

## DAFTAR PUSTAKA

- Aggarwal, P., & Senthilkumaran, S. (2023). Dust mite allergy. *In StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK560718/>
- Akdis, C.A. and Akdis, M. (2015). Mechanisms of allergen-specific immunotherapy and immune tolerance to allergens. *World Allergy Organization Journal*, 8, pp. 1–12. doi: 10.1186/s40413-015-0063-2.
- Anasis, M. A., Rozaliyani, A., & Wibowo, H. (2020). Density of dermatophagoides spp. and its relationship with house-dust mite specific serum IgE in persistent asthma. *Molecular and Cellular Biomedical Sciences*, 4(2), 61-67.
- Badan Penelitian dan Pengembangan Kesehatan (2019). Laporan Nasional Riset Kesehatan Dasar (Riskesdas) 2018. Jakarta, Lembaga Penerbit Badan Penelitian dan Pengembangan Kesehatan. Halaman 113-117
- Bellou, V., Gogali, A., & Kostikas, K. (2022). Asthma and tobacco smoking. *Journal of Personalized Medicine*, 12(8), 1231. doi: 10.3390/jpm12081231. PMID: 36013180; PMCID: PMC9409665.
- Biagtan M, Ravi Viswanathan, Robert K. Bush. (2014). Immunotherapy for House Dust Mite Sensitivity: Where Are the Knowledge Gaps? *Curr Allergy Asthma Rep*, 14 (482): 1-7.
- Boulet, L. P., & Boulay, M. È. (2011). Asthma-related comorbidities. *Expert Review of Respiratory Medicine*, 5(3), 377-393. doi: 10.1586/ers.11.34. PMID: 21702660
- Busse, W. W., & Lemanske, R. F. Jr. (2001). Asthma. *New England Journal of Medicine*, 344(5), 350-362. doi: 10.1056/NEJM200102013440507. PMID: 11172168
- Busse WW, Rosenwasser LJ. (2003). Mechanisms of asthma. *J Allergy Clin Immunol*. 2003 Mar;111(3 Suppl): S799-804. doi: 10.1067/mai.2003.158. PMID: 12618746.



- Bertrand, P., & Sanchez, I. (2020). *Pediatric respiratory disease* (1st ed.). Springer, Switzerland
- Calderon, A. M., Linnerberg, A., Kleine Tebbe, J., de Blay, F., Hernandez Fernandez de Rojas, D., Virchow, J. C., & Demoly, P. (2015). Respiratory allergy caused by house dust mite: What do we really know? *Journal of Allergy and Clinical Immunology*, 136(1), 38-48.
- Canonica, G.W., Cox, L., Pawankar, R., *et al.* (2014). Sublingual immunotherapy: World Allergy Organization position paper 2013 update. *World Allergy Organization Journal*, 7, pp. 1–52. doi: 10.1186/1939-4551-7-6.
- Cantani A, (2008). *Pediatric Allergy, Astma and Immunology* (1<sup>st</sup> ed). Spinger, Germany.
- Detriana V, Agung Prasetyo Wibowo, Muchammad Fahrul Udin, Ery Olivianto, Wisnu Barlianto, & Kusuma, H. C. (2016). Association Between Aeroallergen Sensitization and The Severity of Asthma in Pediatric Patients. *Proceeding ICHMS* 1(1): 126-129.
- Endaryanto, A. (2021). Memahami dan mengurai kompleksitas manajemen alergipada anak Indonesia. Airlangga University Press.
- Endaryanto, A., & Nugraha, R. A. (2022). Safety profile and issues of subcutaneous immunotherapy in the treatment of children with allergic rhinitis. *Cells*, 11(9), 1584. doi: 10.3390/cells11091584. PMID: 35563890; PMCID: PMC9100360.
- Endaryanto A. (2019) The build-up phase outcome of subcutaneous immunotherapy for pediatric allergic asthma: A retrospective cohort study from Surabaya, Indonesia. *Bali Med J* 2019; 8(1): 341-346. doi: 10.15562/bmj.v8i1.1481.
- Global Initiative for Asthma. (2024). Global strategy for asthma management and prevention. Retrieved from <https://www.ginasthma.org>.
- Heinzerling, L., Mari, A., Bergmann, K.C., Bresciani, M., Burbach, G., Darsow, U., Durham, S., Fokkens, W., Gjomarkaj, M., Haahtela, T., Bom, A.T., Wöhrl, S., Maibach, H., & Lockey, R. (2013). The skin prick test - European

