

DAFTAR PUSTAKA

1. Leonard B Bacharier HKR. *Global Initiative for Asthma Strategy 2021: Executive Summary and Rationale for Key Changes*. *J Allergy Clin Immunol*. (2022). doi:10.1016/j.jaip.2021.10.001.
2. E D Bateman. *Global strategy for asthma management and prevention: GINA executive summary*. *Eur Respir J*. (2018). doi:10.1183/09031936.00138707
3. GBD 2019 Diseases and Injuries Collaborators. *Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019*. *Lancet*. (2020). doi:10.1016/S0140-6736(20)32226-1.
4. Riset Kesehatan Dasar. Badan Penelitian dan Pengembangan Kesehatan Kementerian RI tahun 2013. (2013).
5. Riset Kesehatan Dasar. Badan Penelitian dan Pengembangan Kesehatan Kementerian RI tahun 2018. (2018).
6. Survei Kesehatan Rumah Tangga (SKRT) tahun 2018 Dalam Angka. Kementerian Kesehatan Badan Kebijakan Pembangunan Kesehatan. Kemenkes BKKP. (2018).
7. Survei Kesehatan Indonesia (SKI) 2023 Dalam Angka. Kementerian Kesehatan Badan Kebijakan Pembangunan Kesehatan. Kemenkes BKKP. (2023).
8. Pawankar R. *Allergic diseases and asthma: a global public health concern and a call to action*. *World Allergy Organization (WAO)*. (2020).
9. Profil Kesehatan Indonesia tahun 2021. Kementerian Kesehatan Republik Indonesia. (2021).
10. Blasi F PA. *Treatment strategies for asthma: reshaping the concept of asthma management*. *Allergy Asthma Clin Immunol*. (2020). doi:10.1186/s13223-020-00472-8.
11. Veeranki SP MJ. *Diagnosis and Management of Asthma in Adults: A Review*. *JAMA*. (2017). doi:10.1001/jama.2017.8372
12. Vander Leek TK FD. *Anaphylaxis*. *Allergy Asthma Clin Immunol*. (2018).
13. *National Health Interview Survey (NHIS)*. *Center for Disease Control and Prevention*. (2017).
14. *National Health Interview Survey (NHIS)*. *Center for Disease Control and Prevention*. (2021).
15. Riset Kesehatan Dasar Provinsi Jawa tengah. Badan Penelitian dan Pengembangan Kesehatan Kementerian RI tahun 2018. (2018).
16. *The Global Asthma Report*. *Int J Tuberc Lung Dis*. 2022. *Int J Tuberc Lung Dis*. (2022). doi:10.5588/ijtld.22.1010
17. J.J Feddema. *Prevalence of viral respiratory infections amongst asthmatics: Results of a meta-regression analysis*. (2020). doi:https://doi.org/10.1016/j.rmed.2020.106020
18. Tirelli C PD. *Asthma-like symptoms: is it always a pulmonary issue? Multidiscipline Respir Med*. (2018).
19. Levin H GH. *Locus for Variants Associated with Early-Onset Asthma in African Americans*. *Am J Respir Crit Care Med*. (2021).
20. Ampleford EJ TD. *Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations*. *Nat Genet*. (2020).

21. Molfino NA PJ. *Targeting TSLP in Asthma. J Asthma Allergy.* (2022).
22. Labilloy G FJ. *Single Nucleotide Polymorphisms (SNPs) in PRKG1 & SPATA13-AS1 are associated with bronchodilator response: a pilot study during acute asthma exacerbations in African American children. Pharmacogenet Genomics.* (2021).
23. Hubbard WC LM. *Immediate and late inflammatory responses to ragweed antigen challenge of the peripheral airways in allergic asthmatics. Cellular, mediator, and permeability changes. Am Rev Respir Dis.* (1991).
24. Proud D RM. *Evidence that enhanced nasal reactivity to bradykinin in patients with symptomatic allergy is mediated by neural reflexes. J Allergy Clin Immunol.* (1996).
25. Beserman J YY. *The Calgary Guide to Understanding Disease. "Pathogenesis of Asthma." The Calgary Guide to Understanding Disease.* (2021).
26. Brown KC LS. *Irreversible lung function deficits in young adults with a history of childhood asthma. J Allergy Clin Immunol.* (2005).
27. Ahmed P JJ. *Preterm delivery and asthma: a systematic review and meta-analysis. J Allergy Clin Immunol.* (2006).
28. Forno E CRJ. *Risk and Protective Factors for Childhood Asthma: What Is the Evidence? J Allergy Clin Immunol Pract.* (2016).
29. Chawes BL WH. *Prenatal vitamin D supplementation reduces risk of asthma/recurrent wheeze in early childhood: A combined analysis of two randomized controlled trials. PLoS One.* (2017).
30. Hashmi MF GJ. *Asthma. StatPearls Publishing.* (2020).
31. Wasan AN NA. *Asthma in Adults. Med Clin North Am.* (2020). doi:10.1016/j.mcna.2019.08.013.
32. Frethernety A DJ. *Literature Review: Gambaran Faktor-Faktor Pencetus Asma pada Pasien Asma. Jurnal Kedokteran Universitas Palangkaraya.* (2022). doi:https://doi.org/10.37304/jkupr.v10i2.3492
33. Adams HN TJ. *Review article: the diagnosis and management of food allergy and food intolerances. Aliment Pharmacol Ther.* (2015). doi:10.1111/apt.12984
34. Bousquet J. *Allergic rhinitis and its impact on asthma (ARIA) 2008 update. Allergy.* (2008). doi:https://doi.org/10.1111/j.1398-9995.2007.01620.x
35. Sundaru H. *House dust mite allergen level and allergen sensitization as risk factors for asthma among student in Central Jakarta. Medical Journal of Indonesia.* (2006).
36. Custovic, A. *Allergen avoidance in the treatment of asthma and allergic rhinitis. Current Allergy and Asthma Reports.* (2018). doi:https://doi.org/10.1007/s11882-018-0782-z
37. Thomas, W. R. *House dust mite allergens: new discoveries and relevance to the allergic immune response. Current Allergy and Asthma Reports.* (2020). doi:https://doi.org/10.1007/s11882-020-00961-6
38. Bearman, N S RA. *Indoor fungal diversity and asthma: a meta-analysis and systematic review of risk factors. The Journal of Allergy and Clinical Immunology.* (2015). doi:https://doi.org/10.1016/j.jaci.2014.07.002

