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# DAFTAR PUSTAKA

Akimbekov, NS, Ortoski, RA & Razzaque, MS 2020, 'Effects of sunlight exposure and vitamin D supplementation on HIV patients', *Journal of Steroid Biochemistry and Molecular Biology*, vol. 200, no. October 2019, p. 105664.

Al-Kotb, H & Abdel-Aziz, HR 2017, 'Effect of Standardized Skin Care Guidelines on Skin Dryness among Elderly People at Ismailia City', *IOSR Journal of Nursing and Health Science*, vol. 6, no. 6, pp. 12–18.

Al-Kotb, H, Ramadan, H & -Aziz, A 2017, 'Effect of Standardized Skin Care Guidelines on Skin Dryness among Elderly People at Ismailia City', *IOSR Journal of Nursing and Health Science*, vol. 6, no. 6, pp. 12–18.

Alshahrani, FM, Almalki, MH, Aljohani, N, Alzahrani, A, Alsaleh, Y & Holick, MF 2013, 'Vitamin D: Light side and best time of sunshine in Riyadh, Saudi Arabia', *Dermato-Endocrinology*, vol. 5, no. 1, pp. 177–180.

Armengot-Carbo, M, Hernández-Martín & Torrelo, A 2015, 'The role of filaggrin in the skin barrier and disease development', *Actas Dermo-Sifiliograficas*, vol. 106, no. 2, pp. 86–95.

Augustin, M, Wilsmann-theis, D, Körber, A, Kerscher, M, Itschert, G, Dippel, M & Staubach, P n.d., 'Diagnosis and treatment of xerosis cutis – a position paper', vol. 16, pp. 3–33.

Baroni, A, Buommino, E, De Gregorio, V, Ruocco, E, Ruocco, V & Wolf, R 2012, 'Structure and function of the epidermis related to barrier properties', *Clinics in Dermatology*, vol. 30, no. 3, pp. 257–262.

Bikle, DD 2011, 'Vitamin D metabolism and function in the skin', *Molecular and Cellular Endocrinology*, vol. 347, no. 1–2, pp. 80–89.

Bikle, DD 2012, 'Vitamin D and the skin: Physiology and pathophysiology', *Reviews in Endocrine and Metabolic Disorders*, vol. 13, no. 1, pp. 3–19.

Bikle, DD 2020, 'Vitamin D: Newer concepts of its metabolism and function at the basic and clinical level', *Journal of the Endocrine Society*, vol. 4, no. 2, pp. 1–20.

Bonnet, E, Ruidavets, JB, Genoux, A, Mabile, L, Busato, F, Obadia, M, … Perret, B 2013, 'Early loss of bone mineral density is correlated with a gain of fat mass in patients starting a protease inhibitor containing regimen: The prospective Lipotrip study', *BMC Infectious Diseases*, vol. 13, no. 1.

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Brenken, V, Jensen, M & Proksch, E 1997, 'Topical Vitamin D3 Derivatives Impair the Epidermal Permeability Barrier in Normal Mouse Skin', *Pharmacology and Treatment*, vol. 194, pp. 151–156.

Bubshait, DA, Al-Dakheel, DA & Alanii, FM 2018, 'Topical vitamin D3: A randomized controlled trial (RCT)', *Clinical Nutrition ESPEN*, vol. 27, pp. 16– 19.

Choi, AI, Lo, JC, Mulligan, K, Schnell, A, Kalapus, SC, Li, Y, … Hsue, PY 2011, 'Association of vitamin D insufficiency with carotid intima-media thickness in HIV-infected persons', *Clinical Infectious Diseases*, vol. 52, no. 7, pp. 941–944.

Clarys, P, Clijsen, R, Taeymans, J & Barel, AO 2012, 'Hydration measurements of the stratum corneum: Comparison between the capacitance method (digital version of the Corneometer CM 825®) and the impedance method (Skicon-200EX®)', *Skin Research and Technology*, vol. 18, no. 3, pp. 316–323.

Coady, A, Holness, L, Hudon, S, Johnson, N, Muller, M, Shiller, S, … Wylie, S 2019, *Recommendations for the prevention, detection and management of occupational contact dermatitis in health care settings*, Public Health Ontario, Ontario.

Croxtall, JD & Perry, CM 2010, 'Lopinavir / Ritonavir A Review of its Use in the Management of HIV-1 Infection', vol. 70, no. 14, pp. 1885–1915.

Draelos Diana, Z, Hall, S & Munsick, C 2020, 'A-14 day Controlled Study Assessing Qualitative Improvement with 15% Lactic Acid and Ceramides in Skin Moisturization and Desquamation', *Journal of Clinical and Aesthetic Dermatology*, vol. 13, no. 8, pp. 54–58.

