

DAFTAR PUSTAKA

- Adityan, B., Kumari, R., Thappa, D.M. 2009. Scoring systems in acne vulgaris. *Indian J Dermatol Venereol Leprol*, 75(3):323–326
- Ain, Q.U., Sarfraz, M., Prasesti, G.K., Dewi, T.I., Kurniati, N.F. 2021. Confounders in Identification and Analysis of Inflammatory Biomarkers in Cardiovascular Diseases. *Biomol*, 5;11(10):1464.
- Albalat, W.M., Elsaid, H.H., Ibrahim, H.H. 2021. "Correlation Between Interleukin-19 Concentration And Acne Vulgaris". *Eur J Mol Clin Med*, 8 (2): 2470-2475
- Al Hussein, S., Al Hussein, H., Vari, C., Todoran, N., Al Hussein, H.[Hamida]., Ciurba, A., *et al.* 2016. Diet, Smoking and Family History as Potential Risk Factors in Acne Vulgaris – a Community-Based Study. *Acta Marisiensis Seria Med*, 62 (2): 173-181.
- Alsulaimani, H., Kokandi, A., Khawandanh, S., Hamad, R. 2020. Severity of Acne Vulgaris: Comparison of Two Assessment Methods. *Clin Cosmet Investig Dermatol*, 13: 711–716.
- Bagatin, E., Freitas, T.H.P., Machado, M.C.R., Ribeiro, B.M., Nunes, S. 2019. Adult female acne: a guide to clinical practice. *An Bras Dermatol*, 94: 62-75.
- Bondade, S., Hosthota, A., Basavaraju, V. 2019. Stressful life events and psychiatric comorbidity in acne-a case control study. *Asia Pac Psychiatry*, 11: e12340.
- Beylot, C., Auffret, N., Poli, F., Claudel, J.P., Leccia, M.T., Del-Giudice, P., *et al.* 2014. *Propionibacterium acnes*: an update on its role in the pathogenesis of acne. *J Eur Acad Dermatol Venereol*, 28:271-278.
- Calder, P.C., Bosco, N., Bourdet-Sicard, R., Capuron, L., Delzenne, N., Doré, J., *et al.* 2017. Health relevance of the modification of low grade inflammation in ageing (inflammageing) and the role of nutrition. *Ageing Res Rev*, 40:95-119.
- Chi, C.C., Wang, J., Chen, Y.F., Wang, S.H., Chen, F.L., Tung, T.H. 2015. Risk of incident chronic kidney disease and end-stage renal disease in patients with psoriasis: A nationwide population-based cohort study. *J Dermatol Sci*, 78(3):232-238.
- Christ, A., Lauterbach, M., Latz, E. 2019. Western Diet and the Immune System: An Inflammatory Connection. *Immunity*, 9;51(5):794-811.
- Danby, F.W. 2014. Ductal hypoxia in acne: is it the missing link between comedogenesis and inflammation? *J Am Acad Dermatol*, 70: 948–949.
- Dreno, B., Gollnick, H. P. M., Kang, S., Thiboutot, D., Bettoli, V., Torres, V., *et al.* 2015. Understanding innate immunity and inflammation in acne: implications for management. *J Eur Acad Dermatol Venereol*, 2:3–11.
- Dréno B. 2017. What is new in the pathophysiology of acne, an overview. *J Eur Acad Dermatol Venereol*, Suppl 5:8-12

