

## DAFTAR PUSTAKA

- Adhi Djuanda, dkk. 2011. Ilmu Penyakit Kulit dan Kelamin. Edisi 6. Jakarta: Fakultas Kedokteran Universitas Indonesia. p. 3-4, 7-8.
- Aboul-Einien, M. H. *et al.* (2020) 'Ascorbic acid derivative-loaded modified aspasomes: formulation, in vitro, ex vivo and clinical evaluation for melasma treatment', *Journal of Liposome Research*. Taylor & Francis, 30(1), pp. 54–67.
- Amin, N., Mashhood, A. A. and Bilal, A. (2016) 'Association of epidermal melasma with skin phenotypes and other contributing factors', *Journal of Pakistan Association of Dermatologists*, 26(3), pp. 188–192.
- Andji, G. (2016) 'melasma', *Indian Journal of Dermatology*, 1(9), pp. 1–20.
- Andra, C. *et al.* (2020) 'A corrective cosmetic improves the quality of life and skin quality of subjects with facial blemishes caused by skin disorders', *Clinical, Cosmetic and Investigational Dermatology*, 13, pp. 253–257.
- Asditya, A. *et al.* (2017) *Studi Retrospektif: Profil Pasien Melasma, Bikkk*.
- Bennardo, F. *et al.* (2021) 'Efficacy of platelet-rich fibrin compared with triamcinolone acetonide as injective therapy in the treatment of symptomatic oral lichen planus: a pilot study', *Clinical Oral Investigations*. Clinical Oral Investigations, pp. 3747–3755.
- Benson, H. A. E. *et al.* (2019) 'Topical and Transdermal Drug Delivery: From Simple Potions to Smart Technologies', *Current Drug Delivery*, 16(5), pp. 444–460.
- Borie, Eduardo, Katia Garlet, R. F. (2015) 'Platelet-rich fibrin application in dentistry: a literature review', *international journal of clinical and experimental medicine*.
- Cázares-Delgadillo, J. *et al.* (2018) 'Investigation of different iontophoretic currents profiles for short-term applications in cosmetics', *Pharmaceutics*, 10(4).
- Choubey, V. *et al.* (2017) 'Role of oxidative stress in melasma: a prospective study on serum and blood markers of oxidative stress in melasma patients', *International Journal of Dermatology*, 56(9), pp. 939–943.
- Clarys, P. *et al.* (2000) 'Skin color measurements: Comparison between three instruments: The Chromameter®, the DermaSpectrometer® and the Mexameter®', *Skin Research and Technology*, 6(4), pp. 230–238.

- Dayal, S. *et al.* (2017) 'Clinical efficacy and safety on combining 20% trichloroacetic acid peel with topical 5% ascorbic acid for melasma', *Journal of Clinical and Diagnostic Research*, 11(9), pp. WC08-WC11.
- Dehghan, M. and Mouzam, M. (2010) 'Advances in iontophoresis for drug delivery', *International Journal of Health Research*, 1(3), pp. 113–127.
- De Dormael, R. *et al.* (2019) 'Vitamin C prevents ultraviolet-induced pigmentation in healthy volunteers: Bayesian meta-analysis results from 31 randomized controlled versus vehicle clinical studies', *Journal of Clinical and Aesthetic Dermatology*, 12(2), pp. E53–E59.
- Ensari, N. *et al.* (2017) 'The effect of platelet-rich fibrin membrane on the repair of perforated tympanic membrane: an experimental study', *Acta Oto-Laryngologica*. Informa UK Limited, trading as Taylor & Francis Group, 137(7), pp. 695–699.
- Garala, K., Basu, B. and Dharamsi, A. (2010) 'Physical Penetration Enhancement Through TDDS: A Review', *Journal of Pharmacy Research*, 3(8), pp. 1769–1774.
- GraceLaurenSantoso, G. *et al.* (2018) 'The Effectiveness of Combination Serum of Tranexamic Acid, Galactomyces Ferment Filtrate, Niacinamide And Alpha Arbutin in Enhancing Skin Brightness', *International Journal of Medical Reviews and Case Reports*, 2(Reports in Surgery and Dermatology), p. 1.
- Grimes, P. E. *et al.* (2019) 'New oral and topical approaches for the treatment of melasma', *International Journal of Women's Dermatology*. Elsevier Inc., 5(1), pp. 30–36.
- Haque, T. and Talukder, M. M. U. (2018) 'Chemical enhancer: A simplistic way to modulate barrier function of the stratum corneum', *Advanced Pharmaceutical Bulletin*, 8(2), pp. 169–179.
- Harumi, O. and Goh, C. L. (2016) 'The effect of melasma on the quality of life in a sample of women living in Singapore', *Journal of Clinical and Aesthetic Dermatology*, 9(1), pp. 21–24.
- Huh, C. H. *et al.* (2003) 'A randomized, double-blind, placebo-controlled trial of vitamin C iontophoresis in melasma', *Dermatology*, 206(4), pp. 316–320.
- Hwang, S. W. *et al.* (2009) 'Clinical efficacy of 25% L-Ascorbic acid (C'ensil) in the treatment of melasma', *Journal of Cutaneous Medicine and Surgery*, 13(2), pp. 74–81.

