ozment, R.R., Hooper, M., Goldstein, S., Butler, L., Perry, M., Eckel, A., Martin, A., Session, C., Nummerdor, D., Wille, L., Cyrlin, M.N., Dubay, H., Fazio, R., Corbin, P.S., Wilensky, J.T., Lindenmuth, K., Hillman, D., Carroll, C.A., Hatton, J., Sonty, S., Higginbotham, E.J., Scholes, G., Uva, R., Fiene, J., Frohlichstein, D., Gates, V., Pappas, L., Rathbone, D., Tadelman, M., Hopkins, G., Lichter, P.R., Bergstrom, T.J., Moroi, S.E., Pollack- Rundle, C.J., Standardi, C., Abt, L., Van Heck, T., Skuta, G.L., Schertzer, R.M., Wicker, D., Van Veldhuisen, P.C., 2011. The Advanced Glaucoma Intervention Study (AGIS): 7. The relationship between control of intraocular pressure and visual field deterioration. *Am. J. Ophthalmol.* 130, 429–440. [https://doi.org/10.1016/S0002-9394\(00\)00538-9](https://doi.org/10.1016/S0002-9394(00)00538-9)
- Galor, A., 2014. MGD: Definition Versus Dry Eye Disease, Risk Factors. *Curr. Ophthalmol. Rep.* 2, 58–64. <https://doi.org/10.1007/s40135-014-0040-x>
- Geerling, G., Tauber, J., Baudouin, C., Goto, E., Matsumoto, Y., O'Brien, T., Rolando, M., Tsubota, K., Nichols, K.K., 2011. The international workshop on meibomian gland dysfunction: Report of the subcommittee on management and treatment of meibomian gland dysfunction. *Invest.*

- Ophthalmol. Vis. Sci. 52, 2050–2064. <https://doi.org/10.1167/iovs.10-6997g>
- Gipson, I.K., 2013. Age-related changes and diseases of the ocular surface and cornea. *Invest. Ophthalmol. Vis. Sci.* 54. <https://doi.org/10.1167/iovs.13-12840>
- Hwang, H. Bin, Ku, Y.H., Kim, E.C., Kim, H.S., Kim, M.S., Hwang, H.S., 2020. Easy and effective test to evaluate tear-film stability for self-diagnosis of dry eye syndrome: blinking tolerance time (BTT). *BMC Ophthalmol.* 20, 1–8. <https://doi.org/10.1186/s12886-020-01686-5>
- Hwang, H.B., Ku, Y.H., Kim, E.C., Kim, H.S., Kim, M.S., Hwang, H.S., 2020. Easy and effective test to evaluate tear-film stability for self-diagnosis of dry eye syndrome: blinking tolerance time (BTT). *BMC Ophthalmol.* 20, 438. <https://doi.org/10.1186/s12886-020-01686-5>
- Inomata, T., Iwagami, M., Hiratsuka, Y., Fujimoto, K., Okumura, Y., Shiang, T., Murakami, A., 2018. Maximum blink interval is associated with tear film breakup time: A new simple, screening test for dry eye disease. *Sci. Rep.* 8, 13443. <https://doi.org/10.1038/s41598-018-31814-7>
- Javadi, M.A., Feizi, S., 2011. Dry eye syndrome. *J. Ophthalmic Vis. Res.* 6, 192–198. <https://doi.org/10.29309/tpmj/2009.16.01.3004>
- Kaercher, T., Bron, A., 2008. Classification and diagnosis of dry eye. *Dev. Ophthalmol.* 41, 36–53. <https://doi.org/10.1159/000131069>
- Kempen, J.H., Daniel, E., Gangaputra, S., Dreger, K., Jabs, D.A., Kaçmaz, R.O., Pujari, S.S., Anzaar, F., Foster, C.S., Helzlsouer, K.J., Levy-Clarke, G.A., Nussenblatt, R.B., Liesegang, T., Rosenbaum, J.T., Suhler, E.B., 2008. Methods for identifying long-term adverse effects of treatment in patients with eye diseases: The Systemic Immunosuppressive Therapy for Eye Diseases (SITE) Cohort Study. *Ophthalmic Epidemiol.* 15, 47–55. <https://doi.org/10.1080/09286580701585892>
