

DAFTAR PUSTAKA

- AASP, B.M. *et al.* (2025) "Validity and Reliability of the Indonesian Version of Adult ADHD Self-Report Scale (ASRS-v1.1 ID)," *Authorea* [Preprint]. Available at: <https://doi.org/10.22541/au.175041555.51345850/v1>.
- Abdelnour, E., Jansen, M.O. and Gold, J.A. (2022) "ADHD Diagnostic Trends: Increased Recognition or Overdiagnosis?," *Missouri Medicine*, 119(5), pp. 467–473.
- Akhouri, S. and House, S.A. (2023) "Allergic Rhinitis," *StatPearls [Internet]*. StatPearls Publishing. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK538186/> (Accessed: May 1, 2025).
- Alatawi, Z. (2025) "Unmasking the Hidden Struggle Behind the White Coat: Screening Adult ADHD Symptoms Among Medical Students at the University of Tabuk, Saudi Arabia (2025)," *Healthcare*, 13(13), p. 1528. Available at: <https://doi.org/10.3390/healthcare13131528>.
- Allen, J.E. and Maizels, R.M. (2011) "Diversity and dialogue in immunity to helminths," *Nature Reviews. Immunology*, 11(6), pp. 375–388. Available at: <https://doi.org/10.1038/nri2992>.
- Almalki, Z.A. *et al.* (2023) "The Prevalence and Impact of Allergic Rhinitis on Academic Performance and Quality of Life Among Medical Students in Saudi Arabia," *Cureus*, 15(7), p. e42342. Available at: <https://doi.org/10.7759/cureus.42342>.
- Alsowaidi, S. *et al.* (2010) "Allergic rhinitis: prevalence and possible risk factors in a Gulf Arab population," *Allergy*, 65(2), pp. 208–212. Available at: <https://doi.org/10.1111/j.1398-9995.2009.02123.x>.
- Althwaiqeb, S.A., Fakoya, A.O. and Bordoni, B. (2025) "Histology, B-Cell Lymphocyte," *StatPearls*. Treasure Island (FL): StatPearls Publishing. Available at: <http://www.ncbi.nlm.nih.gov/books/NBK560905/> (Accessed: January 16, 2026).
- American Psychiatric Association (ed.) (1998) *Diagnostic and statistical manual of mental disorders: DSM-IV ; includes ICD-9-CM codes effective 1. Oct. 96*. 4. ed., 7. print. Washington, DC.
- American Psychiatric Association (ed.) (2013) *Desk reference to the diagnostic criteria from DSM-5*. Washington, DC: American Psychiatric Publishing.
- An, S.-Y. *et al.* (2015) "Analysis of various risk factors predisposing subjects to allergic rhinitis," *Asian Pacific Journal of Allergy and Immunology*, 33(2), pp. 143–151. Available at: <https://doi.org/10.12932/AP0554.33.2.2015>.
- Annesi-Maesano, I. *et al.* (2002) "The score for allergic rhinitis (SFAR): a simple and valid assessment method in population studies," *Allergy*, 57(2), pp. 107–114. Available at: <https://doi.org/10.1034/j.1398-9995.2002.1o3170.x>.
- Antara, N.L.K.D.D.L., Purnomo, K.I. and Giri, M.K.W. (2025) "Hubungan antara Stres Akademik dengan Resiliensi Mahasiswa S1 di Indonesia : Tinjauan Literatur,"

- Jurnal Kesehatan Tambusai*, 6(4), pp. 16390–16396. Available at: <https://doi.org/10.31004/jkt.v6i4.53348>.
- Arain, M. *et al.* (2013) “Maturation of the adolescent brain,” *Neuropsychiatric Disease and Treatment*, 9, pp. 449–461. Available at: <https://doi.org/10.2147/NDT.S39776>.
- Arnsten, A.F.T. *et al.* (2015) “The effects of stress exposure on prefrontal cortex: Translating basic research into successful treatments for post-traumatic stress disorder,” *Neurobiology of Stress*, 1, pp. 89–99. Available at: <https://doi.org/10.1016/j.ynstr.2014.10.002>.