- Dreno, B., Shourick, J., Kerob, D., Bouloc, A., Taïeb, C. 2020. The role of exposome in acne: results from an international patient survey. *J Eur Acad Dermatol Venereol*, 34(5):1057-1064.
- El-Taweel, A.A., Salem, R.M., El-Shimi, O.S., Bayomy, H.E.A., Mohammed, S.O. 2019. Type I and type II acute-phase proteins in acne vulgaris. *J. Egypt. Women's Dermatologic Soc*, 16(1):31-36.
- Eckschlager, C., Schwenoha, K., Roth, C., Bogner, B., Oostingh, G.J. 2019. Comparative analysis of high CRP-levels in human blood using point-of-care and laboratory-based methods. *Pract Lab Med*, 17:e00137.
- Firlej, E., Kowalska, W., Szymaszek, K., Roliński, J., Bartosińska, J.J. 2022. The Role of Skin Immune System in Acne. *Clin Med*, 13;11(6):1579.
- Fitz-Gibbon, S., Tomida, S., Chiu, B.H., Nguyen, L., Du, C., Liu, M., *et al.* 2013. Propionibacterium acnes strain populations in the human skin microbiome associated with acne. *J Invest Dermatol*, 133: 2152–2160.
- Febyan., Wetarini, K. 2020. Acne vulgaris in adults: a brief review on diagnosis and management. *Int J Res*, 7 (5): 246-252.
- Fonseca, F.A., Izar, M.C. 2016. High-Sensitivity C-Reactive Protein and Cardiovascular Disease Across Countries and Ethnicities. *Clinics*, 71 (4): 235-242.
- Furman, D., Campisi, J., Verdin, E., Carrera-Bastos, P., Targ, S., Franceschi, C., *et al.* 2019. Chronic inflammation in the etiology of disease across the life span. *Nat Med*, 25 (12): 1822-1832
- George, R.M., Sridharan, R. 2018. Factors Aggravating or Precipitating Acne in Indian Adults: A Hospital-Based Study of 110 Cases. *Indian J Dermato*, 63(4):328-331.
- Ghamri, R.A., Alghalayini, K.W., Baig, M. 2022. Correlation of Cardiovascular Risk Parameters with Serum IL.6 and C-RP in Myocardial Infarction. *Niger J Clin Pract*, 25(3):299-303.
- Goh, C., Cheng, C., Agak, G., Zaenglein, A., Graber, E., Thiboutot, D., Kim, J., editors. 2019. *Fitzpatrick's dermatology*. 9th ed. New York, McGraw-Hill Education.
- Goh, C.L., Noppakun, N., Micali, G., Azizan, N.Z., Boonchai, W., Chan, Y., *et al.* 2016. Meeting the Challenges of Acne Treatment in Asian Patients: A Review of the Role of Dermocosmetics as Adjunctive Therapy. *J Cutan Aesthet Surg*, 9 (2): 85-92.
- Heng, A.H.S., Say, Y.-H., Sio, Y.Y., Ng, Y.T., Chew, F.T. 2022. Epidemiological Risk Factors Associated with Acne Vulgaris Presentation, Severity, and Scarring in a Singapore Chinese Population: A Cross-Sectional Study. *Dermatol*, 238:226-235.
- Holzmann, R., Shakery, K. 2014. Postadolescent acne in females. *Skin Pharmacol Physiol*, 1:3-8.
- Ji, J., Zhang, R.H., Li, H.M., Guo, Q., Zhang, L.L., Zhu, J., *et al.* 2018. Correlations of SOX9 expression with serum IGF1 and inflammatory cytokines IL-1α and IL-6 in skin lesions of patients with acne. *Eur Rev Med Pharmacol Sci*, 22 (9): 2549-2555.

- Karabay, E.A., Cerman, A.A. 2019. Serum Levels of 25-Hydroxyvitamin-D and C-Reactive Protein in Acne Vulgaris Patients. *Turkiye Klinikleri J Dermatol*, 29 (1): 1-6.
- Kaur, S., Kingo, K., Zilmer, M. 2017. "Psoriasis and Cardiovascular Risk—Do Promising New Biomarkers Have Clinical Impact?", *Mediators Inflamm*, 2017:7279818.
- Lynn, D.D., Umari, T., Dunnick, C.A., Dellavalle, R.P. 2016. The epidemiology of acne vulgaris in late adolescence. *Adolesc Health Med Ther*, 7:13-25.
- Minihane, A.M., Vinoy, S., Russell, W.R., Baka, A., Roche, H.M., Tuohy, K.M., et al. 2015. Low-grade inflammation, diet composition and health: current research evidence and its translation. *Br J Nutr*, 114 (7): 999-1012.
- Mohammed, R.H.E., Mohammed, G.F., Abd-el-hamid, A.S., Eyada, M. 2016. Correlation of IL-8 and C - Reactive Protein Serum Levels with the Severity of Inflammatory Acne Vulgaris: A Comparative Study. *RC J Dermatol*, 1(1):10–15
- Mohiuddin, A.K. 2019. A Comprehensive Review of Acne Vulgaris. *J Clin Pharm*, 1(1):17-45.
- Monib, K.M.E., El-Fallah, A.A., Salem, R.M. 2022. Inflammatory markers in acne vulgaris: Saliva as a novel diagnostic fluid. *J Cosmet Dermatol*, 21 (3): 1280-1285.
- Moreno-Arrones, O.M., Boixeda, P. 2016. The Importance of Innate Immunity in Acne. *Actas Dermosifiliogr*, 107(10):801-805
- Muilwijk, M., Nieuwdorp, M., Snijder, M.B., Hof, M.H.P., Strons, K., van Valekngood, I.G.M. 2019. The high risk for type 2 diabetes among ethnic minority populations is not explained by low-grade inflammation. *Sci Rep*, 9 (1): 19871-19879.
- Namazi, M.R., Parhizkar, A.R., Jowkar, F. 2015. Serum levels of hypersensitive - C-reactive protein in moderate and severe acne. *Indian Dermatol Online J*, 6:253–257.
- Oge', L.K., Broussard, A., Marshall, M.D. 2019. Acne Vulgaris: Diagnosis and Treatment. *Am Fam Physician*, 100 (8): 475-484
- Pokharel, G., Harish, B. 2014. Acne Vulgaris: knowledge and attitude among Nepali school students. *International Journal of Nursing Research and Practice*, 1(1): 29-33.
- Qin, M., Pirouz, A., Kim, M.H., Krutzik, S.R., Garbán, H.J., Kim, J. 2013. Propionibacterium acnes induces IL-1[beta] secretion via the NLRP3 inflammasome in human monocytes. *J Invest Dermatol*, 134(2):381-388.
- Sadanand, C.D., Anitha, J., Raveesh, P.M. 2015. Relation between high sensitivity C reactive protein to obesity among indians. *Int J Med Sci Public Health*, 4:1523-152
- Sutaria, A.H., Masood, S., Schlessinger, J. 2022. Acne Vulgaris. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK459173/>
- Rahmayani, T., Putra, I.B., Jusuf, N.K. 2019. Association of serum interleukin-10 (IL-10) with the severity of acne vulgaris. *Bali Medi J*, 8(3): 573-576.

