

DAFTAR PUSTAKA

- Akcay K, et al, The effect of antihypertensive therapy on dry eye disease. *Arch Ophthalmology*, 2014 Andersen SL, Ager A, McGreevy P, Schuster BG, Wesche D, Kuschner R, et al. Activity of azithromycin as a blood schizontocide against rodent and human plasmodia in vivo. *Am J Trop Med Hyg.* 1995;
- Bakar O, Demircay Z, Toker E, Cakir S. Ocular signs, symptoms and tear function tests of papulopustular rosacea patients receiving azithromycin. 2009;
- Blackie CA, Solomon JD, Greiner JV, Holmes M, Korb DR. Inner eyelid surface temperature as a function of warm compress methodology. *Optom Vis Sci.* 2008;
- Bron AJ, Benjamin L, Snibson GR. Meibomian gland disease. classification and grading of lid changes. *Eye.* 1991;
- Brunton L, Parker K, Blumenthal D, Buxton I. Goodman & Gilman's: manual of pharmacology and therapeutics. Edisi 11. New York: McGraw Hill; 2008. P. 661 – 94.
- Butovich IA. The Meibomian Puzzle : Combining pieces together. 2009;28(6) : 483-498.
- Butovich IA. Lipidomics of human meibomian gland secretions : Chemistry, biophysics, and physiological role of meibomian lipids. *Prog Lipid Res.* 2011; 50(3) : 278-301.
- Butovich IA, Arciniega JC, Wojtowicz JC. Meibomian lipid films and the impact of temperature. *Invest. Ophthalmol. Vis. Sci.* 2010;51(11): 5508-5518.
- Butovich IA, Millar TJ, Ham BM. Understanding and analyzing meibomian lipids-a review. *Curr Eye Res.* 2008;33(5):405-420.
- Craig J, Structure and function of the Preocular Tear Film in The Tear film Structure Function and Clinical Examination, Butterworth Heinemann, 2002:18-44. DEWS report, *The Ocular surface* 2007; 5 (2). Dougherty JM, McCulley JP, Silvany RE, Meyer DR. The role of tetracycline in chronic blepharitis. Inhibition of lipase production in staphylococci. *Invest Ophthalmol Vis Sci.* 1991;32:2970 – 2975.
- Dougherty JM, McCulley JP, Comparative bacteriology of chronic blepharitis, *Br J Ophthalmol.* 1984;68: 524-528.
- Enus S, Djungdjunan Ardy. Disfungsi Kelenjar Meibom sebagai dasar sindrom mata kering, Departemen Ilmu Kesehatan Mata FK Universitas Padjadjaran. 2013
- Finis D, Schrader S, Geerling G. Meibomian gland dysfunction. 2012; 229(5): 506-513. [doi: 10.1055/s-0031-1299533.Epub2012 May 16].
- Foulks GN, Borchman D, Yappert M, et al. Topical Azithromycin therapy of meibomian gland dysfunction : Clinical response and lipid alterations. *Cornea.* 2010; 29(7): 781-788.
- Foulks GN, Borchman D, Yappert M, Kakar S, Topical azithromycin and oral doxycycline therapy of meibomian gland dysfunction: a comparative clinical and spectroscopic pilot study, *Cornea*, 2013 Jan;32(1):44-53.
- Foulks GN. The correlation between the tear film lipid layer and *dry eye* disease. *Survey of ophthalmology.* 2007 Aug 31;52(4):369-74.