- Asarnow, R.F. *et al.* (2021) “Association of Attention-Deficit/Hyperactivity Disorder Diagnoses With Pediatric Traumatic Brain Injury: A Meta-analysis,” *JAMA Pediatrics*, 175(10), pp. 1009–1016. Available at: <https://doi.org/10.1001/jamapediatrics.2021.2033>.
- Asriati, A. *et al.* (2026) “Potensi Paparan Media Sosial pada Gejala Hiperaktivitas Remaja di Kota Jayapura,” *MAHESA : Malahayati Health Student Journal*, 6(5), pp. 89–99. Available at: <https://doi.org/10.33024/mahesa.v6i5.22236>.
- Ayano, G., Tsegay, L., *et al.* (2023) “Prevalence of attention deficit hyperactivity disorder in adults: Umbrella review of evidence generated across the globe,” *Psychiatry Research*, 328, p. 115449. Available at: <https://doi.org/10.1016/j.psychres.2023.115449>.
- Ayano, G., Demelash, S., *et al.* (2023) “The global prevalence of attention deficit hyperactivity disorder in children and adolescents: An umbrella review of meta-analyses,” *Journal of Affective Disorders*, 339, pp. 860–866. Available at: <https://doi.org/10.1016/j.jad.2023.07.071>.
- Barkley, R.A. (2011) *Barkley Adult ADHD Rating Scale-IV (BAARS-IV)*. New York, NY, US: The Guilford Press (Barkley Adult ADHD Rating Scale-IV (BAARS-IV)), pp. x, 150.
- Barkley, R.A. (2015) *Attention-Deficit Hyperactivity Disorder A Handbook for Diagnosis and Treatment Fourth Edition*. fourth. New York: THE GUILFORD PRESS.
- Beauchaine, T.P., Ben-David, I. and Bos, M. (2020) “ADHD, financial distress, and suicide in adulthood: A population study,” *Science Advances*, 6(40), p. eaba1551. Available at: <https://doi.org/10.1126/sciadv.aba1551>.
- Bhattarai, P. *et al.* (2016) “IL4/STAT6 Signaling Activates Neural Stem Cell Proliferation and Neurogenesis upon Amyloid- β 42 Aggregation in Adult Zebrafish Brain,” *Cell Reports*, 17(4), pp. 941–948. Available at: <https://doi.org/10.1016/j.celrep.2016.09.075>.
- Bogdańska-Chomczyk, E., Majewski, M.K. and Kozłowska, A. (2025) “ADHD in Adulthood: Clinical Presentation, Comorbidities, and Treatment Perspectives,” *International Journal of Molecular Sciences*, 26(22). Available at: <https://doi.org/10.3390/ijms262211020>.
- Boonnag, C. *et al.* (2020) “Prevalence of ADHD symptoms and their correlations with mental health-related variables among medical student.” In Review. Available at: <https://doi.org/10.21203/rs.2.22394/v1>.

- Borgert, M. *et al.* (2024) "Prenatal maternal PTSD as a risk factor for offspring ADHD: A register-based Swedish cohort study of 553 766 children and their mothers," *European Psychiatry*, 67(1), p. e22. Available at: <https://doi.org/10.1192/j.eurpsy.2024.21>.
- Boueri, M. *et al.* (2024) "Maternal Obesity and ADHD: An Original Review of Evidence and Potential Mechanisms: Maternal Obesity and ADHD," *The Journal of Pediatric Academy*, 5(1), pp. 26–33. Available at: <https://doi.org/10.4274/jpea.2023.256>.
- Bousquet, J. *et al.* (2008) "Allergic Rhinitis and its Impact on Asthma (ARIA) 2008," *Allergy*, 63(s86), pp. 8–160. Available at: <https://doi.org/10.1111/j.1398-9995.2007.01620.x>.
- Bousquet, J. *et al.* (2020) "Allergic rhinitis," *Nature Reviews Disease Primers*, 6(1), p. 95. Available at: <https://doi.org/10.1038/s41572-020-00227-0>.
- Bridley, A. and Daffin Jr., L.W. (2018) *Fundamentals of Psychological Disorders*. 3rd ed. Washington State University (3.501).
- Brikell, I. *et al.* (2018) "Familial liability to Epilepsy and ADHD: A Nationwide Cohort Study," *Biological psychiatry*, 83(2), pp. 173–180. Available at: <https://doi.org/10.1016/j.biopsych.2017.08.006>.