- standards. *Clinical and Translational Allergy*, 3(1), 3. doi: 10.1186/2045-7022-3-3. PMID: 23369181; PMCID: PMC3565910.
- Illi, S., von Mutius, E., Lau, S., Nickel, R., Niggemann, B., Sommerfeld, C., Wahn, U., & others. 2001. The pattern of atopic sensitization is associated with the development of asthma in childhood. *Journal of Allergy and Clinical Immunology*, 108(5), 709–14.
- Jakka, S. (2021). Skin prick testing in children. *Karnataka Pediatric Journal*. 35. 67-71. 10.25259/KPJ\_14\_2020.
- Kim, I. S. (2023). New approaches to immunotherapy in house dust mite allergy. *Clin Exp Pediatr*, 66(4);161-168. <https://doi.org/10.3345/cep.2022.00479>.
- Klain A, Senatore AA, Licari A, Galletta F, Bettini I, Tomei L, Manti S, Mori F, Miraglia del Giudice M, Indolfi C. (2024). The Prevention of House Dust Mite Allergies in Pediatric Asthma. *Children*. 2024; 11(4):469. <https://doi.org/10.3390/children11040469>.
- Kementerian Kesehatan Republik Indonesia. (2017). *Riset Kesehatan Dasar 2018*. Jakarta: Badan Penelitian dan Pengembangan Kesehatan. Retrieved from [http://labdata.litbang.kemkes.go.id/images/download/laporan/RKD/2018/Laporan\\_Nasional\\_RKD2018\\_FINAL.pdf](http://labdata.litbang.kemkes.go.id/images/download/laporan/RKD/2018/Laporan_Nasional_RKD2018_FINAL.pdf).
- Koper, I., Hufnagl, K., & Ehmann, R. (2017). Gender aspects and influence of hormones on bronchial asthma - Secondary publication and update. *World Allergy Organization Journal*, 10(1), 46. doi: 10.1186/s40413-017-0177-9. PMID: 29308113; PMCID: PMC5745695.
- Lang, J.E., Bunnell, H.T., Hossain, M.J., Wysocki, T., Lima, J.J., Finkel, T.H., Bacharier, L., Dempsey, A., Sarzynski, L., Test, M. and Forrest, C.B. (2018). Being Overweight or Obese and the Development of Asthma, *Pediatrics*, 142(6), p. e20182119. doi: 10.1542/peds.2018-2119. PMID: 30478238.
- Lazuardi, R.A. (2014). *Profile of Eosinophil in Asthmatic Children at Child Health Department RSUP Sardjito Yogyakarta*. Hal 11.
- Levy, M.L., Bacharier, L.B., Bateman, E. *et al.*, (2023) Key recommendations for primary care from the 2022 Global Initiative for Asthma (GINA)



