

DAFTAR PUSTAKA

- Achar A, Rathi SK. Melasma: a clinico-epidemiological study of 312 cases. *Indian J Dermatol*. 2011 Jul;56(4):380-2.
- A Lee. An updated review of melasma pathogenesis. *Dermatologica Sinica*; 2014. 32(4):233-239.
- Allen, L.H. Anemia and iron deficiency: Effects on pregnancy outcome. *Am J Clin Nutr*. 2000. 71:1280s–1284s.
- Amin N, Mashhood A A, Bilal A. Association of epidermal melasma with skin phenotypes and others contributing factors. *J Park Assoc Dermatol*. 2016. 26(3):188-192
- A.Y. Lee. Recent progress in melasma pathogenesis. *Pigment Cell & Melanoma Research*. 2015. 28(6):648-660.
- Behrangi E, Baniasadi F, Esmaeeli S, Hedayat K, Goodarzi A, Azizian Z. Serum iron level, ferritin and total iron binding capacity level among non pregnant women with and without melasma. *J Res Med Sci*. 2015. 20(3):281-283.
- Camaschella, C. Iron deficiency anemia. *N. Engl. J. Med*. 2015, 372, 1832-1843.
- Carsberg CJ, Ohanian J, Friedman PS. Ultraviolet radiation stimulates a biphasic pattern of 1,2-diacylglycerol formation in cultured human melanocytes and keratinocytes by activation of phospholipases C and D. *Biochem J*. 1995;305:471-477.
- Cassat, J.E.; Skaar, E.P. Iron in infection and immunity. *Cell Host Microbe*. 2013. 13:509–519.
- Castanedo-Cazares JP, Hernandez-Blanco D, Carlos-Ortega B, Fuentes-Ahumada C, Torres-Alvarez B. Near-visible light and UV protection in the treatment of melasma : a double-blind randomized trial. *Photodermatol Photoimmunol Photomed*. 2014;30(1):35-42.
- Cazzola M, Bergamaschi G, Dezza L, Arosio P: Manipulations of cellular iron metabolism for modulating normal and malignant cell proliferation. *Blood* 1990;75:1903–1919.
- Cohen PR. Melasma treatment: A novel approach using a topical agent that contains an anti-estrogen and a vascular endothelial growth factor inhibitor. *Med Hypotheses*. 2017;101:1-5.
- Dahlan MS. 2013. *"Besar Sampel dan Cara Pengambilan Sampel"*. Jakarta. Salemba Medika. (n.d)
- Fakhidah L N, Putri K S E. Faktor-faktor yang berhubungan dengan status hemoglobin pada remaja putri. *Maternal*. 2016. 1(1):60-66.
- Goh CL, Dlova CN. A retrospective study on the clinical presentation and treatment outcome of melasma in a tertiary dermatological referral centre in Singapore. *Singapore Med J*. 1999;40:455-8.
- Goodarzi A, Behrangi E, Bazargan AS, Roohaninasab M, Hosseini-Baharanchi FS, Shemshadi M, Vafaei E. The association between melasma and iron profile: a case-control study. *RusOMJ*. 2020. 9: e0202.
- Grune, T.; Sommerburg, O.; Siems, W.G. Oxidative stress in anemia. *Clin. Nephrol*. 2000, 53, S18-S22.
- Guinot C, Cheffai S, Latreille J, Dhaoui MA, Youssef S, Jaber K, et al. Aggravating

