

## DAFTAR PUSTAKA

- Abdurachman, N. I. D. N., Kharomah, A., Tofinashri, A., NUHA, H., SARI, D. R. P., ADMAYANTI, A., ... & ANGGRAINI, R. N. 2016. *Mudah Akupunktur Melalui Anatomi*. Arti Bumi Intaran. Yogyakarta.
- Aggarwal, B. B., Yuan, W., Li, S., & Gupta, S. C. 2013. *Curcumin-free turmeric exhibits anti-inflammatory and anticancer activities: Identification of novel components of turmeric*. Molecular nutrition & food research 57(9): 1529-1542.
- Agrawal, R., Sandhu, S. K., Sharma, I., & Kaur, I. P. 2015. *Development and evaluation of curcumin-loaded elastic vesicles as an effective topical anti-inflammatory formulation*. AAPS PharmSciTech 16(2): 364-374.
- AK, Mohiuddin. 2019. *A Comprehensive Review of Acne Vulgaris*. J Clin Pharm 1: 17-45.
- Al-Rohaimi, A. H. 2015. *Comparative anti-inflammatory potential of crystalline and amorphous nano curcumin in topical drug delivery*. Journal of oleo science 64(1): 27-40.
- Al-Nabati, N. A., Al-Hejin, A. M., Mleeh, N. T., & Mohammed, N. 2019. *The Role of Propioni Bacterium acnes in Acne Vulgaris*. Advances in Environmental Biology 13(4): 18-23.
- Alexeyev, O. A., Dekio, I., Layton, A. M., Li, H., Hughes, H., Morris, T., ... & Patrick, S. 2018. *Why we continue to use the name Propionibacterium acnes*. British Journal of Dermatology 179(5):1227-1227.
- Babar, O., & Mobeen, A. (2019). *Prevalence and Psychological Impact of Acne Vulgaris in Female Undergraduate Medical Students of Rawalpindi and Islamabad*, Pakistan. Cureus 11(9).
- Balachandrudu, B., Niveditadevi, V., & Rani, T. P. 2015. *Hormonal pathogenesis of acne-simplified*. Int J Sci Stu 3(1): 183-5.
- Badan Pengawas Obat dan Makanan Republik Indonesia. 2011. *Acuan Sediaan Herbal Volume ke-6*, Edisi 1. BPOM. Jakarta.
- Badan Pengawas Obat dan Makanan Republik Indonesia. 2012. *Acuan Sediaan Herbal Volume ke-7*, Edisi 1. BPOM. Jakarta.
- Carrión-Gutiérrez, M., Ramírez-Bosca, A., Navarro-López, V., Martínez-Andrés, A., Asín-Llorca, M., Bernd, A., & Horga de la Parte, J. F. 2015. *Effects of Curcuma extract and visible light on adults with plaque psoriasis*. European Journal of Dermatology 25(3): 240–246.
- Castangia, I., Nácher, A., Caddeo, C., Valenti, D., Fadda, A. M., Díez-Sales, O., ... Manconi, M. 2014. *Fabrication of quercetin and curcumin bionanovesicles for the prevention and rapid regeneration of full-thickness skin defects on mice*. Acta Biomaterialia 10(3): 1292–1300.
- Cui, Z., Xin, M., Yin, H., Zhang, J., & Han, F. 2015. *Topical use of olive oil preparation to prevent radiodermatitis: results of a prospective study in nasopharyngeal carcinoma patients*. International journal of clinical and experimental medicine 8(7): 11000.
- Connolly, D., Vu, H. L., Mariwalla, K., & Saedi, N. 2017. *Acne scarring pathogenesis, evaluation, and treatment options*. The Journal of clinical and aesthetic dermatology 10(9): 12.

- Chanda, S., & Ramachandra, T. V. 2019. *Phytochemical and Pharmacological Importance of Turmeric (Curcuma longa)*: A Review. *Research & Reviews: A Journal of Pharmacology* 9(1): 16-23p.
- Chung, S., Cha, S., Lee, S. Y., Park, J. H., & Lee, S. 2017. *The five elements of the cell*. *Integrative medicine research* 6(4): 452-456.