- update. *npj Prim. Care Respir. Med.* **33**, 7 (2023).  
<https://doi.org/10.1038/s41533-023-00330-1>.
- Liu, M. (2024). Pathogenesis of Asthma. *UpToDate*. [updated 2022 Feb 09]. Available from: <https://www.uptodate.com/contents/pathogenesis-of-asthma#H2>.
- Lizzo, J.M., & Cortes, S. (2024). Pediatric Asthma. *StatPearls [Internet]*. [Updated 2023 Aug 7]. Treasure Island (FL): StatPearls Publishing. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK551631/>.
- Martin, J., Townshend, J., & Brodlie, M. (2022). Diagnosis and management of asthma in children. *BMJ Paediatrics Open*, 6(1), e001277. doi: 10.1136/bmjpo-2021-001277. PMID: 35648804; PMCID: PMC9045042.
- Miraglia Del Giudice M, Licari A, Brambilla I, Tosca MA, & Ciprandi G. (2020) Allergen Immunotherapy in Pediatric Asthma: A Pragmatic Point of View. *Children*. 2020; 7(6):58. <https://doi.org/10.3390/children7060058>
- Moote, W., Kim, H., & Ellis, A.K. (2018). Allergen-specific immunotherapy. *Allergy, Asthma & Clinical Immunology*, 14(Suppl 2), 53. doi: 10.1186/s13223-018-0282-5. PMID: 30275845; PMCID: PMC6157282.
- Nakagome K. dan Nagata M. (2020). Role of Allergen Immunotherapy in Asthma Treatment and Asthma Development. *Allergies*, 1: 33-45
- Oppenheimer, J.J. (2019). Allergic and Environmental Asthma. *Medscape*. 3 Mei 2021. Available from: [Allergic and Environmental Asthma: Overview, Patient History, Differential Diagnosis \(medscape.com\)](https://www.medscape.com/viewarticle/944447)
- Ozdemir, C., Kucuksezer, U.C., Akdis, M., & Akdis, C.A. (2016). Mechanisms of Aeroallergen Immunotherapy: Subcutaneous Immunotherapy and Sublingual Immunotherapy. *Immunology and Allergy Clinics*, 36, 71-86.
- Park, J., Sohn, J.H., Han, S.M., Park, Y.J., Huh, J.Y., Choe, S.S. and Kim, J.B. (2021). Adipocytes Are the Control Tower That Manages Adipose Tissue Immunity by Regulating Lipid Metabolism. *Frontiers in Immunology*, 11, p. 598566. doi: 10.3389/fimmu.2020.598566. PMID: 33584664; PMCID: PMC7876236.



- Putera, A.M., Hikmah, Z., Endaryanto, A., Irwanto, & Maramis, M.M. (2021). The role of house dust mite immunotherapy in Indonesian children with chronic rhinosinusitis allergy: A randomized control trial. *Heliyon*, 7(3), e06510. doi: 10.1016/j.heliyon.2021.e06510.
- Reddel, H.K., Bacharier, L.B., Bateman, E.D., Boulet, L.-P., Brightling, C., Brusselle, G., Buhl, R., & Duijts, L. (2023). *Global Initiative for Asthma*. pp. 1–217. Available at: [https://ginasthma.org/wp-content/uploads/2023/07/GINA-2023-Full-report-23\\_07\\_06-WMS.pdf](https://ginasthma.org/wp-content/uploads/2023/07/GINA-2023-Full-report-23_07_06-WMS.pdf)
- Rengganis, I. (2018). *Skin prick test dalam diagnosis penyakit alergi*. Jakarta: Badan Penerbit Fakultas Kedokteran Universitas Indonesia.
- Rice, L.J., Gregory, B.D., Suarez Cuervo, C., Brigham, E.P., Lin, S.Y., Ramanathan, M., Robinson, K.A., & Azar, A. (2018). Allergen-specific immunotherapy in the treatment of pediatric asthma: A systematic review. *Pediatrics*, 141(5), pp. 1-11.
- Rinawarti, F. (2017). Hubungan peran dan pengetahuan ibu dalam pencegahan kekambuhan alergi makanan. *Jurnal Berkala Epidemiologi*, 5(1), pp. 95–106. doi: 10.20473/jbe.v5i1.
- Rusznak, C., Sapsford, R.J., Devalia, J.L., Shah, S.S., Hewitt, E.L., Lamont, A.G., Davies, R.J., & Lozewicz, S. (2001). Interaction of cigarette smoke and house dust mite allergens on inflammatory mediator release from primary cultures of human bronchial epithelial cells. *Clinical and Experimental Allergy*, 31(2), pp. 226-238. doi: 10.1046/j.1365-2222.2001.01000.x.
- Saijo, Y., Yoshioka, E., Sato, Y., Miyamoto, T., Azuma, H., Tanahashi, Y., Ito, Y., Kobayashi, S., Minatoya, M., Ait Bamai, Y., Yamazaki, K., Itoh, S., Miyashita, C., Araki, A., Kishi, R., & Japan Environment and Children's Study (JECS) Group. (2021). Parental educational level and childhood wheezing and asthma: A prospective cohort study from the Japan Environment and Children's Study. *PLoS One*, 16(4), e0250255. doi: 10.1371/journal.pone.0250255.