- Brown, K.A., Samuel, S. and Patel, D.R. (2018) "Pharmacologic management of attention deficit hyperactivity disorder in children and adolescents: a review for practitioners," *Translational Pediatrics*, 7(1), pp. 36–47. Available at: <https://doi.org/10.21037/tp.2017.08.02>.
- Brożek, J.L. *et al.* (2017) "Allergic Rhinitis and its Impact on Asthma (ARIA) guidelines—2016 revision," *Journal of Allergy and Clinical Immunology*, 140(4), pp. 950–958. Available at: <https://doi.org/10.1016/j.jaci.2017.03.050>.
- Buske-Kirschbaum, A. *et al.* (2013) "Psychoendocrine and psychoneuroimmunological mechanisms in the comorbidity of atopic eczema and attention deficit/hyperactivity disorder," *Psychoneuroendocrinology*, 38(1), pp. 12–23. Available at: <https://doi.org/10.1016/j.psyneuen.2012.09.017>.
- Canadian ADHD Resource Alliance (2020) *Canadian ADHD Practice Guidelines*. 4.1. Toronto: Canadian ADHD Resource Alliance.
- Cecil, C.A.M. and Nigg, J.T. (2022) "Epigenetics and ADHD: Reflections on Current Knowledge, Research Priorities and Translational Potential," *Molecular Diagnosis & Therapy*, 26(6), pp. 581–606. Available at: <https://doi.org/10.1007/s40291-022-00609-y>.
- Charisti, dr. P. (2016) *Hubungan Jenis dan Severitas Penyakit Alergi dengan Risiko Gangguan Psikososial dan Perilaku pada Anak*. Universitas Airlangga.
- Chauhan, R.S., Rajesh, S.K. and Chauhan, S. (2022) "Prevalence Of Allergic Rhinitis and Its Perceived Effect on Academic Activity Among College Students – A Cross-Sectional Study," *National Journal of Community Medicine*, 13(4), pp. 219–223. Available at: <https://doi.org/10.55489/njcm.13420226>.
- Chen, K. *et al.* (2019a) "Risk factors analysis of attention deficit/hyperactivity disorder and allergic rhinitis in children: a cross-sectional study," *Italian Journal of Pediatrics*, 45(1), p. 99. Available at: <https://doi.org/10.1186/s13052-019-0703-1>.

- Chen, K. *et al.* (2019b) "Risk factors analysis of attention deficit/hyperactivity disorder and allergic rhinitis in children: a cross-sectional study," *Italian Journal of Pediatrics*, 45, p. 99. Available at: <https://doi.org/10.1186/s13052-019-0703-1>.
- Chen, M.-H. *et al.* (2013) "Comorbidity of Allergic and Autoimmune Diseases Among Patients With ADHD: A Nationwide Population-Based Study," *Journal of Attention Disorders*, 21(3), pp. 219–227. Available at: <https://doi.org/10.1177/1087054712474686>.
- Chen, R. *et al.* (2024) "Risk factors of allergic rhinitis and its prevention strategies," *Frontiers in Allergy*, 5, p. 1509552. Available at: <https://doi.org/10.3389/falgy.2024.1509552>.
- Chen, W. *et al.* (2008) "DSM-IV combined type ADHD shows familial association with sibling trait scores: a sampling strategy for QTL linkage," *American Journal of Medical Genetics. Part B, Neuropsychiatric Genetics: The Official Publication of the International Society of Psychiatric Genetics*, 147B(8), pp. 1450–1460. Available at: <https://doi.org/10.1002/ajmg.b.30672>.
- Chieffo, D.P.R. *et al.* (2023) "Brain Tumor at Diagnosis: From Cognition and Behavior to Quality of Life," *Diagnostics*, 13(3), p. 541. Available at: <https://doi.org/10.3390/diagnostics13030541>.
- Chiu, C.-Y. *et al.* (2020) "Early-onset eczema is associated with increased milk sensitization and risk of rhinitis and asthma in early childhood," *Journal of Microbiology, Immunology, and Infection = Wei Mian Yu Gan Ran Za Zhi*, 53(6), pp. 1008–1013. Available at: <https://doi.org/10.1016/j.jmii.2019.04.007>.
