

## DAFTAR PUSTAKA

- Akdeniz, M., Gabriel, S., Lichterfeld-Kottner, A., Blume-Peytavi, U., & Kottner, J. 2018. Transepidermal water loss in healthy adults: a systematic review and meta-analysis update. *British Journal of Dermatology*, 179(5), 1049–1055.
- Barrea, L., Savanelli, M. C., Di Somma, C., Napolitano, M., Megna, M., Colao, A., & Savastano, S. 2017. Vitamin D and its role in psoriasis: An overview of the dermatologist and nutritionist. *Reviews in Endocrine and Metabolic Disorders*, 18(2), 195–205.
- Bergler-czop, B., & Brzezińska-wcisło, L. 2016. Serum vitamin D level – the effect on the clinical course of psoriasis. *Advances in Dermatology and Allergology*, 6, 445–449.
- Bikle, D. D., Chang, S., Crumrine, D., Elalieh, H., Man, M. Q., Choi, E. H., ... Elias, P. M. 2004. 25 Hydroxyvitamin D 1  $\alpha$ -hydroxylase is required for optimal epidermal differentiation and permeability barrier homeostasis. *Journal of Investigative Dermatology*, 122(4), 984–992.
- Bikle, D. D. 2011. Vitamin D Metabolism and Function in the Skin. Molecular and cellular endocrinology. *Molecular and Cellular Endocrinology.*, 347(1–2), 80–89.
- Bikle, D. D. 2014. Vitamin D Metabolism, Mechanism of Action, and Clinical Applications. *Chem Biol.*, 21(3), 319–329.
- Boireau-Adamezyk, E., Baillet-Guffroy, A., & Stamatas, G. N. 2014. Age-dependent changes in stratum corneum barrier function. *Skin Research and Technology*, 20(4), 409–415.
- Bubshait, D. A., Al-Dakheel, D. A., & Alanii, F. M. 2018. Topical vitamin D3: A randomized controlled trial (RCT). *Clinical Nutrition ESPEN*, 27, 16–19.
- del Rosso, J. Q., & Kim, G. K. 2010. The rationale behind topical vitamin D analogs in the treatment of psoriasis where does topical calcitriol fit in? *Journal of Clinical and Aesthetic Dermatology*, 3(8), 46–53.
- Denzinger, M., Rothenberger, J., Held, M., Joss, L., Ehnert, S., Kolbenschlag, J., ... Krauss, S. 2019. A quantitative study of transepidermal water loss (TEWL) on conventional and microclimate management capable mattresses and hospital beds. *Journal of Tissue Viability*, (February), 0–1.
- Du Plessis, J., Stefaniak, A., Eloff, F., John, S., Agner, T., Chou, T. C., ... Holness, L. 2013. International guidelines for the in vivo assessment of skin properties in non-clinical settings: Part 2. transepidermal water loss and skin hydration. *Skin Research and Technology*, 19(3), 265–278.

- Glowka, E., Stasiak, J., & Lulek, J. 2019. Drug Delivery Systems for Vitamin D Supplementation and Therapy. *Pharmaceutics*, 11(347).
- Hon, K. L., Kung, J. S. C., Ng, W. G. G., & Leung, T. F. 2018. Emollient treatment of atopic dermatitis: latest evidence and clinical considerations. *Drugs in Context*, 7, 1–14.
- Kassi, E. N., Stavropoulos, S., Kokkoris, P., Galanos, A., Moutsatsou, P., Dimas, C., ... Lyritis, G. 2014. Smoking is a significant determinant of low serum vitamin D in young and middle-aged healthy males. *Hormones (Athens)*, 25, 3–7.
- Kechichian, E., & Ezzedine, K. 2018. Vitamin D and the Skin: An Update for Dermatologists. *American Journal of Clinical Dermatology*, 19(2), 223–235.
- Khammissa, R. A. G., Fourie, J., Motswaledi, M. H., Ballyram, R., Lemmer, J., & Feller, L. 2018. The Biological Activities of Vitamin D and Its Receptor in Relation to Calcium and Bone Homeostasis, Cancer, Immune and Cardiovascular Systems, Skin Biology, and Oral Health. *BioMed Research International*, 2018.
- Levin, J., Rosso, J. Q. Del, & Momin, S. B. 2010. How Much Do We Really Know About Our Favorite Cosmeceutical Ingredients? *The Journal of Cinical and Aesthetic Dermatology*, 3(2), 22–41.
- Liu, X., Gao, Y., Zhang, Y., & Wang, X. 2017. Variation in skin biology to climate in Shanghai, China. *Cutaneous and Ocular Toxicology*, 36(3), 231–236.
- Liu, Z., Fluhr, J. W., Song, S. P., Sun, Z., Wang, H., Shi, Y. J., ... Man, M. Q. 2010. Sun-Induced changes in stratum corneum function are gender and dose dependent in a chinese population. *Skin Pharmacology and Physiology*, 23(6), 313–319.
- Maia Campos, P. M. B. G., G. Mercurio, D., O. Melo, M., & Closs-Gonthier, B. 2017. Cichorium intybus root extract: A “vitamin D-like” active ingredient to improve skin barrier function. *Journal of Dermatological Treatment*, 28(1), 78–81.
- Marcinowska-Suchowierska, E., Kupisz-Urbanska, M., Lukaszkiwicz, J., Pludowski, P., & Jones, G. 2018. Vitamin D Toxicity a clinical perspective. *Frontiers in Endocrinology*, 9(SEP), 1–7.
- Milani, M., & Sparavigna, A. 2017. The 24-hour skin hydration and barrier function effects of a hyaluronic 1%, glycerin 5%, and Centella asiatica stem cells extract moisturizing fluid: An intra-subject, randomized, assessor-blinded study. *Clinical, Cosmetic and Investigational Dermatology*, 10, 311–315.