- Deogade, S. C., & Ghate, S. (2015). *Curcumin: therapeutic applications in systemic and oral health*. *Int J Biol Pharma Res* 6: 281-290.
- European Medicine Agency. 2017. *Assessment report on Curcuma longa L. (C.domestica Valeton), rhizome draft revision*. European Medicine Agency Science medicine health:EMA/HMPC/749518/2016.
- Fattah Abdel, A. A., & Tawfik, M. F. 2016. *Antioxidant Activities of Raw and Nano Turmeric (Curcuma longa L.) Powders*. *Journal of Food and Dairy Sciences* 7(10): 443-450.
- Ghanbari, R., Anwar, F., Alkharfy, K. M., Gilani, A. H., & Saari, N. 2012. Valuable nutrients and functional bioactives in different parts of olive (*Olea europaea L.*) a review. *International journal of molecular sciences* 13(3): 3291-3340
- Gendo, M. U. 2006. *TEORI DASAR KEDOKTERAN TRADISIONAL CINA*. Kanisius. Yogyakarta.
- Gunes, H., Gulen, D., Mutlu, R., Gumus, A., Tas, T., & Topkaya, A. E. 2016. *Antibacterial effects of curcumin: an in vitro minimum inhibitory concentration study*. *Toxicology and industrial health* 32(2): 246-250.
- Hartoyo, R. K. T., & Ong, M. F. K. 2013. *Pemahaman Tabib Etnis Tionghoa di Surabaya Mengenai Yīnyáng* 沁水中医对阴阳之理解. *Century: Journal of Chinese Language, Literature and Culture* 1(1).
- Hempen, C. H., & Fischer, T. 2009. *A materia medica for chinese medicine: plants, minerals, and animal products*. Elsevier Health Sciences.
- Hutauruk, T. A. 2019. *HUBUNGAN STRES PSIKOLOGIS TERHADAP DERAJAT KEPARAHAN AKNE VULGARIS PADA SISWA-SISWI KELAS XII SMA SWASTA RAKSANA MEDAN*.
- Izzaty, N. R., Imandiri, A., & Suciati, S. 2017. *Secondary Amenorrhea Therapy With Acupuncture And Turmeric-Fenugreek Herbal*. *Journal of Vocational Health Studies* 1(1): 27-31.
- Jie, Sim Kie. 1997. *Dasar Teori Ilmu Akupuntur*. PT. Gramedia Widiasarana Indonesia. Jakarta .
- Kastner, J. 2004. *Chinese nutrition therapy: dietetics in traditional Chinese medicine (TCM)*. Georg Thieme Verlag.
- Kaur, I. 2017. *Complementary and alternative medicine (CAM) in acne vulgaris*. *Res Clin Dermatol*. 2018; 1 (1): 18-19 also been used in the treatment of acne vulgaris. According to the naturopathic medicine, body has its own power to heal itself and dietary changes and yoga have direct influence on the skin diseases like acne by modulation of inflammatory cytokines [6, 13, 14]. Conclusion Various complementary and alternative medicine modalities have been introduced and found to have an important role in management of .... *J Dermatology Dermatologic Surg* 21: 66-71.
- Kim, J., Park, S., Jeon, B. S., Jang, W. S., Lee, S. J., Son, Y., ... & Lee, S. S. 2016. *Therapeutic effect of topical application of curcumin during treatment of radiation burns in a mini-pig model*. *Journal of veterinary science* 17(4): 435-444.

- Kumar, A., Singh, A. K., Kaushik, M. S., Mishra, S. K., Raj, P., Singh, P. K., & Pandey, K. D. 2017. *Interaction of turmeric (Curcuma longa L.) with beneficial microbes: a review.* 3 Biotech 7(6): 357.
- Kementerian Kesehatan RI. 2011. *Formularium Obat Herbal Asli Indonesia.* Kementerian Kesehatan Republik Indonesia. Jakarta.
- Kementerian Kesehatan RI. 2012. *Vademakum Tanaman Obat untuk Saintifikasi Jamu Jilid 1 (Edisi Revisi).* Kementerian Kesehatan Republik Indonesia. Jakarta.