- Khanal, S., Tomlinson, A., Esakowitz, L., Bhatt, P., Jones, D., Nabili, S., Mukerji, S., 2008. Changes in corneal sensitivity and tear physiology after phacoemulsification. *Ophthalmic Physiol. Opt.* 28, 127–134. <https://doi.org/10.1111/j.1475-1313.2008.00539.x>
- Kopacz, D., Niezgoda, Ł., Fudalej, E., Nowak, A., Maciejewicz, P., 2021. Tear Film – Physiology and Disturbances in Various Diseases and Disorders. *Ocul. Surf. Dis. - Some Curr. Date Tear Film Probl. Keratoconic Diagn.* <https://doi.org/10.5772/intechopen.94142>
- Lee, A.J., Lee, J., Saw, S.M., Gazzard, G., Koh, D., Widjaja, D., Tan, D.T.H., 2002. Prevalence and risk factors associated with dry eye symptoms: A population based study in Indonesia. *Br. J. Ophthalmol.* 86, 1347–1351. <https://doi.org/10.1136/bjo.86.12.1347>
- Lemp, M.A., 2008. Advances in Understanding and Managing Dry Eye Disease. *Am. J. Ophthalmol.* 146. <https://doi.org/10.1016/j.ajo.2008.05.016>
- Leonardi, A., Van Setten, G., Amrane, M., Ismail, D., Garrigue, J.S., Figueiredo, F.C., Baudouin, C., 2016. Efficacy and safety of 0.1% cyclosporine A cationic emulsion in the treatment of severe dry eye disease: A multicenter

- randomized trial. *Eur. J. Ophthalmol.* 26, 287–296.
<https://doi.org/10.5301/ejo.5000779>
- Li, W., Lin, M.C., 2018. Pain Sensitivity Associated With the Length of the Maximum Interblink Period. *Investig. Ophthalmology Vis. Sci.* 59, 238.
<https://doi.org/10.1167/iovs.17-22950>
- Luo, L., Li, D.Q., Doshi, A., Farley, W., Corrales, R.M., Pflugfelder, S.C., 2004. Experimental dry eye stimulates production of inflammatory cytokines and MMP-9 and activates MAPK signaling pathways on the ocular surface. *Invest. Ophthalmol. Vis. Sci.* 45, 4293–4301.
<https://doi.org/10.1167/iovs.03-1145>
- Mansoor, H., Tan, H.C., Lin, M.T.-Y., Mehta, J.S., Liu, Y.-C., 2020. Diabetic Corneal Neuropathy. *J. Clin. Med.* 9, 3956.
<https://doi.org/10.3390/jcm9123956>
- Mian, S.I., Shtein, R.M., Nelson, A., Musch, D.C., 2007. Effect of hinge position on corneal sensation and dry eye after laser in situ keratomileusis using a femtosecond laser. *J. Cataract Refract. Surg.* 33, 1190–1194.
<https://doi.org/10.1016/j.jcrs.2007.03.031>
- Nosch, D.S., Pult, H., Albon, J., Purslow, C., Murphy, P.J., 2016. Relationship between corneal sensation, blinking, and tear film quality. *Optom. Vis. Sci.* 93, 471–481. <https://doi.org/10.1097/OPX.0000000000000827>
- Opitz, D.L., Harthan, J.S., Fromstein, S.R., Hauswirth, S.G., 2015. Diagnosis and management of meibomian gland dysfunction: Optometrists' perspective. *Clin. Optom.* 7, 59–69. <https://doi.org/10.2147/OPTO.S63484>
- Patel, S., Blades, K., 2003. *The Dry Eye: A Practical Approach*.