39. Danh CD. *Cockroach exposure and asthma in inner-city children. Annals of Allergy, Asthma & Immunology.* (2012). doi:<https://doi.org/10.1016/j.anai.2012.09.008>
40. Wang J ND. *Household Air Pollution and Adult Respirator Health. European Respiratory Journal.* (2021).
41. Afifah G D Yuniati Y. Faktor Predisposisi Dan Pencetus Dengan Serangan Asma Bronkial. *Journal Healthy Purpose.* (2022).
42. Sada M HY. *Rhinovirus Infection and Virus-Induced Asthma. Viruses.* (2022). doi:<https://doi.org/10.3390/v14122616>.
43. Bidjuni H MM. Faktor Resiko yang Berhubungan dengan Riwayat Serangan pada Penderita Asma di Kabupaten Minahasa Selatan. *Jurnal Keperawatan.* (2021).
44. Rau MJ AA. Faktor-Faktor yang Berhubungan dengan Kejadian Asma di Wilayah Kerja Puskesmas Singgani Kota Palu. *Jurnal Kesehatan Tadulako.* (2019).
45. Kabundji D. *Severity and Associated Triggers for Acute Asthma Attack in Patients Presenting to the Emergency Department of The Bertha Gxowa Hospital. South African General Practitioner.* (2016).
46. Heinrichs, K., Hummel, S., Gholami, J. et al. *Psychosocial working conditions, asthma self-management at work and asthma morbidity: a cross-sectional study. Clin Transl Allergy* 9, 25 (2019). <https://doi.org/10.1186/s13601-019-0264-9>
47. Nurman, M., & Safitri, Y. Faktor-faktor yang Berhubungan dengan Kekambuhan Penyakit Asma Bronkial pada Penderita Asma Bronkial di Desa Kuok di Wilayah Kerja UPT BLUD Puskesmas Kecamatan Kuok Tahun 2021. *Sehat: Jurnal Kesehatan Terpadu*, 1(2), 28–42. (2022). <https://doi.org/10.31004/s-jkt.v1i2.9074>
48. Usman, I., Chundrayetti, E., & Khairisyaf, O. Faktor Risiko dan Faktor Pencetus yang Mempengaruhi Kejadian Asma pada Anak di RSUP Dr. M. Djamil Padang. *Jurnal Kesehatan Andalas*, 4(2). (2015). <https://doi.org/10.25077/jka.v4i2.260>
49. Runtuwene, I. K., Wahani, A. M., & Pateda, V. Prevalensi dan faktor-faktor risiko yang menyebabkan asma pada anak di RSU GMIM Bethesda Tomohon periode Agustus 2011 – Juli 2016. *E-Clinic*, 4(2). (2016). <https://doi.org/10.35790/ecl.v4i2.14453>
50. Kim JL, Henneberger PK, Lohman S, et al. *Impact of occupational exposures on exacerbation of asthma: a population-based asthma cohort study. BMC Pulm Med.* (2016). doi:10.1186/s12890-016-0306-1
51. Sit G, Varraso R, Fezeu LK, et al. *Occupational Exposures to Irritants and Sensitizers, Asthma and Asthma Control in the Nutrinet-Santé Cohort. J Allergy Clin Immunol Pract.* (2022). doi:10.1016/j.jaip.2022.08.047
52. Nakamura T. *The roles of lipid mediators in type I hypersensitivity. J Pharmacol Sci.* (2021). doi:10.1016/j.jphs.2021.06.001
53. Abu Khweek A, Kim E, Joldrichsen MR, Amer AO and Boyaka PN. *Insights Into Mucosal Innate Immune Responses in House Dust Mite-Mediated Allergic Asthma. Front. Immunol.* 11:534501. (2020).doi: 10.3389/fimmu.2020.534501
54. Esther SM., Kezia J. Gambaran Prevalensi Tungau Debu Rumah (Penyebab Alergi dan Asma) di Kelurahan Tanjung Duren Utara Jakarta Barat. *Jurnal Kedokteran Meditek.* (2019).
55. Park D, Kwak DW, Kim JH. *Leukotriene B4 receptors contribute to house dust*

