DAFTAR PUSTAKA

Abd-El Mohsen, S.A., Mohamed, A.A. 2019. Dietary lifestyle modifications for vitiligo patients. *Journal of Nursing Education and Practice*, 10(4): 45.

Agarwal, S., Mendiratta, V., Chander, R., Jain, A., Yadav, P. 2015. Study of serum levels of Vitamin B 12 , folic acid, and homocysteine in vitiligo. *Pigment International*, 2(2):76-80.

AlGhamdi, K., Kumar, A., Moussa, N. 2013. The role of vitamin D in melanogenesis with an emphasis on vitiligo. *Indian J Dermatol Venereol Leprol*, 79(6): 750-8.

Alikhan, A., Felsten, L.M., Daly, M., Petronic-Rosic, Vesna. 2011. Vitiligo: A comprehensive overview: Part I. Introduction, epidemiology, quality of life, diagnosis, differential diagnosis, associations, histopathology, etiology, and work-up. *Journal of the American Academy of Dermatology*, 65(3): 473–491.

Allam, M., Riad, H. 2013. Concise review of recent studies in vitiligo, prevalence and etiologic factors. *Qatar Med. Journal*, 10(2): 1-19.

Asri, E., Akhyar, G., Gustia, R. 2019. Correlation between homocysteine and vitamin b12 serum level with vitiligo severity. *European Union Digital Library*, 1(1):1-6.

Bagherani, N., Yaghoobi, R., Omidian, M. 2011. Hypothesis: zinc can be effective in treatment of vitiligo. *Indian J Dermatol*, 56(5): 480-4.

Basavaraj, K.C., Seemanthini, C., Rashmi, R. 2010. Diet in dermatology: present perspectives. *Indian J Dermatol*, 55(3): 205-210.

Bergqvist, C., Ezzedine, K. 2020. Vitiligo: A Review. *Dermatology*, 236(6): 571–592.

Birlea, S.A., Spritz, R.A., Norris, D.A., Vitiligo. *In*: Wolff, K., Goldsmith, L.A., Katz, S.I., Gilchrest, B.A., Paller, A.S., Leffel, D.J., editor, *Fitzpatrick's dermatology in general medicine*. 8th ed., McGraw Hill companies, New York.

Chilukuri, S., Micheletti, G. 2014. *Anti-vitiligo diet principles. The Vitiligo Diet. A Nutritional Approach to Curing Vitiligo*., Createspace Independent Publishing Platform, USA.

Cichorek, M., Wachulska, M., Stasiewicz, A., Tyminska, A. 2013. Skin melanocytes: biology and development. *Adv Dermatol Allergol*, 30(1): 30-41.

Dahlan, M.S. 2016. *Besar sampel dalam penelitian kedokteran dan kesehatan*. *Seri Evidence Based Medicine 2*. Ed. 4. Lembaga Epidemiologi Indonesia, Jakarta.

Denat, L., Kadekaro, A.L., Marrot, L., Leachman, S.A., Abdel-Malek, Z.A. 2014.

Melanocytes as instigators and victims of oxidative stress. *J Invest Dermatol*, 134(6): 1512–8

Di Nardo, V., Barygina, V., Franca, K., Tirant, M., Valle, Y., Lotti, T. 2019. Functional nutrition as integrated approach in vitiligo management. *Dermatologic Therapy*, 32(4): 1–6.

Dwiyana, R.F., Marindani, V., Agustina, R., Setiawan., Idjradinata, P.S., Sutedja, E. 2017. Clinico-epidemiological profile of vitiligo patients in Dr. Hasan Sadikin general hospital Bandung. *MKB,* 49(2): 132-138.

Ezzedine, K., Lim, H.W., Suzuki, T., Katayama, I., Hamzavi, I., Lan, C.C.E., *et al*. 2012. Vitiligo Global Issue Consensus Conference Panelists. Revised classification/nomenclature of vitiligo and related issues: the Vitiligo Global Issues Consensus Conference. *Pigment Cell Melanoma Res*, 25(3): E1–13.

Faria, A.R., Tarle, R.G., Dellatorre, G., Mira, M.T., Silva de Castro, C.C. 2014. Vitiligo-part 2-classification, histopathology and treatment. *An Bras Dermatol*. 89(5): 784-790.

Gawkrodger, D.J., Ormerod, A.D., Shaw, L., Mauri-Sole, I., Whitton, M.E., Watts, M.J., *et al*. 2008. Guideline for the diagnosis and management of vitiligo. *British Journal of Dermatology*, 159(5): 1051–1076.