- Iraji, F. *et al.* (2019) 'Efficacy of mesotherapy with tranexamic acid and ascorbic acid with and without glutathione in treatment of melasma: A split face comparative trial', *Journal of Cosmetic Dermatology*, 18(5), pp. 1416–1421.
- Ismail, E. S. A. *et al.* (2019) 'Efficacy of microneedling with topical vitamin C in the treatment of melasma', *Journal of Cosmetic Dermatology*, 18(5), pp. 1342–1347.
- Jenderal, S. (2007) 'The war and practical dietetics', *Journal of the American Medical Association*, LXV(1), pp. 31–33.
- Kasraee, B., Mansouri, P. and Farshi, S. (2019) 'Significant therapeutic response to cysteamine cream in a melasma patient resistant to Kligman's formula', *Journal of Cosmetic Dermatology*, 18(1), pp. 293–295.
- Kembuan, M. V., Wangko, S. and Tanudjaja, G. N. (2013) 'Peran Vitamin C Terhadap Pigmentasi Kulit', *Jurnal Biomedik (Jbm)*, 4(3).
- Kim, D. S., Park, S. H. and Park, K. C. (2004) 'Transforming growth factor- $\beta$ 1 decreases melanin synthesis via delayed extracellular signal-regulated kinase activation', *International Journal of Biochemistry and Cell Biology*, 36(8), pp. 1482–1491.
- Kim, H. Y. *et al.* (2018) 'Inhibitory effects of extracellular superoxide dismutase on ultraviolet B-induced melanogenesis in murine skin and melanocytes', *Life Sciences*. Elsevier Inc, 210, pp. 201–208.
- Kim, W. S. (2013) 'Efficacy and safety of a new superficial chemical peel using alpha-hydroxy acid, vitamin C and oxygen for melasma', *Journal of Cosmetic and Laser Therapy*, 15(1), pp. 21–24.
- Kwon, S. H. *et al.* (2016) 'Heterogeneous pathology of Melasma and its clinical implications', *International Journal of Molecular Sciences*, 17(6), pp. 1–15.
- Lea, C. S. *et al.* (2007) 'Reproductive risk factors for cutaneous melanoma in women: A case-control study', *American Journal of Epidemiology*, 165(5), pp. 505–513.
- Lee, A. Y. (2015) 'Recent progress in melasma pathogenesis', *Pigment Cell and Melanoma Research*, 28(6), pp. 648–660.
- Markiewicz, A. *et al.* (2019) 'An evaluation of the antiaging properties of strawberry hydrolysate treatment enriched with L-ascorbic acid applied with microneedle mesotherapy', *Journal of Cosmetic Dermatology*, 18(1), pp. 129–135.