- Chua, R.X.Y. *et al.* (2021) "Understanding the Link Between Allergy and Neurodevelopmental Disorders: A Current Review of Factors and Mechanisms," *Frontiers in Neurology*, 11, p. 603571. Available at: <https://doi.org/10.3389/fneur.2020.603571>.
- Cooper, P. (2016) "Parasitic infections and allergies," *International Journal of Infectious Diseases*, 45, p. 41. Available at: <https://doi.org/10.1016/j.ijid.2016.02.132>.
- Cortese, S. *et al.* (2012) "Toward systems neuroscience of ADHD: a meta-analysis of 55 fMRI studies," *The American Journal of Psychiatry*, 169(10), pp. 1038–1055. Available at: <https://doi.org/10.1176/appi.ajp.2012.11101521>.
- Cortese, S. *et al.* (2018) "Comparative efficacy and tolerability of medications for attention-deficit hyperactivity disorder in children, adolescents, and adults: a systematic review and network meta-analysis," *The Lancet Psychiatry*, 5(9), pp. 727–738. Available at: [https://doi.org/10.1016/S2215-0366\(18\)30269-4](https://doi.org/10.1016/S2215-0366(18)30269-4).
- Curatolo, P., D'Agati, E. and Moavero, R. (2010) "The neurobiological basis of ADHD," *Italian Journal of Pediatrics*, 36, p. 79. Available at: <https://doi.org/10.1186/1824-7288-36-79>.
- Daley-Yates, P.T. *et al.* (2021) "Intranasal Corticosteroids: Topical Potency, Systemic Activity and Therapeutic Index," *Journal of Asthma and Allergy*, 14, pp. 1093–1104. Available at: <https://doi.org/10.2147/JAA.S321332>.

- De Rossi, P. *et al.* (2023) “Age-related clinical characteristics of children and adolescents with ADHD,” *Frontiers in Psychiatry*, 14, p. 1069934. Available at: <https://doi.org/10.3389/fpsyt.2023.1069934>.
- Demontis, D. *et al.* (2023) “Genome-wide analyses of ADHD identify 27 risk loci, refine the genetic architecture and implicate several cognitive domains,” *Nature Genetics*, 55(2), pp. 198–208. Available at: <https://doi.org/10.1038/s41588-022-01285-8>.
- Departemen Kesehatan RI (1993) *Pedoman Penggolongan dan Diagnosis Gangguan Jiwa di Indonesia III (PPDGJ III)*. III. Jakarta: Departemen Kesehatan RI.
- Di Salvo, G. *et al.* (2024) “Assessing suicidality in adult ADHD patients: prevalence and related factors,” *Annals of General Psychiatry*, 23(1), p. 42. Available at: <https://doi.org/10.1186/s12991-024-00528-8>.
- Diamond, A. (2013) “Executive Functions,” *Annual review of psychology*, 64, pp. 135–168. Available at: <https://doi.org/10.1146/annurev-psych-113011-143750>.
- Donzelli, G. *et al.* (2019) “The Association between Lead and Attention-Deficit/Hyperactivity Disorder: A Systematic Review,” *International Journal of Environmental Research and Public Health*, 16(3), p. 382. Available at: <https://doi.org/10.3390/ijerph16030382>.
- Du, J. *et al.* (2025) “Exploring the complex relationship between attention deficit hyperactivity disorder and the immune system: A bidirectional Mendelian randomization analysis,” *Journal of Affective Disorders*, 369, pp. 854–860. Available at: <https://doi.org/10.1016/j.jad.2024.10.050>.
- Dunn, G.A., Nigg, J.T. and Sullivan, E.L. (2019) “Neuroinflammation as a Risk Factor for Attention Deficit Hyperactivity Disorder,” *Pharmacology, biochemistry, and behavior*, 182, pp. 22–34. Available at: <https://doi.org/10.1016/j.pbb.2019.05.005>.
- Dykewicz, M.S. *et al.* (2020) “Rhinitis 2020: A practice parameter update,” *Journal of Allergy and Clinical Immunology*, 146(4), pp. 721–767. Available at: <https://doi.org/10.1016/j.jaci.2020.07.007>.