- Geerling G, Tauber J, Baundouin C, et al. The International workshop on meibomian gland dysfunction : report of the subcommittee on management and treatment of meibomian gland dysfunction. *Invest. Ophthalmol. Vis.Sci.* 2011;52(4): 2050-2064.
- Gilbard JP, Dry eye, blepharitis and chronic eye irritation : dive and conquer, *J Ophthalmic Nurs Technol.* 1999 May; 18(3): 109-15.
- Girsang W, Gondhowiarjho TD, Efek tetrasiklin pada stabilitas lapisan air mata pada penderita disfungsi kelenjar meibom, Tesis, Bagian IP Mata FK-UI, 1999.
- Goto E, Shimazaki J, Monden Y, et al. Low-concentration homogenized castor oil eye drops for noninflamed obstructive meibomian gland dysfunction. *Ophthalmology.*2002; 109: 2030– 2035.
- Harris WS, Mozaffarian D, Rimm E, dkk. Omega-6 fatty acids and risk for cardiovascular disease a science advisory from the American Heart Association Nutrition Subcommittee of the Council on Nutrition, Physical Activity, and Metabolism; Council on Cardiovascular Nursing; and Council on Epidemiology and Prevention. *Circulation.* 2009 Feb 17;119(6):902-7
- Heiligenhaus A, Koch JM, Kruse FE, et al. Diagnosis and differentiation of dry eye disorders, *Ophthalmologie,* 1995, Feb;92(1):6-11.
- Henriquez AS, Korb DR. Meibomian glands and contact lens wear. *Br J Ophthalmology.* 1981;65:108–111.
- Horwarth, Winter J, Berghold A, Schmut O, et al, Evaluation of the clinical course of dry eye syndrome, *Arc. Ophthalmol,* 2003; 121 : 1364- 1368.
- Igami TZ, Holzchuh R, Osaki TH, et al, Oral azithromycin for treatment of posterior blepharitis. *Cornea* 2011; 30:1145-9.
- Jay J et.al, MGD was highly prevalent in this Asian population and associated with various systemic and ocular conditions, *Cornea* 2012;31:1223–1228.
- Jester JV, Nicolaidis N, Palvolgyi IK, Smith RE. Meibomian gland dysfunction, The role of keratinization in a rabbit model of MGD. *Invest.Ophthalmol.Vis.Sci.* 1989; 30(5): 936-945.
- Joffre C, Souchier M, Gregoire S, et al. Differences in meibomian fatty acid composition in patients with meibomian gland dysfunction and aqueous-deficient dry eye. *Br J Ophthalmology.* 2008;92 : 116-119.
- Knop E, Knop N, Millar T, Obata H, Sullivan DA. The International workshop on meibomian gland dysfunction : report of the subcommittee on anatomy, physiology, and pathophysiology of the meibomian gland. *Invest. Ophthalmol. Vis. Sci.* 2011;52(4) : 1938- 1978.
- Korb DR, Henriquez AS. Meibomian gland dysfunction and contact lens intolerance. *American Optometric Association.* 1980; 51(3): 243-251.
- Kulacoglu DN, Ozbek A, Uslu H, et al. Comparative lid flora in anterior blepharitis. *Turk J Med Sci.* 2001;31: 359-363.

- Lee H, Min K, Kim EK, Kim T, Minocycline controls clinical outcomes and inflammatory cytokines in moderate and severe meibomian gland dysfunction. *Am J Ophthalmol.* 2012;154:949-957.
- Liesegang,TJ. Tear Film. In *Fundamentals and Principles of ophthalmology, Basic and Clinical Science Course, Sec. 2.* American Academy of Ophthalmology: San Fransisco.2009
- Lin et.al, Meibomian Gland Dysfunction in Type 2 Diabetic Patients, *J Ophthalmol.* 2017; 2017: 3047867.
- Macsai MS. The role of omega-3 dietary supplementation in blepharitis and meibomian gland dysfunction (an AOS thesis).2008 Dec;106:336-56.
- Mathers WD, Shields WJ, Sachdev MA, Petroll WM, Jester JV. Meibomian gland dysfunction in chronic blepharitis. *Cornea.* 1991;10:277–285.
- McCulley JP, Shine WE. Changing concepts in the diagnosis and management of blepharitis. *Cornea.* 2000;19:650–658
- Millar TJ, Mudgil P, Khanal S. Meibomian glands and lipid layer. University of Western Sydney 2010.
- Muliana, Syawal SR, Sirajuddin J. Efek Pemberian Dosisiklin Oral Pada Penatalaksanaan Disfungsi Kelenjar Meibom dengan *Dry eye*. Tesis Program Pasca Sarjana Fakultas Kedokteran Universitas Hasanuddin. 2014.
- Musaddik, AF, Syawal R, Sirajuddin J, Hubungan antara derajat dry eye dan sitologi impresi dengan profil bakteri konjungtiva pada sindrom dry eye, Tesis, Bagian IK Mata, FK-UNHAS, 2011.
- Mohsen Bahmani, Ali Jalili, Victoria Kiavash. Oral azithromycin versus doxycycline in meibomian gland dysfunction: a randomised double masked open label clinical trial. Eye research center, University of Medical sciences, Tehran, Iran. 2014.
- Moss SE, Klein R, Klein B, Incidence of dry eye in older population, *Arch Ophthalmol*, 2004.
- Nagy I, Pivarcsi A, Kis K, et al. Propionibacterium acnes and lipopolysaccharide induce the expression of antimicrobial peptides and proinflammatory cytokines/chemokines in human sebocytes.*Microbes Infect.* 2006;8:2195–2205.
- Nelson JD, Shimazaki J, Benitez-Del-Castillo JM, et al. The International workshop on meibomian gland dysfunction : report of the definition and classification subcommittee.
- Nichols KK, Foulks GN, Bron AJ, et al. The International workshop on meibomian gland dysfunction : executive summary. *Invest. Ophthalmol. Vis. Svi.* 2011; 52(4): 1922-1929.
- Nien CJ, Paugh JR, Massei S, et al. Age-related changes in the maibomian gland. *Exp Eye Res.* 2009; 89(6) : 1021-1027.
- Norn M. Expressibility of meibomian secretion: relation to age, lipid precorneal film, scales, foam, hair and pigmentation. *Acta Ophthalmol (Copenh).* 1987;65:137–142.