Grimes, P.E., Nashawati, R. 2017. The Role of Diet and Supplements in Vitiligo Management. *Dermatologic Clinics*, 35(2): 235–243.

Grimm, H., Calder, P.C. 2002. Immunonutrition. *BJN*. 87:(S1)

Hamzavi, I., Jain, H., McLean, D., Shapiro, J., Zeng, H., Lui, H. 2004. Parametric modeling of narrowband UV-B phototherapy for vitiligo using a novel quantitative tool: the Vitiligo Area Scoring Index. A*rch Dermatol*, 140(6): 677-683.

Hotz, C., Brown, K.H. 2004. Assessment of the risk of zinc deficiency in populations and options for its control. *Food and Nutrition Bulletin*, 25(1 Suppl. 2): S91-203.

Humpf, H.U., Schneider, C., Stevens, J.F. 2014. Functional food--where do we go?. *Mol Nutr Food Res*, 58(1):5-6.

Jha, B.N. 2016. Assessment of Prevalence of Clinical and Sociodemographic Study of Vitiligo in Janaki Medical College, Nepal. *ARJLS*, 2(2): 2455-3549.

Kamer, B., Wasowicz, W., Pyziak, K., Kamer-Bartosinska, A., Gromadzincska, J., Pasowska, R. 2012. Role of selenium and zinc in the pathogenesis of food allergy in infants and young children. *Arch Med Sci*, 8(6): 1083-1088.

Kaakinen. J., Coehlo, D., Steele. R., Robinson, M. 2018. F*amily health care nursing: Theory practice and research, Family health promotion*. 6th ed., FA Davis company, Philadelphia.

Kang, S., Amagai, M., Bruckner, A.L., Enk, A.H., Margolis, D.J., McMichael, A.J., Orringer, J.S. 2018. *Fitzpatrick's Dematology in general medicine. Edisi ke-9*. McGraw Hill, New York.

Karadag, A.S., Tutal, E., Ertugrul, D.T., Akin, K.O., Bilgili, S.G. 2012. Serum holotranscobalamine, vitamin B12, folic acid and homocysteine levels in patients with vitiligo. *Clin Exp Dermatol*, 37(1): 62–4.

Karagün, E., Ergin, C., Baysak, S., Erden, G., Aktas, H., Ekiz, O. 2016. The role of serum Vitamin D levels in vitiligo. *Postepy Dermatologi Alergologi*, 33(4): 300–302.

Kawakami, T., Hashimoto, T. 2011. Disease Severity Indexes and Treatment Evaluation Criteria in Vitiligo. *Dermatology Research and Practice*, 3(1): 4–7.

Kemenkes, 2018. Agar mencapai kepadatan tulang yang optimal. Direktorat Jenderal Pencegahan Dan Pengendalian Penyakit.

Khodair, H.A., Amer, A.W.A., Samee, H.S., Gad, N.F. 2019. Assessment of serum vitamin D level before and after narrowband therapy in vitiligo. *The Egyptian Journal of Hospital Medicine*, 74 (2): 310-317.

Kulkarni, M., Keny, D., Potey, A.V., Tripathi, R.K. 2016. A cross-sectional study to assess the incompatible dietary behavior of patients suffering from skin diseases: A pilot study. *Journal of Ayurveda and Integrative Medicine*., 7(2): 113–118.

Lang, K.S., Caroli, C.C., Muhm, A., Wernet, D., Moris, A., Schittek, B., *et al*. 2001. HLA-A2 restricted, melanocyte-specific CD8(+) T lymphocytes detected in vitiligo patients are related to disease activity and are predominantly directed against MelanA/-MART1. *J Invest Dermatol*, 116(6): 891-7.

Linthorst-Homan, M.W., Spuls, P.I., deKorte, J., Bos, J.D., Sprangers, M.A., Wietze van der Veen, J.P. 2009. The burden of vitiligo: patient characteristics associated with quality of life. *Journal of the American Academy of Dermatology*, 61(3): 411–420.

Liu, M., Murphy, E., Amerson, E.H. 2016. Rethinking screening for thyroid autoimmunity in vitiligo. *J Am Acad Dermatol*, 75(6): 1278-1280.

Lu, T., Gao, T., Wang, A., Jin, Y., Li, Q., Li, C. 2007. Vitiligo prevalence study in Shaanxi Province, China. *Int J Dermatol*, 46(1):47-51.