- factors for melasma: a prospective study in 197 Tunisian patients. *J Eur Acad Dermatol Venereol*. 2010; 24:1060-9.
- Hexsel D, Lacerda DA, Cavalcante AS, Machado Filho CA, Kalil CL, Ayres EL, et al. Epidemiology of melasma in Brazilian patients: a multicenter study. *Int J Dermatol*. 2013;53:440-4.
- Im S, Kim J, On WY et al. Increased expression of alpha-melanocyte stimulating hormone in the lesional skin of melasma. *Br J Dermatol*. 2002;146:165–167
- Jang, YH, Lee JY, Kang HY, *et al*. Oestrogen and progesterone receptor expression in melasma: an immunohistochemical analysis. *J Eur Acad Dermatol Venereol*. 2010;24:1312-1316.
- Kang WH, Yoon KH, Lee ES, Kim J, Lee KB, Yim H, et al. Melasma: histopathological characteristics in 56 Korean patients. *Br J Dermatol*. 2002;146(2):228-37.
- Kang YH, Ortonne JP. What Should Be Considered in Treatment of Melasma. *Ann Dermatol*. 2010;22(4):373-8.
- Kayva M. Melasma : a clinic-epidemiological study. *Int J Basic And App Med Sci*. 2014. 4(2):388-391.
- Kemenkes RI. Riset Kesehatan dan Dasar (Riskesdas) tahun 2018. Kementerian Kesehatan RI. 2018.
- Khopkar US. Dermoscopy and trichoscopy in diseases of the brown skin atlas and short text. Volume 1. *New Delhi: Jaypee brothers medical publishers*. 2014. 50-62.
- Kimbrough-Green CK, Griffiths CE, Finkel LJ, Hamilton TA, Bulengo-Ransby SM, Ellis CN, Voorhees JJ. Topical retinoic acid (tretinoin) for melasma in black patients. A vehicle-controlled clinical trial. *Arch Dermatol*. 1994. 130(6):727-33.
- Kumari R, Jaisankar TJ, Thappa DM. A clinical study of skin changes in pregnancy. *Indian J Dermatol Venereol Leprol*. 2002;73(2):141.
- Lajevardi V, Ghayoumi A, Abedini R, Hosseini H, Goodarzi A, Akbari Z, et al. Comparison of the therapeutic efficacy and safety of combined oral tranexamic acid and topical hydroquinone 4% treatment vs topical hydroquinone 4% alone in melasma : a parallel-group, assessor- and analyst-blinded, randomized controlled trial with a short-term follow-up. *J Cosmet Dermatol*. 2017. 16(2):235-242.
- Lapeere H, Boone B, Schepper S, Verhaeghe E, Onganae K, Van Geel N, et al. Hypomelanoses and hypermelanoses. In : Wolff K, Goldsmith LA, Katz SI, Gilchrist BA, Paller AS, Leffel DJ, editors. *Fitzpatrick Dermatology in General Medicine*. Ed 8th. New York: McGraw Hill. 2012. 805-25.
- Leung, A.K.; Chan, K.W. Iron deficiency anemia. *Adv. Pediatr*. 2000. 48:385-408.
- Liberman R, Moy L. Estrogen receptor expression in melasma: results from facial skin of affected patients. *J Drugs Dermatol*. 2008;7:463-465
- Majid I, Haq I, Imran S, Keen A, Aziz K, Arif T. Proposing Melasma Severity Index: A New, More Practical, Office-based Scoring System for Assessing the Severity of Melasma. *Indian J Dermatol*. 2016;61(1):39-44.
- Malaviya R, Morrison AR, Pentland AP. Histamine in Human Epidermal Cells is