- Rabensteiner, D.F., Aminfar, H., Boldin, I., Schwantzer, G., Horwath-Winter, J., 2018. The prevalence of meibomian gland dysfunction, tear film and ocular surface parameters in an Austrian dry eye clinic population. *Acta Ophthalmol. (Copenh.)* 96. <https://doi.org/10.1111/aos.13732>
- Rossi, G.C.M., 2011. How to Diagnose the Ocular Surface Disease in Treated Glaucoma Patients. *Eur. Ophthalmic Rev.* 05, 38.
<https://doi.org/10.17925/eor.2011.05.01.38>
- Rucker, J.C., 2011. Normal and abnormal lid function, in: *Handbook of Clinical Neurology*. Elsevier, pp. 403–424. <https://doi.org/10.1016/B978-0-444-52903-9.00021-2>
- Shamsheer, R., Arunachalam, C., 2015. A clinical study of meibomian gland dysfunction in patients with diabetes. *Middle East Afr. J. Ophthalmol.* 22, 462. <https://doi.org/10.4103/0974-9233.167827>
- Spadea, L., Salvatore, S., Vingolo, E.M., 2013. Corneal Sensitivity in Keratoconus: A Review of the Literature. *Sci. World J.* 2013, 1–7.
<https://doi.org/10.1155/2013/683090>
- Stern, M.E., Gao, J., Siemasko, K.F., Beuerman, R.W., Pflugfelder, S.C., 2004. The role of the lacrimal functional unit in the pathophysiology of dry eye. *Exp. Eye Res.* 78, 409–416. <https://doi.org/10.1016/j.exer.2003.09.003>
- Thulasi, P., Djalilian, A.R., 2017. Update in Current Diagnostics and Therapeutics of Dry Eye Disease. *Ophthalmology* 124, S27–S33.
<https://doi.org/10.1016/j.ophtha.2017.07.022>

- Tomlinson, A., Bron, A.J., Korb, D.R., Amano, S., Paugh, J.R., Ian Pearce, E., Yee, R., Yokoi, N., Arita, R., Dogru, M., 2011. The international workshop on meibomian gland dysfunction: Report of the diagnosis subcommittee. *Invest. Ophthalmol. Vis. Sci.* 52, 2006–2049. <https://doi.org/10.1167/iovs.10-6997f>
- Tong, L., Lan, W., Petznick, A., 2012. Definition of the Ocular Surface. *Ocul. Surf.* 3–21. <https://doi.org/10.1201/b13153-3>
- Truong, S., Cole, N., Stapleton, F., Golebiowski, B., 2014. Sex hormones and the dry eye. *Clin. Exp. Optom.* 97, 324–336. <https://doi.org/10.1111/cxo.12147>
- Tsubota, K., Yokoi, N., Watanabe, H., Dogru, M., Kojima, T., Yamada, M., Kinoshita, S., Kim, H.M., Tchah, H.W., Hyon, J.Y., Yoon, K.C., Seo, K.Y., Sun, X., Chen, W., Liang, L., Li, M., Tong, L., Hu, F.R., Puangsricharern, V., Lim-Bon-Siong, R., Yong, T.K., Liu, Z., Shimazaki, J., 2020. A New Perspective on Dry Eye Classification: Proposal by the Asia Dry Eye Society. *Eye Contact Lens* 46, S2–S13. <https://doi.org/10.1097/ICL.0000000000000643>
- Vroman, D.T., Sandoval, H.P., Fernández De Castro, L.E., Kasper, T.J., Holzer, M.P., Solomon, K.D., 2005. Effect of hinge location on corneal sensation and dry eye after laser in situ keratomileusis for myopia. *J. Cataract Refract. Surg.* 31, 1881–1887. <https://doi.org/10.1016/j.jcrs.2005.03.074>
- Wei, Y., Du, Z., Chen, D., Afreen, J., Chen, V., 2013. The Role of the Secretory Group IIa Phospholipase A2 (sPLA2-IIa) in Ocular Surface Inflammation. *JSM Ophthalmol* 2, 1–2.
- Yang, A.Y., Chow, J., Liu, J., n.d. Corneal Innervation and Sensation: The Eye and Beyond 9.