Draelos, ZD 2013, 'Modern moisturizer myths, misconceptions, and truths', *Cutis*, vol. 91, no. 6, pp. 308–314.

Du Plessis, J, Stefaniak, A, Eloff, F, John, S, Agner, T, Chou, TC, … 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*, vol. 19, no. 3, pp. 265–278.

Duan, L, Xue, Z, Ji, H, Zhang, D & Wang, Y 2018, 'Effects of CYP2R1 gene variants on vitamin D levels and status: A systematic review and meta-analysis', *Gene*, vol. 678, no. June, pp. 361–369.

Elkeeb, R, Hui, X, Chan, H, Tian, L & Maibach, HI 2010, 'Correlation of transepidermal water loss with skin barrier properties in vitro: Comparison of three evaporimeters', *Skin Research and Technology*, vol. 16, no. 1, pp. 9–15.

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Firooz, A, Sadr, B, Babakoohi, S, Sarraf-Yazdy, M, Fanian, F, Kazerouni-Timsar, A, Dowlati, Y 2012, 'Variation of biophysical parameters of the skin with age, gender, and body region', *The Scientific World Journal*, vol. 2012.

Harding, Watkinson, Rawlings & Scott 2000, 'Dry skin, moisturization and corneodesmolysis', *International Journal of Cosmetic Science*, vol. 22, no. 1, pp. 21–52.

Hawker, NP, Pennypacker, SD, Chang, SM & Bikle, DD 2007, 'Regulation of human epidermal keratinocyte differentiation by the vitamin D receptor and its coactivators DRIP205, SRC2, and SRC3', *Journal of Investigative Dermatology*, vol. 127, no. 4, pp. 874–880.

Hovsepian, S, Amini, M, Aminorroaya, A, Amini, P & Iraj, B 2011, 'Prevalence of Vitamin D deficiency among adult population of Isfahan city, Iran', *Journal of Health, Population and Nutrition*, vol. 29, no. 2, pp. 149–155.

Hurlow, J & Bliss, DZ 2011, 'Dry Skin in Older Adults', *Geriatric Nursing*, vol. 32, no. 4, pp. 257–262.

Jansen van Rensburg, S, Franken, A & Du Plessis, JL 2019, 'Measurement of transepidermal water loss, stratum corneum hydration and skin surface pH in occupational settings: A review', *Skin Research and Technology*, vol. 25, no. 5, pp. 595–605.

Kang, BC, Kim, YE, Kim, YJ, Chang, MJ, Choi, HD, Li, K & Shin, WG 2014, 'Optimizing EEMCO guidance for the assessment of dry skin (xerosis) for pharmacies', *Skin Research and Technology*, vol. 20, no. 1, pp. 87–91.

Khoirunnisa,N.A., 2021. Efek vitamin D topikal pada penguapan air melalui epidermis. Skripsi. Universitas Gadjah Mada, Yogyakarta.

Kirchhoff, F 2016, 'Encyclopedia of AIDS', *Encyclopedia of AIDS*, no. January 2013.

Kottner, J, Lichterfeld, A & Blume-Peytavi, U 2013, 'Transepidermal water loss in young and aged healthy humans: A systematic review and meta-analysis', *Archives of Dermatological Research*, vol. 305, no. 4, pp. 315–323.

Lambers, H, Piessens, S, Bloem, A, Pronk, H & Finkel, P 2006, 'Natural skin surface pH is on average below 5, which is beneficial for its resident flora', *International Journal of Cosmetic Science*, vol. 28, no. 5, pp. 359–370.

Lee, D, Benson A, C, Lewis, CE, Grunfeld, C & Scherzer, R 2007, 'Prevalence and factors associated with dry skin in HIV infection: the FRAM study', *AIDS Research and Human Retroviruses*, pp. 1–7.

Mijaljica, D, Townley, JP, Hondros, A, Hewson, C & Harrison, IP 2024, 'Considering

Perbandingan Efektivitas Antara Pelembap yang Diperkaya Seramid Dengan yang Diperkaya Provitamin D3
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Phytosphingosine-Based Ceramide Formulations for Atopic Skin Care', pp. 5– 22.

Mischo, M, von Kobyletzki, LB, Bründermann, E, Schmidt, DA, Potthoff, A, Brockmeyer, NH & Havenith, M 2014, 'Similar appearance, different mechanisms: Xerosis in HIV, atopic dermatitis and ageing', *Experimental Dermatology*, vol. 23, no. 6, pp. 446–448.

Mostafa, WZ & Hegazy, RA 2013, 'Vitamin D and the skin: Focus on a complex relationship: A review', *Journal of Advanced Research*, vol. 6, no. 6, pp. 793– 804.

Nafaisa,H.Y.A.,2022.'Efektivitas pemberian losion vitamin D3:studi kulit kering dan kadar serum vitamin D pada lanjut usia.Thesis. Universitas Gadjah Mada. Yogyakarta.

