

## REFERENCES

1. Anggraeni, M., Wati, K.D.K. and Tangking, K. (2014), “Using family atopy scores to identify the risk of atopic dermatitis in infants”, *Paediatrica Indonesiana*, Vol. 54 No. 6, p. 330.
2. “Atopic March: AAAAI”. (n.d.). *The American Academy of Allergy, Asthma & Immunology*, available at:  
<https://www.aaaai.org/conditions-and-treatments/conditions-dictionary/atopic-march>.
3. Aw, M., Penn, J., Gauvreau, G., Lima, H. and Sehmi, R., 2019. Atopic March: Collegium Internationale Allergologicum Update 2020. *International Archives of Allergy and Immunology*, [online] 181(1), pp.1-10. Available at:  
<<https://www.karger.com/Article/FullText/502958#>>.
4. Ballardini, N., Bergström, A., Böhme, M., van Hage, M., Hallner, E., Johansson, E., Söderhäll, C., Kull, I., Wickman, M. and Wahlgren, C., 2014. Infantile eczema: Prognosis and risk of asthma and rhinitis in preadolescence. *Journal of Allergy and Clinical Immunology*, [online] 133(2), pp.594-596.e3. Available at:  
<[https://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list\\_uids=24332221](https://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=24332221)>.

5. Boothe, W.D., Tarbox, J.A. and Tarbox, M.B. (2017), “Atopic Dermatitis: Pathophysiology”, *Advances in Experimental Medicine and Biology Management of Atopic Dermatitis*, pp. 21–37.
6. Brannon, H.L. (2020), “Want Healthy, Attractive Skin? This Is Mostly Responsible for It”, *Verywell Health*, Verywell Health, 21 April, available at: <https://www.verywellhealth.com/stratum-corneum-anatomy-1069189>.
7. “Dermatitis Atopik: Lesi Kemerahan dengan Rasa Gatal”. (n.d.). *IDAI*, available at: <http://www.idai.or.id/artikel/klinik/keluhan-anak/dermatitis-atopik-lesi-kemerahan-dengan-rasa-gatal>.
8. Dold, S., Wjst, M., von Mutius, E., Reitmeir, P. and Stiepel, E., 1992. Genetic risk for asthma, allergic rhinitis, and atopic dermatitis. *Archives of Disease in Childhood*, [online] 67(8), pp.1018-1022. Available at: <https://pubmed.ncbi.nlm.nih.gov/1520004/>.
9. Esparza-Gordillo, J., Matanovic, A., Marenholz, I., Bauerfeind, A., Rohde, K., Nemat, K., Lee-Kirsch, M.-A., et al. (2015), “Maternal Filaggrin Mutations Increase the Risk of Atopic Dermatitis in Children: An Effect Independent of Mutation Inheritance”, *PLOS Genetics*, Vol. 11 No. 3, available at: <http://doi.org/10.1371/journal.pgen.1005076>.
10. Ferreira, M.A., Vonk, J.M., Baurecht, H., Marenholz, I., Tian, C., Hoffman,

J.D., Helmer, Q., et al. (2017), “Shared genetic origin of asthma, hay fever and eczema elucidates allergic disease biology”, *Nature Genetics*, Vol. 49 No. 12, pp. 1752–1757.

11. Gough, H., Grabenhenrich, L., Reich, A., Eckers, N., Nitsche, O., Schramm, D., Beschorner, J., Hoffmann, U., Schuster, A., Bauer, C., Forster, J., Zepp, F., Lee, Y., Bergmann, R., Bergmann, K., Wahn, U., Lau, S. and Keil, T., 2015. Allergic multimorbidity of asthma, rhinitis and eczema over 20 years in the German birth cohort MAS. *Pediatric Allergy and Immunology*, [online] 26(5), pp.431-437. Available at: <https://pubmed.ncbi.nlm.nih.gov/26011739/>.
12. Hill, D.A. and Spergel, J.M. (2018), “The atopic march”, *Annals of Allergy, Asthma & Immunology*, Vol. 120 No. 2, pp. 131–137.
13. Hong, C.-H., Joseph, M., Kim, V.H., Lansang, P. and Lara-Corrales, I. (2019), “Approach to the Assessment and Management of Pediatric Patients with Atopic Dermatitis: A Consensus Document. Section II: Comorbid Disease in Pediatric Atopic Dermatitis”, *Journal of Cutaneous Medicine and Surgery*, Vol. 23 No. 5\_suppl, available at: <http://doi.org/10.1177/1203475419882655>.
14. Ikatan Dokter Anak Indonesia, Perhimpunan Obstetri dan Ginekologi. Deteksi dini risiko alergi. [cited 2011 January 20]. Available from:

<http://www.scribd.com/doc/36656568/Kartu-Deteksi-Resiko-Alergi>

15. Indinnimeo, L., Porta, D., Forastiere, F., De Vittori, V., De Castro, G., Zicari, A., Tancredi, G., Melengu, T. and Duse, M., 2016. Prevalence and risk factors for atopic disease in a population of preschool children in Rome: Challenges to early intervention. *International Journal of Immunopathology and Pharmacology*, [online] 29(2), pp.308-319. Available at: <<https://journals.sagepub.com/doi/pdf/10.1177/0394632016635656>>.
16. Kelompok Studi Dermatologi Anak Indonesia PERDOSKI. (2014). Panduan Diagnosis dan Tatalaksana Dermatitis Atopik di Indonesia.pdf. (January), 59.
17. Kezic, S. and Jakasa, I. (n.d.). "Filaggrin and Skin Barrier Function", *Current Problems in Dermatology Skin Barrier Function*, pp. 1–7.
18. Kim, J., Kim, B.E. and Leung, D.Y.M. (2019), "Pathophysiology of atopic dermatitis: Clinical implications", *Allergy and Asthma Proceedings*, Vol. 40 No. 2, pp. 84–92.
19. Kusel, M., Holt, P., de Klerk, N. and Sly, P., 2005. Support for 2 variants of eczema. *Journal of Allergy and Clinical Immunology*, [online] 116(5), pp.1067-1072. Available at: <[https://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list\\_uids=16275378](https://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=16275378)>.
20. Ochoa-Avilés, C., Morillo, D., Rodriguez, A., Cooper, P., Andrade, S.,

- Molina, M., Parra, M., Parra-Ullauri, A., Mejía, D., Neira, A., Rodas-Espinoza, C. and Ochoa-Avilés, A., 2020. Correction: Prevalence and risk factors for asthma, rhinitis, eczema, and atopy among preschool children in an Andean city. *PLOS ONE*, [online] 15(7), p.e0236843. Available at: <<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0234633>>.
21. Osawa, R., Akiyama, M. and Shimizu, H. (2011), “Filaggrin Gene Defects and the Risk of Developing Allergic Disorders”, *Allergology International*, Vol. 60 No. 1, pp. 1–9.
22. Paller, A.S., Spergel, J.M., Mina-Osorio, P. and Irvine, A.D. (2019), “The atopic march and atopic multimorbidity: Many trajectories, many pathways”, *Journal of Allergy and Clinical Immunology*, Vol. 143 No. 1, pp. 46–55.
23. Pinart, M., Benet, M., Annesi-Maesano, I., Berg, A.V., Berdel, D., Carlsen, K.C.L., Carlsen, K.-H., et al. (2014), “Comorbidity of eczema, rhinitis, and asthma in IgE-sensitised and non-IgE-sensitised children in MeDALL: a population-based cohort study”, *The Lancet Respiratory Medicine*, Vol. 2 No. 2, pp. 131–140.
24. Pyun, B.Y. (2015), “Natural History and Risk Factors of Atopic Dermatitis in Children”, *Allergy, Asthma & Immunology Research*, Vol. 7 No. 2, p. 101.
25. Saunes, M., Øien, T., Dotterud, C., Romundstad, P., Storrø, O., Holmen, T.

and Johnsen, R., 2012. Early eczema and the risk of childhood asthma: a prospective, population-based study. *BMC Pediatrics*, [online] 12(1).