- Olenik et.al, Benefits of omega-3 fatty acid dietary supplementation on health-related quality of life in patients with meibomian gland dysfunction, *Clin Ophthalmol*. 2014; 8: 831–836.
- Perry HD. Topical cyclosporine use in Meibomian gland dysfunction. *US sensory disorders*, 2006; 17-19.
- Pflugfelder SC, Lokeshwar BL, Selzer M, Methods and compositions for treating meibomian gland disease, US Patent Application Publication, sep 4, 2008.
- Pflugfelder SC, Tseng S, Sanabria O, et al. Evaluation of subjective assessments and objective diagnostic tests for diagnosing tear-film disorders known to cause ocular irritation. *Cornea*. 1998;
- Pinazo-Durán MD, Galbis-Estrada C, Pons-Vázquez S, Cantú-Dibildox J, Marco-Ramírez C, Benítez-del-Castillo J. Effects of a nutraceutical formulation based on the combination of antioxidants and ω -3 essential fatty acids in the expression of inflammation and immune response mediators in tears from patients with *dry eye* disorders. *Clinical interventions in aging*. 2013;8:139-148.
- Rezka, Syawal SR, Sirajuddin J. Perbandingan efektivitas antara pemberian doksisisiklin dengan omega-3 pada Disfungsi Kelenjar Meibom Dengan *Dry Eye*. Tesis. Program Pasca Sarjana Fakultas Kedokteran Universitas Hasanuddin. 2017.
- Ronald, Syawal SR, Sirajuddin J. Efek Pemberian Asam Lemak Esensial Omega-3 Pada *Dry eye*. Tesis. Program Pasca Sarjana Fakultas Kedokteran Universitas Hasanuddin. 2016.
- Sanchez B. Frequency of blepharitis in daily ophthalmological practice. *Cornea*. 2011
- Sanchez MA, Torralbo-Jimenez P, Giron N, et al. Comparative analysis of carmellose 0.5% versus hyaluronate 0.15% in dry eye: a flow cytometric study. *Cornea*. 2010;29:167–171.
- Schaumberg DA, Nichols JJ, Papas EB, Tong L, et al. The International workshop on meibomian gland dysfunction : Report of the subcommittee on the Epidemiology of, and associated risk factors for MGD. *Ophthalmol. Vis. Sci*. 2011;52(4):1994-2005.
- Shimazaki J, Sakata M, Tsuboha K, Ocular surface change and discomfort in patients with meibomian gland dysfunction, *Arc.Ophthalmol*,1995; 113 :1266-1270.
- Shimazaki J, Goto E, Ono M, Shimmura S, Tsubota K. Meibomian gland dysfunction in patients with Sjogren syndrome. *Ophthalmol*. 1998; 105(8):1485-1488.
- Souchier M, et al. Change in meibomian fatty acids and clinical signs in patients with meibomian gland dysfunction after minocycline treatment. *Br J Ophthalmol* 2008;92:819-822.
- Sullivan AD, et al. Androgen deficiency, Meibomian gland dysfunction, and Evaporative dry eye. *Annals of the New York Academy of Sciences*, 966;2006.
- Syawal,R. Suatu cakrawala baru mengenai pathogenesis dan penanganan sindrom dry eye. *J.Medika Nusantara*, 2005;26 :84-87.
- Syawal R & Muliana, *Disfungsi Kelenjar Meibom*, Hasanuddin University Press, 2016.

- Tomlison A, Bron AJ, Korb DR, et al. The International workshop on meibomian gland dysfunction : report of the diagnosis subcommittee, Invest. Ophthalmol. Vis. Sci. 2011;52(4):2006-2049.
- Uchino et al. The Features of dry eye disease in a Japanese Elderly population. Optometry and Vision Science, 2006 Nov; 83 (11): 797-802.
- Valentin S, Morales A, Sanchez JL, Rivera A, Safety and efficacy of doxycycline in the treatment of rosacea, Clinical, Cosmetic and Investigational Dermatology, 2009 : 2.
- Widiastuti RS, dkk. Pengaruh vit A oral terhadap metaplasia epitel konjungtiva pada penatalaksanaan disfungsi kelenjar Meibom, Kedokteran Universitas Diponegoro, 2003.
- Yang Liu, MD, Wendy R. Kam, MS, Juan Ding, PhD, and David A. Sullivan, PhD. Can Tetracycline Antibiotics Duplicate the Ability of Azithromycin to Stimulate Human Meibomian Gland Epithelial Cell Differentiation?. Wolters Kluwer Health, Inc. 2015
- Yoo SE, Lee DC, Chang MH. The effect of low-dose doxycycline therapy in chronic meibomian gland dysfunction. Kor J Ophthalmol. 2005; 19(4): 258-263.
- Yu et.al, Changes of meibomian glands in patients with type 2 diabetes mellitus, 2016; 9(12):1740-1744.
- Zulhidya L, Gondhowiardjo TD, Efek vit A topikal terhadap epitel permukaan mata dan kualitas musin lapisan air mata, Ilmu Penyakit Mata FKUI/RSUPN Cipto Mangunkusumo, Jakarta, 2001.