- mite-induced eosinophilic airway inflammation via TH2 cytokine production. *BMB Rep.* (2021). doi:10.5483/BMBRep.2021.54.3.247
56. Meeske AJ, Rodrigues CD, Brady J, Lim HC, Bernhardt TG, Rudner DZ. *High-Throughput Genetic Screens Identify a Large and Diverse Collection of New Sporulation Genes in Bacillus subtilis.* *PLoS Biol.* (2016). doi:10.1371/journal.pbio.1002341
 57. Osborne NJ, Alcock I, Wheeler BW, et al. *Pollen exposure and hospitalization due to asthma exacerbations: daily time series in a European city.* *Int J Biometeorol.* (2017). doi:10.1007/s00484-017-1369-2
 58. Kitinoja MA, Hugg TT, Siddika N. *Short-term exposure to pollen and the risk of allergic and asthmatic manifestations: a systematic review and meta-analysis* *BMJ Open.* (2020). doi: 10.1136/bmjopen-2019-029069
 59. Maciag MC, Phipatanakul W. *Update on indoor allergens and their impact on pediatric asthma.* *Ann Allergy Asthma Immunol.* (2022). doi:10.1016/j.anai.2022.02.009
 60. Ji X, Yao Y, Zheng P and Hao C. *The relationship of domestic pet ownership with the risk of childhood asthma: A systematic review and meta-analysis.* *Front. Pediatr.* 10:953330. (2022). doi: 10.3389/fped.2022.953330
 61. McHugh ML. *The chi-square test of independence.* *Biochem Med (Zagreb).* (2013). doi:10.11613/bm.2013.018
 62. Belachew EA, Netere AK, Sendekie AK. *Adherence to Inhaled Corticosteroid Therapy and Its Clinical Impact on Asthma Control in Adults Living with Asthma in Northwestern Ethiopian Hospitals.* *Patient Prefer Adherence.* (2022). doi:10.2147/PPA.S365222
 63. Pinnock H. *Supported self-management for asthma.* *Breathe (Sheff).* (2015). doi:10.1183/20734735.015614
 64. Shreffler J, Huecker MR. *Type I and Type II Errors and Statistical Power.* In: *StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing;* (2026)
 65. Mardiani, Dahrizal. *Faktor Pencetus Kekambuhan Asma Pada Anak Usia Sekolah Di RSUD Dr. M. Yunus Bengkulu.* *Jurnal Penelitian Terapan Kesehatan.* (2021). ISSN:2356-1394.
 66. Silvah, Syarmila, Parti. *Faktor Dominan Pencetus Serangan Asma Pada Pasien Asma Di RSUD I Lagaligo Wotu.* *Jurnal Ilmu Kebidanan dan Kesehatan (Journal of Midwifery Science and Health).* (2023). doi:10.52299/jks.v14i1.144
 67. Embuai S. *Hubungan Riwayat Genetik, Asap Rokok, Keberadaan Debu Dan Stres Dengan Kejadian Asma Bronkial.* *Moluccas Health Journal.* (2020). <https://doi.org/10.54639/mhj.v2i1.419>
 68. Hough KP, Curtiss ML, Blain TJ, et al. *Airway Remodeling in Asthma.* *Front Med (Lausanne).* (2020). doi:10.3389/fmed.2020.00191
 69. Fehrenbach, H., Wagner, C. & Wegmann, M. *Airway remodeling in asthma: what really matters.* *Cell Tissue Res* 367, 551–569 (2017). <https://doi.org/10.1007/s00441-016-2566-8>
 70. Alan James, *Airway Remodeling in Asthma: is it Fixed or Variable?*, *American Journal of Respiratory and Critical Care Medicine.* (2017). <https://doi.org/10.1164/rccm.201611-2285ED>
 71. León B and Ballesteros-Tato A. *Modulating Th2 Cell Immunity for the Treatment*

- of Asthma. *Front. Immunol.* 12:637948. (2021). doi: 10.3389/fimmu.2021.637948
- 72.Akdis, C.A., Akdis, M. *Mechanisms of allergen-specific immunotherapy and immune tolerance to allergens. World Allergy Organ J* 8, 1–12 (2015). <https://doi.org/10.1186/s40413-015-0063-2>
- 73.Passalacqua, G., Rogkakou, A., Mincarini, M. et al. *Allergen immunotherapy in asthma; what is new?. asthma res and pract* 1, 6 (2015). <https://doi.org/10.1186/s40733-015-0006-2>
- 74.Levin M. *Persistence and evolution of allergen-specific IgE repertoires during subcutaneous specific immunotherapy. Journal of Allergy and Clinical Immunology.* (2015). doi:10.1016/j.jaci.2015.09.027