Nolan, K & Marmur, E 2012, 'Moisturizers: Reality and the skin benefits', *Dermatologic Therapy*, vol. 25, no. 3, pp. 229–233.

Norlin, M, Lundqvist, J, Ellfolk, M, Hellström Pigg, M, Gustafsson, J & Wikvall, K 2017, 'Drug-Mediated Gene Regulation of Vitamin D3 Metabolism in Primary Human Dermal Fibroblasts', *Basic and Clinical Pharmacology and Toxicology*, vol. 120, no. 1, pp. 59–63.

Pinzone, MR, Di Rosa, M, Malaguarnera, M, Madeddu, G, Focà, E, Ceccarelli, G, … Nunnari, G 2013, 'Vitamin D deficiency in HIV infection: An underestimated and undertreated epidemic', *European Review for Medical and Pharmacological Sciences*, vol. 17, no. 9, pp. 1218–1232.

Pita Merah 2024, Situasi Epidemiologi HIV-AIDS di Global dan Indonesia, (https://pitamerah.org/category/berita/)

Purnamawati, S, Indrastuti, N, Danarti, R & Saefudin, T 2017, 'The role of moisturizers in addressing various kinds of dermatitis: A review', *Clinical Medicine and Research*, vol. 15, no. 3–4, pp. 75–87.

Pradipta K,Nabilla, 2023, 'Pengaruh Pelembap yang Diperkaya Provitamin D3 Terhadap Fungsi Sawar Kulit dan Kadar Vitamin D Serum Pada Pekerja Batik' Thesis, Universitas Gadjah Mada, Jogjakarta.

Rippke, F, Schoelermann, AM & Filbry, AW 2012, 'Treatment of Xerosis with a Topical Formulation Containing Glyceryl Glucoside , Natural Moisturizing Factors , and Ceramide', vol. 5, no. 8, pp. 29–39.

Roshan, G, Matthias, S, Tiffany C, S, Robert, G, Daniela, G, Kieron S, L, … Peter M, E 2010, 'Epidermal Barrier Dysfunction in Non-Atopic HIV : evidence for and "Inside-to-Outside" Pathogenesis', *J Invest Dermatology*.

Rowe, A, Mallon, E, Rosenberger, P, Barrett, M, Walsh, J & Bunker, CB 1999, 'Depletion of cutaneous peptidergic innervation in HIV-associated xerosis', *Journal of Investigative Dermatology*, vol. 112, no. 3, pp. 284–289.

Russell, M 2012, 'Assessing the relationship between vitamin D3 and stratum corneum

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hydration for the treatment of xerotic skin', *Nutrients*, vol. 4, no. 9, pp. 1213– 1218.

Sadat-Ali, M, Bubshait, DA, Al-Turki, HA, Al-Dakheel, DA & Al-Olayani, WS 2014, 'Topical delivery of vitamin D3: A randomized controlled pilot study', *International Journal of Biomedical Science*, vol. 10, no. 1, pp. 21–24.

Serup, J 1995, 'EEMCO guidance for the assessment of dry skin (xerosis) and ichthyosis: clinical scoring systems', *Skin Research and Technology*, vol. 1, no. 3, pp. 109–114.

Simon, D, Nobbe, S, Nägeli, M, Barysch, M, Kunz, M, Borelli, S, … Gasser, UE 2018, 'Short- and long-term effects of two emollients on itching and skin restoration in xerotic eczema', *Dermatologic Therapy*, vol. 31, no. 6, pp. 1–7.

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

Spada, F, Lui, AH & Barnes, TM 2019, 'Use of formulations for sensitive skin improves the visible signs of aging, including wrinkle size and elasticity', *Clinical, Cosmetic and Investigational Dermatology*, vol. 12, pp. 415–425.

Uche, LE, Gooris, GS, Beddoes, CM & Bouwstra, JA 2019, 'BBA - Biomembranes New insight into phase behavior and permeability of skin lipid models based on sphingosine and phytosphingosine ceramides', *BBA - Biomembranes*, vol. 1861, no. 7, pp. 1317–1328.

Visscher, M & Narendran, V 2014, 'The Ontogeny of Skin', *Advances in Wound Care*, vol. 3, no. 4, pp. 291–303.

Wang, Y, Huang, X, Wu, Y, Li, A, Tian, Y, Ren, M, … Wang, W 2021, 'Increased Risk of Vitamin D Deficiency Among HIV-Infected Individuals: A Systematic Review and Meta-Analysis', *Frontiers in Nutrition*, vol. 8, no. August.

Warnke, D, Barreto, J & Temesgen, Z 2007, 'Therapeutic review: Antiretroviral drugs', *Journal of Clinical Pharmacology*, vol. 47, no. 12, pp. 1570–1579.