- Rönnbäck, C., Hansson, E. 2019. The Importance and Control of Low-Grade Inflammation Due to Damage of Cellular Barrier Systems That May Lead to Systemic Inflammation. *Front Neurol*, 29 (10): 533-541.
- Rosen, J., Friedman, A.J. 2014. Inflammatory acne: new developments in pathogenesis and treatment. *Cutis*, 94(6):266-267.
- Shubham, K., Rani, V., Kumar, P. 2020. Acne Vulgaris Profile: A study at a tertiary care centre in North India. *IOSR J Dent Med Sci*, 9 (6): 40-46.
- Sproston, N.R., Ashworth, J.J. 2018. Role of C-Reactive Protein at Sites of Inflammation and Infection. *Front Immunol*, 13 (9): 754-765.
- Strowig, T., Henao-Mejia, J., Elinav, E., Flavell, R. 2012. Inflammasomes in health and disease. *Nature*, 481:278–286.
- Suppiah, T.S.S., Sundram, T.K.M., Tan, E.S.S., Lee, C.K., Bustami, N.A., Tan, C.K. 2018. Acne vulgaris and its association with dietary intake: a Malaysian perspective. *Asia Pac J Clin Nutr*. 27 (5): 1141-1145.
- Sutrisno, A.R., Jusuf, N.K., Putra, I.B. 2020. Correlation between Stress Scale and Severity of Acne Vulgaris. *Bali Med J*, 9(1): 376-379
- Suzuki, K., Shivappa, N., Kawado, M., Yamada, H., Hashimoto, S., Wakai, K., *et al.* 2020. Association between dietary inflammatory index and serum C-reactive protein concentrations in the Japan Collaborative Cohort Study. *Nagoya J Med Sci*, 82(2):237-249.
- Tabasum, H., Ahmad, T., Anjum, F., Rehman, H. 2013. The Historic Panorama of Acne Vulgaris. *Int J of AYUSH*, 1(2):99-104.
- Tan, A.U., Schlosser, B.J., Paller, A.S. 2017. A review of diagnosis and treatment of acne in adult female patients. *Int J Womens Dermatol*, 4 (2): 56-71.
- Tan, J.K., Bhate, K. 2015. The estimation of the prevalence of acne vulgaris in adolescent ranges from 30 to 90 percent. A global perspective on the epidemiology of acne. *Br J Dermatol*, 172 (1):3-12.
- Tan, S.T., Firmansyah, Y. 2021. New Drug Formulations For Acne Vulgaris – Pathogenesis Based Treatment of Acne Vulgaris. *Jurnal Medika Hutama*, 2(4):1021-1026.
- Tong, D.C., Whitbourn, R., MacIsaac, A., Wilson, A., Burns, A., Palmer, S., *et al.* 2018. High-Sensitivity C-Reactive Protein Is a Predictor of Coronary Microvascular Dysfunction in Patients with Ischemic Heart Disease. *Front Cardiovasc Med*, 12;4:81.
- Wasitaatmadja, S., Arimuko, A., Norawati, L., Bernadette, I., Legiawati, L., editors. 2015. *Pedoman tata laksana akne di Indonesia*. 2nd ed. Jakarta.
- Wibisono, E.A., Indramaya, D.M., Rochmanti, M. 2020. Retrospective Study: Initial Pharmacotherapy Profile of New Acne Vulgaris Patients. *Jurnal Berkala Epidemiologi*, 8 (3): 236 – 245
- Wong, A., Zhang, B., Jiang, M., Gong, E., Zhang, Y., Lee, S.W. 2016. Oxidative Stress in Acne Vulgaris. *J Clin Dermatol Ther*, 3: 020
- Zhang, B., Choi, Y.M., Lee, J. An, I.S., Li, L., He, C., *et al.* 2019. Toll-like receptor 2 plays a critical role in pathogenesis of acne vulgaris. *Biomed Dermatol*, 3:4-10