- El Hennawi, D.E.D.M., Ahmed, M.R. and Farid, A.M. (2016) “Psychological stress and its relationship with persistent allergic rhinitis,” *European archives of oto-rhino-laryngology: official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS): affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery*, 273(4), pp. 899–904. Available at: <https://doi.org/10.1007/s00405-015-3641-6>.
- El-ekiaby, R. *et al.* (2026) “Prevalence of allergic rhinitis and its impact on academic performance and quality of life among medical students in the Delta region: a cross-sectional study,” *The Egyptian Journal of Otolaryngology*, 42(1), p. 135. Available at: <https://doi.org/10.1186/s43163-026-01125-0>.
- El-Farargy, S.H. *et al.* (2026) “Prevalence of ADHD and Its Associated Factors among University Students in Egypt: A Nationwide Cross-Sectional Study.” In Review. Available at: <https://doi.org/10.21203/rs.3.rs-8509734/v1>.
- Ewijk, H. van *et al.* (2012) “Diffusion tensor imaging in attention deficit/hyperactivity disorder: A systematic review and meta-analysis,” *Neuroscience & Biobehavioral*

- Reviews*, 36(4), pp. 1093–1106. Available at: <https://doi.org/10.1016/j.neubiorev.2012.01.003>.
- Faheem, M. *et al.* (2022) “Gender-based differences in prevalence and effects of ADHD in adults: A systematic review,” *Asian Journal of Psychiatry*, 75, p. 103205. Available at: <https://doi.org/10.1016/j.ajp.2022.103205>.
- Fanet, H. *et al.* (2021) “Tetrahydrobiopterin (BH4) Pathway: From Metabolism to Neuropsychiatry,” *Current Neuropharmacology*, 19(5), pp. 591–609. Available at: <https://doi.org/10.2174/1570159X18666200729103529>.
- Faraone, S.V. *et al.* (2015) “Attention-deficit/hyperactivity disorder,” *Nature Reviews Disease Primers*, 1(1), p. 15020. Available at: <https://doi.org/10.1038/nrdp.2015.20>.
- Faraone, S.V. and Larsson, H. (2019) “Genetics of attention deficit hyperactivity disorder,” *Molecular Psychiatry*, 24(4), pp. 562–575. Available at: <https://doi.org/10.1038/s41380-018-0070-0>.
- Farone, S.V. (2017) “PATHOPHYSIOLOGY OF ATTENTION DEFICIT/HYPERACTIVITY DISORDER.”
- Farzam, K., Sabir, S. and O’Rourke, M.C. (2025) “Antihistamines,” *StatPearls*. Treasure Island (FL): StatPearls Publishing. Available at: <http://www.ncbi.nlm.nih.gov/books/NBK538188/> (Accessed: January 7, 2026).
- Fava, G.A. *et al.* (2024) “Clinical Interviewing: An Essential but Neglected Method of Medicine,” *Psychotherapy and Psychosomatics*, 93(2), pp. 94–99. Available at: <https://doi.org/10.1159/000536490>.
- Felger, J.C. and Miller, A.H. (2012) “Cytokine Effects on the Basal Ganglia and Dopamine Function: the Subcortical Source of Inflammatory Malaise,” *Frontiers in neuroendocrinology*, 33(3), pp. 315–327. Available at: <https://doi.org/10.1016/j.yfrne.2012.09.003>.
- Feola, B. *et al.* (2020) “Prefrontal cortical thickness mediates the association between cortisol reactivity and executive function in childhood,” *Neuropsychologia*, 148, p. 107636. Available at: <https://doi.org/10.1016/j.neuropsychologia.2020.107636>.
- Francés, L. *et al.* (2023) “Prevalence, comorbidities, and profiles of neurodevelopmental disorders according to the DSM-5-TR in children aged 6 years old in a European region,” *Frontiers in Psychiatry*, 14. Available at: <https://doi.org/10.3389/fpsy.2023.1260747>.
- Froehlich, T.E. *et al.* (2011) “Update on Environmental Risk Factors for Attention-Deficit/Hyperactivity Disorder,” *Current Psychiatry Reports*, 13(5), pp. 333–344. Available at: <https://doi.org/10.1007/s11920-011-0221-3>.