- Kocaadam, B., & Şanlier, N. 2017. *Curcumin, an active component of turmeric (Curcuma longa), and its effects on health.* Critical reviews in food science and nutrition 57(13): 2889-2895.
- Kohli, M., Tomar, B. S., & Bilwal, R. 2019. *Prevalence and Demographic Profile of Skin Disorders in School-Going Children of Urban and Rural Jaipur.* Journal of Contemporary Medical Research 6(7): G6-G10.
- Kosmadaki, M., & Katsambas, A. 2017. *Topical treatments for acne.* Clinics in dermatology 35(2):173-178.
- Khandelwal, A. R., Rong, X., Moore-Medlin, T., Ekshyyan, O., Abreo, F., Gu, X., & Nathan, C. A. O. 2016. *Photoprotective effect and mechanism of AZD4547 and curcumin C3 complex on UVB-induced epidermal hyperplasia.* Cancer Prevention Research 9(4): 296–304.
- Krausz, A. E., Adler, B. L., Cabral, V., Navati, M., Doerner, J., Charafeddine, R. A., ... & Harper, S. 2015. *Curcumin-encapsulated nanoparticles as innovative antimicrobial and wound healing agent.* Nanomedicine: Nanotechnology, Biology and Medicine 11(1): 195-206.
- Liu, C.H.; Huang, H.Y. 2012. *Antimicrobial activity of curcumin-loaded myristic acid microemulsions against Staphylococcus epidermidis.* Chem. Pharm. Bull. (Tokyo) 60: 1118–1124.
- Lee, Y. B., Byun, E. J., & Kim, H. S. 2019. *Potential role of the microbiome in acne: A comprehensive review.* Journal of clinical medicine 8(7): 987.
- Lema, E. R. M. 2019. *Gambaran Konsep Diri Remaja Putri Dengan Acne Vulgaris Di Fakultas Keperawatan Universitas Airlangga Surabaya* (Doctoral dissertation, Universitas Airlangga).
- Lynn, D. D., Umari, T., Dunnick, C. A., & Dellavalle, R. P. 2016. *The epidemiology of acne vulgaris in late adolescence.* Adolescent health, medicine and therapeutics 7: 13.
- Maciocia, G. 1989. *The foundations of Chinese medicine* (p. 221). Churchill Livingstone.
- Mansu, S. S., Liang, H., Parker, S., Coyle, M. E., Wang, K., Zhang, A. L., ... & Xue, C. C. 2018. *Acupuncture for acne vulgaris: A systematic review and meta-analysis.* Evidence-Based Complementary and Alternative Medicine.
- Mansu, S. 2019. *Chinese herbal medicine and acupuncture for Acne Vulgaris: efficacy, patient preferences and health-related quality of life.*
- Marson, J. W., & Baldwin, H. E. 2019. *An Overview of Acne Therapy, Part 1: Topical therapy, Oral Antibiotics, Laser and Light Therapy, and Dietary Interventions.* Dermatologic clinics 37(2): 183-193.
- Mohiuddin, A. K. 2019. *Acne Protection: Measures and Miseries.* Dermatol Clin Res 5(1): 272-311.

- Muadifah, A., Amini, H. W., Putri, A. E., & Latifah, N. 2019. *AKTIVITAS ANTIBAKTERI EKSTRAK RIMPANG KUNYIT (Curcuma domestica Val) TERHADAP BAKTERI Staphylococcus aureus*. Jurnal SainHealth 3(1): 45-54.
- Muluye, R. A., Bian, Y., & Alemu, P. N. 2014. *Anti-inflammatory and antimicrobial effects of heat-clearing Chinese herbs: a current review*. Journal of traditional and complementary medicine 4(2): 93-98.
- Mulyawan, Dewi dan Nesi Suriana. 2013. *A-Z Tentang Kosmetik*. PT Alex Media Kompusindo. Jakarta.
- Motosko, C. C., Zakhem, G. A., Pomeranz, M. K., & Hazen, A. 2019. *Acne: a side-effect of masculinizing hormonal therapy in transgender patients*. British Journal of Dermatology 180(1): 26-30.