- Santi, A., Juffrie, M., & Sumadiono, S. (2012). IgE-mediated soy protein sensitization in children with cow's milk allergy. *Paediatrica Indonesiana*, 52(2), 67–71.
- Sesmita, R. (2021). Hubungan antara obesitas dengan kejadian penyakit asma pada orang dewasa di Indonesia. Repository UNSRI. Dapat diakses di [RAMA\\_13201\\_10011381722178\\_0228068801\\_01\\_front\\_ref.pdf](https://repository.unsri.ac.id/RAMA_13201_10011381722178_0228068801_01_front_ref.pdf) ([unsri.ac.id](https://unsri.ac.id)) (Accessed: 29 November 2024)
- Sharma. (2024). Pediatric asthma. In: Medscape. WebMD LLC Publishing. Available at: [https://emedicine.medscape.com/article/1000997-overview?icd=login\\_success\\_email\\_match\\_norm#a3](https://emedicine.medscape.com/article/1000997-overview?icd=login_success_email_match_norm#a3). (Accessed: 4 November 2024).
- Sinha, S., Kumar, S., Narwaria, M., Singh, A., & Haque, M. (2023). Severe acute bronchial asthma with sepsis: Determining the status of biomarkers in the diagnosis of the disease. *DiagnostKI*, 13(16), p. 2691. doi: 10.3390/diagnostKI13162691.
- Susanti, G., I., Sumadiono, Indrawanti., R., R. (2018). Skor nyeri terhadap pemberian injeksi imunoterapi subkutan pada pasien anak dengan rinitis alergi. Diunduh dari <http://etd.repository.ugm.ac.id/>
- The Global Asthma Report. (2022). *International Journal of Tuberculosis and Lung Disease*, 26(Supp 1), pp. 1-104. doi: 10.5588/ijtld.22.1010.
- Tosca A. M., Amelia Licari, Roberta Olcese, Gianluigi Marseglia, Oliviero Sacco, Giorgio Ciprandi. (2018). Immunotherapy and Asthma in Children. *Frontiers in PediatrKI*, 6 (231): 1-8
- Triasih R, Setyowireni D, Nurani N, Setyati A. (2023). Prevalence, Management, and Risk Factors of Asthma Among School-Age Children in Yogyakarta, Indonesia. *J Asthma Allergy*. 2023; 16:23-32 <https://doi.org/10.2147/JAA.S392733>
- Yang L, Zhu R. (2017). Immunotherapy of house dust mite allergy. *Hum Vaccin Immunother*. 2017 Oct 3;13(10):2390-2396. doi: 10.1080/21645515.2017.1364823.



- Yashifa, Dian & Endaryanto, Anang & Setyaningrum, Retno. (2021). Correlation between induration diameter of skin prick test result to house dust mite allergen with immunotherapy efficacy. *International Journal of Research Publications*. 82. 10.47119/IJRP100821820212131.
- Yudhistira, Sukartini, N., Immanuel, S., & Rengganis, I. (2019). Evaluasi Pemeriksaan Immunoglobulin E Spesifik Menggunakan Immunoblot Assay dengan Baku Emas Skin Prick Test. *Cermin Dunia Kedokteran*, 46(2), 123-130. DOI: 10.55175/cdk.v46i2.505.
- Yung, J.A., Fuseini, H., & Newcomb, D.C. (2018). Hormones, sex, and asthma. *Annals of Allergy, Asthma & Immunology*, 120(5), pp. 488-494. doi: 10.1016/j.anai.2018.01.016.
- Zhang, W., Lin, C., Sampath, V., & Nadeau, K. (2018). Impact of allergen immunotherapy in allergic asthma. *Immunotherapy*, 10, pp. 2217-0138. doi: 10.2217/imt-2017-0138.
- Zheng, C., Xu, H., Huang, S., & Chen, Z. (2023). Efficacy and safety of subcutaneous immunotherapy in asthmatic children allergic to house dust mite: A meta-analysis and systematic review. *Frontiers in Pediatrics*, 11, 1137478. doi: 10.3389/fped.2023.1137478.