Available at:

<[https://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list\\_uids=23095804](https://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=23095804)>.

26. Schneider, L., Hanifin, J., Boguniewicz, M., Eichenfield, L.F., Spergel, J.M., Dakovic, R. and Paller, A.S. (2016), “Study of the Atopic March: Development of Atopic Comorbidities”, *Pediatric Dermatology*, Vol. 33 No. 4, pp. 388–398.
27. Sidbury, R. and Kodama, S. (2018), “Atopic dermatitis guidelines: Diagnosis, systemic therapy, and adjunctive care”, *Clinics in Dermatology*, Vol. 36 No. 5, pp. 648–652.
28. Sihotang, T., 2017, *Karakteristik Klinis, Derajat Penyakit dan Sensitisasi Alergen pada Anak dengan Dermatitis Atopik*, Bachelor thesis, Universitas Gadjah Mada, Yogyakarta
29. Silverberg, J.I. (2019), “Comorbidities and the impact of atopic dermatitis”, *Annals of Allergy, Asthma & Immunology*, Vol. 123 No. 2, pp. 144–151.
30. Soegiarto, G., Abdullah, M.S., Damayanti, L.A., Suseno, A. and Effendi, C. (2019), “The prevalence of allergic diseases in school children of metropolitan city in Indonesia shows a similar pattern to that of developed countries”, *Asia*

*Pacific Allergy*, Vol. 9 No. 2, available

at:<http://doi.org/10.5415/apallergy.2019.9.e17>.

31. Soegiarto, G., Damayanti, L. and Effendi, C., 2020. *GENETIC AND ENVIRONMENTAL FACTORS AS STRONG DETERMINANTS OF ATOPIC ALLERGIC DISEASE CLINICAL MANIFESTATIONS IN SURABAYA's SCHOOL CHILDREN*. [online] Available at:  
<<https://e-journal.unair.ac.id/FMI/article/view/6459>>.
32. Thomsen, S.F. (2015), "Epidemiology and natural history of atopic diseases", *European Clinical Respiratory Journal*, Vol. 2 No. 1, p. 24642.
33. von Kobyletzki, L., Bornehag, C., Hasselgren, M., Larsson, M., Lindström, C. and Svensson, Å., 2012. Eczema in early childhood is strongly associated with the development of asthma and rhinitis in a prospective cohort. *BMC Dermatology*, [online] 12(1). Available at:  
<[https://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list\\_uids=22839963](https://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=22839963)>.
34. Wan, J., Mitra, N., Hoffstad, O., Gelfand, J., Yan, A. and Margolis, D., 2017. Variations in risk of asthma and seasonal allergies between early- and late-onset pediatric atopic dermatitis: A cohort study. *Journal of the American Academy of Dermatology*, [online] 77(4), pp.634-640. Available at:  
<<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5653257/pdf/nihms883386>>.

pdf>

35. Wardianti, F. A., 2018, *Clinical Profile of Atopic Dermatitis in Child Patients At RSUP Dr. Sardjito, Yogyakarta From 2014 - 2016*, Bachelor thesis, Universitas Gadjah Mada, Yogyakarta
36. Yung, J., Yuen, J., Ou, Y. and Loke, A. (2015), “Factors Associated with Atopy in Toddlers: A Case-Control Study”, *International Journal of Environmental Research and Public Health*, Vol. 12 No. 3, pp. 2501–2520.
37. Rodríguez, E., Baurecht, H., Herberich, E., Wagenpfeil, S., Brown, S., Cordell, H., Irvine, A. and Weidinger, S., 2009. Meta-analysis of filaggrin polymorphisms in eczema and asthma: Robust risk factors in atopic disease. *Journal of Allergy and Clinical Immunology*, [online] 123(6), pp.1361-1370.e7. Available at:  
<[https://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list\\_uids=19501237](https://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=19501237)>.