- Galli, S.J., Tsai, M. and Piliponsky, A.M. (2008) “The development of allergic inflammation,” *Nature*, 454(7203), pp. 445–454. Available at: <https://doi.org/10.1038/nature07204>.
- Garbo, G., Tessema, B. and Brown, S.M. (2013) “Complementary and Integrative Treatments: Allergy,” *Otolaryngologic Clinics of North America*, 46(3), pp. 295–307. Available at: <https://doi.org/10.1016/j.otc.2012.12.005>.

- Ge, W. *et al.* (2024) "Prevalence and trends of autism spectrum disorder and other developmental disabilities among children and adolescents in the United States from 2019 to 2021," *Frontiers in Psychiatry*, 15, p. 1471969. Available at: <https://doi.org/10.3389/fpsy.2024.1471969>.
- Gibb, R. (2020) "Brain Development," in F.C. Worrell (ed.) *Oxford Research Encyclopedia of Psychology*. Oxford University Press, p. 0. Available at: <https://doi.org/10.1093/acrefore/9780190236557.013.785>.
- Gilbert, M. *et al.* (2025) "Gender and Age Differences in ADHD Symptoms and Co-occurring Depression and Anxiety Symptoms Among Children and Adolescents in the BELLA Study," *Child Psychiatry & Human Development*, 56(4), pp. 1162–1172. Available at: <https://doi.org/10.1007/s10578-023-01622-w>.
- Ginsberg, Y. *et al.* (2014) "Underdiagnosis of Attention-Deficit/Hyperactivity Disorder in Adult Patients: A Review of the Literature," *The Primary Care Companion for CNS Disorders*, 16(3), p. PCC.13r01600. Available at: <https://doi.org/10.4088/PCC.13r01600>.
- Gnanavel, S. *et al.* (2019) "Attention deficit hyperactivity disorder and comorbidity: A review of literature," *World Journal of Clinical Cases*, 7(17), pp. 2420–2426. Available at: <https://doi.org/10.12998/wjcc.v7.i17.2420>.
- Goenka, S. and Kaplan, M.H. (2011) "Transcriptional regulation by STAT6," *Immunologic research*, 50(1), pp. 87–96. Available at: <https://doi.org/10.1007/s12026-011-8205-2>.
- Golm, D. *et al.* (2021) "The impact of childhood deprivation on adult neuropsychological functioning is associated with ADHD symptom persistence," *Psychological Medicine*, 51(15), pp. 2675–2684. Available at: <https://doi.org/10.1017/S0033291720001294>.
- Goodlad, J.K., Marcus, D.K. and Fulton, J.J. (2013) "Lead and Attention-Deficit/Hyperactivity Disorder (ADHD) symptoms: A meta-analysis," *Clinical Psychology Review*, 33(3), pp. 417–425. Available at: <https://doi.org/10.1016/j.cpr.2013.01.009>.
- Green, A.L. and Rabiner, D.L. (2012) "What Do We Really Know about ADHD in College Students?," *Neurotherapeutics*, 9(3), pp. 559–568. Available at: <https://doi.org/10.1007/s13311-012-0127-8>.
- Grimm, O., Kranz, T.M. and Reif, A. (2020) "Genetics of ADHD: What Should the Clinician Know?," *Current Psychiatry Reports*, 22(4), p. 18. Available at: <https://doi.org/10.1007/s11920-020-1141-x>.
- Halmøy, A. *et al.* (2012) "Pre- and perinatal risk factors in adults with attention-deficit/hyperactivity disorder," *Biological Psychiatry*, 71(5), pp. 474–481. Available at: <https://doi.org/10.1016/j.biopsych.2011.11.013>.
- Hamilton, J.P. (2011) "Epigenetics: Principles and Practice," *Digestive Diseases (Basel, Switzerland)*, 29(2), pp. 130–135. Available at: <https://doi.org/10.1159/000323874>.
- Haroon, E. *et al.* (2016) "Conceptual convergence: increased inflammation is associated with increased basal ganglia glutamate in patients with major depression,"

- Molecular Psychiatry*, 21(10), pp. 1351–1357. Available at: <https://doi.org/10.1038/mp.2015.206>.