Muslihah, N., Winarsih, S., Soemardini., Zakaria, A.S., Zainudiin. 2013. Kualitas Diet dan Hubungannya dengan Pengetahuan Gizi, Status Sosial Ekonomi, dan Status

Gizi. *Jurnal Gizi dan Pangan,* 8(1): 71-76.

Mogaddam, M. R., Ardabili, N.S., Maleki, N., Chinifroush, M.M., Fard, E.M. 2017. Evaluation of the serum zinc level in patients with vitiligo. *Postepy Dermatologi Alergologi,* 34(2): 116–119.

Montes, L.F., Diaz, M.L., Lajous, J., Garcia, N.J. 1992. Folic acid and vitamin B12 in vitiligo: a nutritional approach. *Cutis,* 50(1): 39–42.

Mubki, T., Alissa, A., Mulekar, S., Albargawi, S., Youssef, M., Aljasser, M. 2017. Association of vitiligo with anemia, vitamin B12 deficiency, diabetes mellitus, and thyroid dysfunction in Saudi Arab patients: A case control study. *Journal of Dermatology & Dermatologic Surgery*, 21(2): 72–76.

Namazi, M.R., Chee Leok, G.O.H. 2009. Vitiligo and diet: A theoretical molecular approach with practical implications. *Indian Journal of Dermatology, Venereology and Leprology*, 75(2): 116–118.

Nardo, V.D., Lotti, D. 2019. New therapeutic vision of Nutrition in dermatology: Integrative Nutrition. *Dermatol Ther,* 32(1):1-4

Ongenae, K., Van, N., De Schepper, S., Naeyaert, J.M. 2005. Effect of vitiligo on self-reported health-related quality of life. *Br J Dermatol*, 152(6): 1165-72.

Quirk, S.E., Williams, L.J., O'Neil, A., Pasco, J.A., Jacka, F.N., Housden, S., *et al*. 2013. The association between diet quality, dietary patterns and depression in adults: a systematic review. *BMC Psychiatry,* 13: 175.

Pajvani, U., Ahmad, N., Wiley, A., Levy, R.M., Kundu, R., Mancini, A.J. 2006 The relationship between family medical history and childhood vitiligo. *J Am Acad Dermatol,*55:238–44.

Paradisi, A., Tabolli, S., Didona, B., Sobrino, L., Russo, N., Abeni, D. 2014. Markedly reduced incidence of melanoma and nonmelanoma skin cancer in a nonconcurrent cohort of 10.040 patients with vitiligo. *J Am Acad Dermatol,*71:1110–6.

Piccardi, N., Manissier, P. 2009. Nutrition and nutritional supplementation – Impact on skin health and beauty. *Dermato-Endocrinology,* 1(5): 271-274

Putri, K.Y. 2018. Hubungan Antara Kadar Superoxide Dismutase dengan Skor Vitiligo Area Scoring Index pada Pasien Vitiligo di Rsup Haji Adam Malik Medan. Tesis. Medan: USU.

Rahmayanti, N.D., Rahmadewi. 2016. Studi Retrospektif: Profil Pasien Baru Vitiligo (A Retrospective Study: The Profile of New Patient with Vitiligo). *Berkala Ilmu Kesehatan Kulit dan Kelamin – Periodical of Dermatology and Venereology*, 28(2):52-8.

Richmond, J.M., Bangari, D.S., Essien, .K.I., Currimbhoy, S.D., Groom, J.R., Pandya, A.G., *et al*. 2017. Keratinocyte-derived chemokines orchestrate T cell positioning in the epidermis during vitiligo and may serve as biomarkers of disease. *J Invest Dermatol.* 137(2): 350-358.

Rolfes, S.R., Pinna, K., Whitney, E. 2012. Un*derstanding Normal and Clinical Nutrition*. Changeage Learning, American.

Saleh, A. A., Ghanem, H.M., Mahran, A.M., Abd El, H.A. 2020. Developing and Implementing Nursing Guidelines to Improve Lifestyle Pattern for Vitiligo Patients. *Assiut Scientific Nursing Journal*, 8(20): 64–72.

Schallreuter, K.U., Bahadoran, P., Picardo, M., Slominski, A., Elassiuty, Y.E., Kemp, E.H., *et al*. 2008. Vitiligo pathogenesis: autoimmune disease, genetic defect, excessive reactive oxygen species, calcium imbalance, or what else?. *Exp Dermatol*, 17(2): 139–60.