- Mehrabani, D., Farjam, M., Geramizadeh, B., Tanideh, N., Amini, M., & Panjehshahin, M. R. 2015. *The healing effect of curcumin on burn wounds in rat*. World journal of plastic surgery 4(1): 29.
- McLaughlin, J., Watterson, S., Layton, A. M., Bjourson, A. J., Barnard, E., & McDowell, A. 2019. *Propionibacterium acnes and acne vulgaris: new insights from the integration of population genetic, multi-omic, biochemical and host-microbe studies*. Microorganisms 7(5): 128.
- Nila, A., & Halim, M. 2013. Dasar-Dasar Farmakologi 2 kelas x Semester 2. Direktorat Pembinaan SMK.
- Pangemanan, A., Fatimawali., Budiarso. F. 2016. *Uji daya hambat ekstrak rimpang kunyit (Curcuma longa) terhadap pertumbuhan bakteri Staphylococcus aureus dan Pseudomonas sp*. Jurnal eBiomedik (eBM).Volume 4, Nomor 1.
- Panahi, Y., Fazlolahzadeh, O., Atkin, S. L., Majeed, M., Butler, A. E., Johnston, T. P., & Sahebkar, A. 2019. *Evidence of curcumin and curcumin analogue effects in skin diseases: A narrative review*. Journal of cellular physiology 234(2): 1165-1178.
- Parth, S. 2016. *Acne Vulgaris: An Update on Current Therapy and Advances in Treatment Strategies*. International Journal of Pharmaceutical Sciences Review and Research 40(1): 234-244.
- Purwanto, I. F., Imandiri, A., & Arifanti, L. 2018. *Combination Of Acupuncture Therapy And Turmericliquorice Herbs For Chronic Coughing Case*. Journal of Vocational Health Studies 1(3): 121-125
- Perkins, A. C., Cheng, C. E., Hillebrand, G. G., Miyamoto, K., & Kimball, A. B. 2011. *Comparison of the epidemiology of acne vulgaris among Caucasian, Asian, Continental Indian and African American women*. Journal of the European Academy of Dermatology and Venereology 25(9): 1054-1060.
- Perkins, A. C., Maglione, J., Hillebrand, G. G., Miyamoto, K., & Kimball, A. B. 2012. *Acne vulgaris in women: prevalence across the life span*. Journal of Women's Health 21(2): 223-230.
- PRASAD, S. B. 2016. *Acne vulgaris: A review on pathophysiology and treatment*. Asian J Pharm clin res 9(4): 54-59.
- Rigacci S and M Stefani. 2016. *Nutraceutical properties of olive oil polyphenols. An itinerary from cultured cells through animal models to humans*. International Journal of Molecular Sciences :843.

- Rathore, S., Mukim, M., Sharma, P., Devi, S., Nagar, J. C., & Khalid, M. 2020. *Curcumin: A Review for Health Benefits*. International Journal of Research and Review 7(1): 273-290.
- Raghavan, J. S., Fathima, S., Ameera, S., & Muhammed, K. 2019. *Clinical profile of acne vulgaris: an observational study from a tertiary care institution in Northern Kerala, India*. International Journal of Research 5(3): 476.
- Sahebkar A, Serbanc MC, Ursoniuc S, Banach M. 2015. *Effect of curcuminoids on oxidative stress: A systematic review and meta-analysis of randomized controlled trials*. J. Funct. Foods. 18: 898–909.
- Satriawan, A. B. I. K., & Mulyani, S. 2017. *Stability of Emulsion Cream Extract Turmeric (Curcuma domestica Val.) in Various Concentration*. Faculty of Agricultural Technology, Udayana University.
- Sun, L., Liu, Z., Wang, L., Cun, D., Tong, H. H., Yan, R., ... & Zheng, Y. 2017. *Enhanced topical penetration, system exposure and anti-psoriasis activity of two particle-sized, curcumin-loaded PLGA nanoparticles in hydrogel*. Journal of Controlled Release 254: 44-54.
- Sundari, R. 2016. *Pemanfaatan dan Efisiensi Kurkumin Kunyit (Curcuma domestica Val) Sebagai Indikator Titrasi Asam Basa*. Teknoin 22(8).