- Induced by Ultraviolet Light Injury. *J Invest Dermatol*. 1996;106:785-89.
- Najad SB, Khodaiiani E, Herizchi H, Mehrabi P. Frequency of iron deficiency anemia, folate and vitamin B12 deficiency in patients with melasma. *Med J Tabriz Univ Med Sci*. 2012. 34(2):12-15.
- Oktarina P, Muslimin M. Faktor Risiko Penderita Melasma. *Jurnal Kedokteran Diponegoro*. 2012.
- Oluwatobi A, Godec O, Elbuluk N. Melasma : an Up-to-date Comprehensive Review. *Dermatol Ther*. 2017. 7:305-318.
- Ortonne JP, Arellano I, Berneburg M, Cestari T, Chan H, Grimes P, et al. A global survey of the role of ultraviolet radiation and hormonal influences in the development of melasma. *J Eur Acad Dermatol Venereol*. 2009;23(11):1254-62.
- Pallavi G, Gupta KL, Shreevathsa M, Chate VA, Balakrishna DL. Clinical evaluation of Varnya Gana Lepa in Vyanga (melasma). *Ayu*. 2015. Apr-Jun;36(2):151-6.
- Passeron T. Melasma pathogenesis and influencing factors-an overview of the latest research. *J Eur Acad Dermatol Venereol*. 2013. 27:5-6.
- Perez M, Sanchez JL, Aguilo F. Endocrinologic profile of patients with idiopathic melasma. *J Invest Dermatol*. 1983;81:543-5.
- Qazi I, Dogra N K, Dogra D. Serum Iron Profile in Female patients of melasma : A case-control study. *Asian Pac J Health Sci*. 2017. 4(2):141-146.
- Raj S, Khopkar U, Kapasi A, Wadhwa SL. Skin in pregnancy. *Indian J Dermatol Venereol Leprol*. 1992;58:84-8.
- Rodrigues M, Pandya A G. Hypermelanoses. In : Fitzpatrick Dermatology in General Medicine. Ed 9th. New York: McGraw Hill. 2019. 1379-1381.
- Rostami Mogadam M, Safavi Ardabili N, Iranparvar Alamdari M, Maleki N, Aghabalaei Danesh M. Evaluation of the serum zinc level in adult patients with melasma : Is there a relationship with serum zinc deficiency and melasma?. *J Cosmet Dermatol*. 2018. 17(3):417-422.
- Schmidt, P.J. Regulation of iron metabolism by hepcidin under conditions of inflammation. *J Biol Chem*. 2015. 290:18975-18983.
- Shankar K, Godse K, Aurangabadkar S, Lahiri K, Mysore V, Ganjoo A, Vedomurthy M, et al. Evidence-based treatment for melasma : expert opinion and a review. *Dermatol Ther (Heidelb)*. 2014. 4:165-186.
- Sheth VM, Pandya AG. Melasma: a comprehensive update: part I. *J Am Acad Dermatol*. 2011 Oct;65(4):689-697.
- Simonart T, Van Vooren JP, Parent D, Heenen M, Boelaert JR. Role of iron in dermatology. *Dermatology*. 2000;200(2):156-9.
- Sivayathorn A. Melasma in Orientals. *Clin Drug Invest*. 1995;10(suppl 2):34-40.
- Soldin OP, Bierbower LH, Choi JJ, Choi JJ, Thompson-Hoffman S, Soldin SJ. Serum iron, ferritin, transferrin, total iron binding capacity, hs-CRP, LDL cholesterol and magnesium in children; new reference intervals using the Dade Dimension Clinical Chemistry System. *Clin Chim Acta* 2004; 342(1-2): 211-217.
- Suryaningsih BE, Sadewa AH, Wirohadidjojo YW, Soebono H. Association between heterozygote Val92Met MC1R gene polymorphisms with

- incidence of melasma : a study of Javanese woman population in Yogyakarta. *Clin Cosmet Investig Dermatol*. 2019;12:489-495.
- Sussman HH. Iron in cancer. *Pathobiology*. 1992. 60:2-9.
- Sya'bani I R N, Sumarmi S. Hubungan status gizi dengan kejadian anemia pada santriwati di Pondok Pesantren Darul Ulum Peterongan Jombang. *Jurnal Keperawatan Muhammadiyah*. 2016. 1(1):7-15.
- Tamega Ade A, Miot LD, Bonfietti C, Gige TC, Marques ME, Miot HA. Clinical patterns and epidemiological characteristics of facial melasma in Brazilian women. *J Eur Acad Dermatol Venereol*. 2013;27:151-6.
- Thng T.G.S, Chuah S.Y. The Scoring Aid : MASI and Modified MASI. In: Handog E, Enriquez-Macarayo M (eds). *Melasma and Vitiligo in Brown Skin*. Springer, New Delhi. 2017:63-70.
- Trivedi M K, Yang F C, Cho B K. A review of laser and light therapy in melasma. *Int J Women Dermatol*. 2017.3(1):11-20
- Videira IFS, Moura DFL, Magina S. Mechanisms regulating melanogenesis. *An Bras Dermatol*. 2013;88:76-83.
- Warner MJ, Kamran MT. Iron deficiency anemia. In : Stat Pearls [Internet]. Treasure Island (FL) : StatPearls Publishing; 2021 Jan-.
- Werlinger KD, Guevara IL, González CM, Rincón ET, Caetano R, Haley RW, Pandya AG. Prevalence of self-diagnosed melasma among premenopausal Latino women in Dallas and Fort Worth, Tex. *Arch Dermatol*. 2007 Mar;143(3):424-5.
- WHO. The global prevalence of anaemia in 2011. Geneve : World Health Organization. 2015.43 p.
- Yoshida M, Takahasi Y, Inoue S. Histamine Induces Melanogenesis and Morphologic Changes by Protein Kinase A Activation via H2 Receptors in Human Normal Melanocytes. *J Invest Dermatol*. 2000;114: 334-342.