- Harrison, A.G., Nay, S. and Armstrong, I.T. (2019) “Diagnostic Accuracy of the Conners’ Adult ADHD Rating Scale in a Postsecondary Population,” *Journal of Attention Disorders*, 23(14), pp. 1829–1837. Available at: <https://doi.org/10.1177/1087054715625299>.
- He, B. *et al.* (2025) “Association between maternal smoking during pregnancy and attention-deficit/hyperactivity disorder (ADHD) in children aged 4–15 years: A secondary data analysis from the NHANES dataset,” *Tobacco Induced Diseases*, 23(August), pp. 1–9. Available at: <https://doi.org/10.18332/tid/207094>.
- Hemamy, M. *et al.* (2020) “Effect of Vitamin D and Magnesium Supplementation on Behavior Problems in Children with Attention-Deficit Hyperactivity Disorder,” *International Journal of Preventive Medicine*, 11(1). Available at: https://doi.org/10.4103/ijpvm.IJPVM_546_17.
- Herhaus, B. *et al.* (2024) “Dynamic interplay of cortisol and BDNF in males under acute and chronic psychosocial stress – A randomized controlled study,” *Psychoneuroendocrinology*, 170, p. 107192. Available at: <https://doi.org/10.1016/j.psyneuen.2024.107192>.
- Hernandez-Ruiz, V. *et al.* (2022) “Infectious diseases and cognition: do we have to worry?,” *Neurological Sciences*, 43(11), pp. 6215–6224. Available at: <https://doi.org/10.1007/s10072-022-06280-9>.
- Hoogman, M. *et al.* (2019) “Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples,” *American Journal of Psychiatry*, 176(7), pp. 531–542. Available at: <https://doi.org/10.1176/appi.ajp.2019.18091033>.
- Huszthy, P.C. *et al.* (2019) “B cell receptor ligation induces display of V-region peptides on MHC class II molecules to T cells,” *Proceedings of the National Academy of Sciences*, 116(51), pp. 25850–25859. Available at: <https://doi.org/10.1073/pnas.1902836116>.
- Hwang, J.W. *et al.* (2025) “Endocrine-disrupting chemicals and clinical outcomes in children with attention-deficit/hyperactivity disorder undergoing methylphenidate treatment: A 12-month follow-up study,” *Environmental Technology & Innovation*, 38, p. 104111. Available at: <https://doi.org/10.1016/j.eti.2025.104111>.
- Indriyani, S. *et al.* (2016) “Prevalensi dan Faktor-Faktor Risiko Gangguan Pemusatan Perhatian Anak dan Hiperaktivitas di Klinik Tumbuh Kembang RSUP Sanglah Denpasar,” *Sari Pediatri*, 9(5), p. 335. Available at: <https://doi.org/10.14238/sp9.5.2008.335-41>.
- Isaac, V., Lopez, V. and Escobar, M.J. (2024) “Arousal dysregulation and executive dysfunction in attention deficit hyperactivity disorder (ADHD),” *Frontiers in Psychiatry*, 14, p. 1336040. Available at: <https://doi.org/10.3389/fpsy.2023.1336040>.

- Jatoi, S. *et al.* (2020) “Low Vitamin B12 Levels: An Underestimated Cause Of Minimal Cognitive Impairment And Dementia,” *Cureus*, 12(2), p. e6976. Available at: <https://doi.org/10.7759/cureus.6976>.
- Jenabi, E. *et al.* (2023) “Neonatal risk factors associated with attention-deficit/hyperactivity disorder: an umbrella review,” *Clinical and Experimental Pediatrics*, 66(10), pp. 441–446. Available at: <https://doi.org/10.3345/cep.2022.01396>.
- Justiz Vaillant, A.A. *et al.* (2025) “Atopy,” *StatPearls*. Treasure Island (FL): StatPearls Publishing. Available at: <http://www.ncbi.nlm.nih.gov/books/NBK542187/> (Accessed: December 26, 2025).
- Kakli, H.A. and Riley, T.D. (2016) “Allergic Rhinitis,” *Primary Care: Clinics in Office Practice*, 43(3), pp. 465–475. Available at: <https://doi.org/10.1016/j.pop.2016.04.009>.