- Suva, M. A., Patel, A. M., Sharma, N., Bhattacharya, C., & Mangi, R. K. 2015. *A Brief Review on Acne Vulgaris: Pathogenesis, Diagnosis and Treatment*. Research & Reviews: Journal of Pharmacology 4(3).
- See, J. A., Goh, C. L., Hayashi, N., Suh, D. H., & Casintahan, F. A. 2018. *Optimizing the use of topical retinoids in Asian acne patients*. The Journal of dermatology 45(5): 522-528.
- Seth, V., & Mishra, A. 2015. *Acne vulgaris management: what's new and what's still true*. International Journal of Advances in Medicine 2(1): 1.
- Setiawati, S., Ilyas, F., Tabri, F., Djawad, K., & Alam, G. 2017. *A Comparison Between 0, 25% Tumeric Extract Cream and Grated Tumeric for Skin Discoloration*. American Journal of Clinical and Experimental Medicine 5(2): 50-55.
- Shen, Y., Wang, T., Zhou, C., Wang, X., Ding, X., Tian, S., ... & Wang, R. 2012. *Prevalence of acne vulgaris in Chinese adolescents and adults: a community-based study of 17,345 subjects in six cities*. Acta dermato-venereologica 92(1): 40-44.
- Snast, I., Dalal, A., Twig, G., Astman, N., Kedem, R., Levin, D., ... & Levi, A. 2019. *Acne and obesity: A nationwide study of 600,404 adolescents*. Journal of the American Academy of Dermatology 81(3): 723-729.
- Tan, J. K., & Bhate, K. 2015. *A global perspective on the epidemiology of acne*. British Journal of Dermatology 172: 3-12.
- Tortik, N., Steinbacher, P., Maisch, T., Spaeth, A., & Plaetzer, K. 2016. *A comparative study on the antibacterial photodynamic efficiency of a curcumin derivative and a formulation on a porcine skin model*. Photochemical & Photobiological Sciences 15(2): 187-195.
- Vollono, L., Falconi, M., Gaziano, R., Iacovelli, F., Dika, E., Terracciano, C., ... & Campione, E. 2019. *Potential of Curcumin in Skin Disorders*. Nutrients 11(9): 2169.
- Verma, R. K., Kumari, P., Maurya, R. K., Kumar, V., Verma, R. B., & Singh, R. K. 2018. *Medicinal properties of turmeric (Curcuma longa L.): A review*. IJCS 6(4): 1354-1357.
- Waghmare, P. R., Kakade, P. G., Takdhat, P. L., Nagrale, A. M., Thakare, S. M., & Parate, M. M. 2017. *Turmeric as Medicinal Plant for the Treatment of Acne Vulgaris*. PharmaTutor 5(4): 19-27.

- Wiznia, L. E., Stevenson, M. L., & Nagler, A. R. 2017. *Laser treatments of active acne*. Lasers in medical science 32(7): 1647-1658.
- World Health Organization. 1999. *WHO monographs on selected medicinal plants (Vol. 1)*. World Health Organization.
- Yadav, R. P., & Tarun, G. 2017. *Versatility of turmeric: A review the golden spice of life*. Journal of Pharmacognosy and Phytochemistry 6(1): 41-46.
- Yanfu, Z. 2002. *Surgery of Traditional Chinese Medicine*. Shanghai: Publishing House of Shanghai University of Traditional Chinese Medicine: 233-235.
- Yin, Ganglin; Zhenghua, Liu. 2000. *Advanced Modern Chinese Acupuncture Therapy*. New World Press. China.
- Zaenglein AL, Pathy AL, Schlosser BJ, et al. 2016. *Guidelines of care for the management of acne vulgaris*. J Am Acad Dermatol.
- Zaman, S. U., & Akhtar, N. 2013. *Effect of turmeric (Curcuma longa Zingiberaceae) extract cream on human skin sebum secretion*. Tropical Journal of Pharmaceutical Research 12(5): 665-669.
- Zhu, J., Arsovska, B., & Kozovska, K. 2017. *Acupuncture treatment for Acne vulgaris*. Imperial Journal of Interdisciplinary Research (IJIR) 3(8): 222-223.