- Miao, F. *et al.* (2019) 'Intramelanocytic acidification plays a role in the antimelanogenic and antioxidative properties of vitamin C and its derivatives', *Oxidative Medicine and Cellular Longevity*, 2019(Vc).
- Mobasher, P. *et al.* (2020) 'Catamenial Hyperpigmentation: A Review', *Journal of Clinical and Aesthetic Dermatology*, 13(6), pp. 18–21.
- Mochtar, M. *et al.* (2019) 'A split-face of dermaroller and intradermal injection with the autologous platelet rich fibrin lysate in the treatment of exogenous ochronosis: A case series', *Dermatology Reports*, 11(S1), pp. 169–172.
- Nam, J. H. *et al.* (2017) 'Melanogenesis inhibition in mice using a low-fluence 1064-nm Q-switched neodymium-doped yttrium aluminum garnet laser: a pilot study', *Lasers in Medical Science*. *Lasers in Medical Science*, 32(5), pp. 1063–1069.
- Nasrollahi, S. A. *et al.* (2019) 'Evaluation of the safety and efficacy of a triple combination cream (Hydroquinone, tretinoin, and fluocinolone) for treatment of melasma in Middle Eastern Skin', *Clinical, Cosmetic and Investigational Dermatology*, 12, pp. 437–444.
- Ndon, R. M. *et al.* (2006) 'Treatment of melasma', *Journal of the American Academy of Dermatology*, 54(5 SUPPL. 2), pp. 272–281.
- Novarina, R. M. and Sukanto, H. (2017) *Gambaran Dermoskopi dan Lampu Wood pada Melasma ( The Description of Dermoscopy and Wood ' s Lamp on Melasma )*, *Berkala Ilmu Kesehatan Kulit & Kelamin*.
- Oktarina, P. and Muslimin, M. (2012) *Faktor Risiko Penderita Melasma*, *Jurnal Kedokteran Diponegoro*.
- Prausnitz, M. R. and Langer, R. (2008) 'Transdermal drug delivery', *Nature Biotechnology*, 26(11), pp. 1261–1268.
- Queille-Roussel, C., Poncet, M. and Schaefer, H. (1991) 'Quantification of skin-colour changes induced by topical corticosteroid preparations using the Minolta Chroma Meter', *British Journal of Dermatology*, 124(3), pp. 264–270.
- Rahasia, A. S. T., Wiraguna, A. A. G. P. and Rusyati, L. M. M. (2019) 'Korelasi negatif kuat kadar prolaktin plasma yang rendah terhadap derajat keparahan melasma', *Intisari Sains Medis*, 10(1), pp. 95–101.
- Rajanala, S., Maymone, M. B. de C. and Vashi, N. A. (2019) 'Melasma pathogenesis: a review of the latest research, pathological findings, and investigational therapies', *Dermatology online journal*, 25(10), pp. 0–6.
- Ring, J. *et al.* (2014) 'Guideline for acute therapy and management of anaphylaxis', *Allergo Journal International*, 23(3), pp. 96–112.

- Salim, Y. F., Yenny, S. W. and Lestari, S. (2018) 'Insidens Melasma Di Poliklinik Kulit Dan Kelamin Rsup Dr. M. Djamil Padang Tahun 2012-2015', *Jurnal Kesehatan Andalas*, 7(Supplement 2), p. 71. doi: 10.25077/jka.v7i0.831.
- Saluja, H., Dehane, V. and Mahindra, U. (2011) 'Platelet-Rich fibrin: A second generation platelet concentrate and a new friend of oral and maxillofacial surgeons', *Annals of Maxillofacial Surgery*, 1(1), p. 53.
- Shihab, N. *et al.* (2020) 'Randomised, controlled, double-blind study of combination therapy of oral tranexamic acid and topical hydroquinone in the treatment of melasma', *Australasian Journal of Dermatology*, (February).
- Situmorang, N., Utara, U. S. and Utara, S. (2020) 'Malondialdehyde', *Definitions*, 2(2).
- Suseno, L. S., Bernadette, I. and Legiawati, L. (2014) 'Tinjauan Pustaka Perkembangan Terbaru Etiopatogenesis Melasma', *Mdvi*, 41 No.3, pp. 133–138.
- Telang, P. (2013) 'Vitamin C in dermatology', *Indian Dermatology Online Journal*, 4(2), p. 143.
- Trivedi, M. K., Yang, F. C. and Cho, B. K. (2017) 'A review of laser and light therapy in melasma', *International Journal of Women's Dermatology*, 3(1), pp. 11–20.
- Trommer, H. *et al.* (2002) 'Role of ascorbic acid in stratum corneum lipid models exposed to UV irradiation', *Pharmaceutical Research*, 19(7), pp. 982–990.
- Videira, I. F. dos S., Lima Moura, D. F. and Vasconcelos Magina, S. B. L. M. (2013) 'Mechanisms regulating melanogenesis Inês', *Anais Brasileiros de Dermatologia*, 88(1), pp. 76–83.
- Widodo, Y. and Soebono, H. (2014) *LISAT PLATELET DAN MEDIUM TERKONDISI SEL PUNCA MESENSIMAL UNTUK MEMPERBAIKI KULIT MENUA DINI Kajian In-vitro pada Fibroblas Kulit Manusia Menua Dini Buatan*. universitas gadjah mada.
- Xi, Z. *et al.* (2011) 'Efficacy and safety of Q-switched 1,064-nm neodymium-doped yttrium aluminum garnet laser treatment of melasma', *Dermatologic Surgery*, 37(7), pp. 962–970.
- Xu, J. and Shi, G. P. (2014) 'Vascular wall extracellular matrix proteins and vascular diseases', *Biochimica et Biophysica Acta - Molecular Basis of Disease*, 1842(11), pp. 2106–2119.