Sehrawat, M., Arora, T.C., Chauhan, A., Kar, H.K., Poonia, A., Jairath, P. 2014. Correlation of vitamin d levels with pigmentation in vitiligo patients treated with nbuvb therapy. *ISRN Dermatology,* 1:1-6.

Shahmoradi, Z., Najafian, J., Naeini, F.F. 2013. Vitiligo and autoantibodies of celiac disease. *Int J Prev Med*, 1(4):200–3.

Shaker, O.G., El-Tahlawi, S.M. 2008. Is there a relationship between homocysteine and vitiligo? A pilot study. *Br. J. Dermatol*. 159 (3): 720–724.

Shameer, P., Prasad, P.V., Kaviarasan, P.K. 2005. Serum zinc level in vitiligo: a case control study. *Indian J Dermatol Venereol Leprol*, 71(3): 206.

Silverberg, J.I., Silverberg, A.I., Malka, E., Silverberg, N.B. 2010. A pilot study assessing the role of 25 hydroxy vitamin D levels in patients with vitiligo vulgaris. *J Am Acad Dermatol*, 62(6): 937–41.

Sirajuddin., Surmita., Astuti, T. 2018. *Survei Konsumsi Pangan*. Kementerian Kesehatan Republik Indonesia, Jakarta.

Spritz, R.A., Andersen, G.H. 2017. Genetics of Vitiligo. *Dermatol Clin*. 35(2): 245–55.

Sravani, P.V., Babu, N.K., Gopal, K.V.T. 2009. Determination of oxidative stress in vitiligo by measuring superoxide dismutase and catalase levels in vitiliginous and non-vitiliginous skin. *Indian J Dermatol Venereol Leprol*. 75(3): 268–71.

Sun, X., Xu, A., Wei, X., Ouyang, J., Lu, L., Chen, M., *et al*. 2006. Genetic epidemiology of vitiligo: a study of 815 probands and their families from south China. *International Journal of Dermatology*, 45(1): 1176–1181.

Taieb, A., Picardo, M. 2009. Clinical practice. Vitiligo. *N Engl J Med,* 360(2): 160-9.

Ustun, I., Seraslan, G., Gokce, C., Motor, S., Can, Y. Inan, M.U., Yilmaz, N. 2014. Investigation of vitamin D levels in patients with vitiligo vulgaris. *Acta Dermatovenerol Croat*, 22(2): 110-3.

Varikasuvu, S.R., Aloori, S., Varshney, S., Bhongir, A.V. 2021. Decreased circulatory levels of vitamin D in vitiligo: a meta-analysis. *An Bras Dermato,* 1:1-11.

Videira, I,F., Magina, S. Moura, D.F. 2013. Mechanisms regulating melanogenesis. *The Journal Brazilian Annals of Dermatology*, 88(1): 76-83

Vijayakumar, D. 2018. *A study on the correlation of serum cholecalciferol level and vitiligo in patients attending Government Rajaji Hospital, Madurai. Thesis. India:* Madurai Medical College, Madurai.

Vora, R.V., Patel, B.B., Chaudhary, A.H., Mehta, M.J., Pilani, A.P. 2014. A clinical study of vitiligo in a rural set up of Gujarat. *Ind J Comm Med*, 39:143–6.

Wang, X.X., Wang, Q.Q., Wu, J.Q., Jiang, M., Chen, L.,Zhang, C.F., *et al*. 2016. Increased expression of CXCR3 and its ligands in vitiligo patients and CXCL10 as a potential clinical marker for vitiligo. *Br J Dermatol*, 174(6): 1318-1326.

Yaghoobi, R., Omidian, M., Bagherani, N. 2011. Comparison of therapeutic efficacy of topical corticosteroid and oral zinc sulfate-topical corticosteroid combination in the treatment of vitiligo patients: a clinical trial. *BMC Dermatol,* 11:7.

Zaki, A.M., Nada, A.S., Elshaded, A.R., Abdelgawad, N.H., Jafferany, M., Elsaie, M.L. 2020. Therapeutic implications of assessment of serum zinc levels in patients with vitiligo: a patient controlled prospective study. *Dermatologic therapy,* 33(6): 1-17.

Zeng, Q., Yin, J., Fan, F., Chen, J., Zuo, C. 2014. Decreased copper and zinc in sera of Chinese vitiligo patients: a meta-analysis. *J Dermatol*, 41(3): 245-51.