- Miotto, A., Honda, P. A. A., Bachichi, T. G., Holanda, C. S., Neto, E. E., Perfeito, J. A. J., ... Costa Jr, A. da S. 2018. Comparative study of transepidermal water loss in patients with and without hyperhidrosis by closed-chamber measurer in an air-conditioned environment. *Einstein*, 16(4), 1–5.
- Nair, R., & Maseeh, A. 2012. Vitamin D: The sunshine vitamin. *Journal of Pharmacology and Pharmacotherapeutics*, 3(2), 118–126.
- Nouwen, A. E. M., Karadavut, D., Pasmans, S. G. M. A., Elbert, N. J., Bos, L. D. N., Nijsten, T. E. C., ... Caspers, P. J. 2019. Natural moisturizing factor as a clinical marker in atopic dermatitis. *Allergy: European Journal of Allergy and Clinical Immunology*, 1–3.
- Palmer, D. 2015. Vitamin D and the Development of Atopic Eczema. *Journal of Clinical Medicine*, 4(5), 1036–1050.
- Purnamawati, S., Indrastuti, N., Danarti, R., & Saefudin, T. 2017. The Role of Moisturizers in Addressing Various Kinds of Dermatitis : A Review. *Clinical Medicine & Research*, 15(3), 75–87.
- Rahrovan, S., Fanian, F., Mehryan, P., Humbert, P., & Firooz, A. 2018. Male versus female skin: What dermatologists and cosmeticians should know. *International Journal of Women's Dermatology*, 4(3), 122–130.
- Razzaque, M. S. 2018. Can adverse effects of excessive vitamin D supplementation occur without developing hypervitaminosis D? *Journal of Steroid Biochemistry and Molecular Biology*, 180, 81–86.
- Reichrath, J. 2007. Vitamin D and the skin: An ancient friend, revisited. *Experimental Dermatology*, 16(7), 618–625.
- Rosso, J. Del, Zeichner, J., Alexis, A., Cohen, D., & Berson, D. 2016. Understanding the Epidermal Barrier in Healthy and Compromised Skin: Clinically Relevant Information for the Dermatology Practitioner: Proceedings of an Expert Panel Roundtable Meeting. *The Journal of Clinical and Aesthetic Dermatology*, 9(4 Suppl 1), S2–S8.
- Russell, M. 2012. Assessing the relationship between vitamin D3 and stratum corneum hydration for the treatment of xerotic skin. *Nutrients*, 4(9), 1213–1218.
- Sadat-Ali, M., Bubshait, D. A., Al-Turki, H. A., Al-Dakheel, D. A., & Al-Olayani, W. S. 2014. Topical delivery of vitamin D3: A randomized controlled pilot study. *International Journal of Biomedical Science*, 10(1), 21–24.
- Segal, E., Zinman, C., Raz, B., & Ish-Shalom, S. 2009. Low patient compliance-A major negative factor in achieving vitamin D adequacy in elderly hip fracture patients supplemented with 800 IU of vitamin D3 daily. *Archives of*

*Gerontology and Geriatrics*, 49(3), 364–367.

Sethi, A., Kaur, T., Malhotra, S. K., & Gambhir, M. L. 2016. Moisturizers : The Slippery Road. *Indian Journal of Dermatology*, 61(3), 279–287.

Spada, F., Barnes, T. M., & Greive, K. A. 2018. Skin hydration is significantly increased by a cream formulated to mimic the skin's own natural moisturizing systems. *Clinical, Cosmetic and Investigational Dermatology*, 11, 491–497.

Sparr, E., Millegamps, D., Isoir, M., Burnier, V., Larsson, Å., & Cabane, B. 2013. Controlling the hydration of the skin through the application of occluding barrier creams. *Journal of the Royal Society Interface*, 10(80), 0–9.

Trémezaygues, L., & Reichrath, J. 2011. Vitamin D analogs in the treatment of psoriasis: Where are we standing and where will we be going? *Dermato-Endocrinology*, 3(3), 180–186.

Tripkovic, L., Lambert, H., Kathryn, H., Smith, C. P., Bucca, G., Penson, S., ... Lanham-New, S. 2012. Comparison of vitamin D2 and vitamin D3 supplementation in raising serum 25-hydroxyvitamin D status: a systematic review and meta-analysis. *Am J Clin Nutr*, 95(6), 1357–1364.

Vanchinathan, V., & Lim, H. W. 2012. A dermatologist's perspective on vitamin D. *Mayo Clinic Proceedings*, 87(4), 372–380.

Wolff, K., Goldsmith, L. A., Katz, S. I., Gilchrist, B. A., Paller, A. S., & Leffell, D. J. 2008. *Fitzpatrick's Dermatology in General Medicine* (7th Edition).

Young, M. M., Franken, A., & du Plessis, J. L. 2019. Transepidermal water loss, stratum corneum hydration, and skin surface pH of female African and Caucasian nursing students. *Skin Research and Technology*, 25(1), 88–95.

Zhang, D., Seo, D. H., Choi, H. S., Park, H. S., Chung, Y. S., & Lim, S. K. 2017. Effects of single Vitamin D 3 injection (200,000 units) on serum fibroblast growth factor 23 and sclerostin levels in subjects with Vitamin D deficiency. *Endocrinology and Metabolism*, 32(4), 451–459.