- Kania, A. (2022) *AKURASI PENILAIAN SFAR (SCORE FOR ALLERGIC RHINITIS) TERHADAP PEMERIKSAAN SPT (SKIN PRICK TEST) INHALAN DALAM MENDIAGNOSIS RINITIS ALERGI DI POLI THT RSUP DR. WAHIDIN SUDIROHUSODO*. Universitas Hasanuddin.
- Kassaw, C. *et al.* (2026) “Prevalence and associated factors of ADHD symptoms among higher education students in Southern Ethiopia,” *Frontiers in Psychiatry*, 16. Available at: <https://doi.org/10.3389/fpsy.2025.1566847>.
- Katzman, M.A. *et al.* (2017) “Adult ADHD and comorbid disorders: clinical implications of a dimensional approach,” *BMC Psychiatry*, 17(1), p. 302. Available at: <https://doi.org/10.1186/s12888-017-1463-3>.
- Kavakci, O. *et al.* (2012) “Prevalence of attention-deficit/hyperactivity disorder and comorbid disorders among students of Cumhuriyet University,” *The European Journal of Psychiatry*, 26(2), pp. 107–117. Available at: <https://doi.org/10.4321/S0213-61632012000200004>.
- Kef, K. and Güven, S. (2020) “The Prevalence of Allergic Rhinitis and Associated Risk Factors Among University Students in Anatolia,” *Journal of Asthma and Allergy*, 13, pp. 589–597. Available at: <https://doi.org/10.2147/JAA.S279916>.
- Kessler, R.C., Adler, L.A., *et al.* (2005) “Patterns and Predictors of Attention-Deficit/Hyperactivity Disorder Persistence into Adulthood: Results from the National Comorbidity Survey Replication,” *Biological Psychiatry*, 57(11), pp. 1442–1451. Available at: <https://doi.org/10.1016/j.biopsych.2005.04.001>.
- Kessler, R.C., Adler, L., *et al.* (2005) “The World Health Organization adult ADHD self-report scale (ASRS): a short screening scale for use in the general population,” *Psychological Medicine*, 35(2), pp. 245–256. Available at: <https://doi.org/10.1017/S0033291704002892>.
- Kessler, R.C. *et al.* (2007) “Validity of the World Health Organization Adult ADHD Self-Report Scale (ASRS) Screener in a representative sample of health plan members,” *International Journal of Methods in Psychiatric Research*, 16(2), pp. 52–65. Available at: <https://doi.org/10.1002/mpr.208>.
- Kiwamoto, T. *et al.* (2014) “Mice deficient in the St3gal3 gene product α 2,3 sialyltransferase (ST3Gal-III) exhibit enhanced allergic eosinophilic airway

- inflammation,” *The Journal of allergy and clinical immunology*, 133(1), p. 10.1016/j.jaci.2013.05.018. Available at: <https://doi.org/10.1016/j.jaci.2013.05.018>.
- Kooij, J.J.S. *et al.* (2019) “Updated European Consensus Statement on diagnosis and treatment of adult ADHD,” *European Psychiatry*, 56, pp. 14–34. Available at: <https://doi.org/10.1016/j.eurpsy.2018.11.001>.
- Koss, K.J. and Gunnar, M.R. (2018) “Annual Research Review: Early adversity, the HPA axis, and child psychopathology,” *Journal of child psychology and psychiatry, and allied disciplines*, 59(4), pp. 327–346. Available at: <https://doi.org/10.1111/jcpp.12784>.
- Kusuma, H. *et al.* (2023) “RELATIONSHIP BETWEEN BIRTH WEIGHT AND THE RISK OF ATTENTION-DEFICIT HYPERACTIVITY DISORDER,” 63(01).
- Kwak, Y.-S., Jung, Y.-E. and Kim, M.-D. (2015) “Prevalence and correlates of attention-deficit hyperactivity disorder symptoms in Korean college students,” *Neuropsychiatric Disease and Treatment*, 11, pp. 797–802. Available at: <https://doi.org/10.2147/NDT.S80785>.
- Kwon, S.J., Kim, Y. and Kwak, Y. (2022) “Influence of smartphone addiction and poor sleep quality on attention-deficit hyperactivity disorder symptoms in university students: a cross-sectional study,” *Journal of American College Health*, 70(1), pp. 209–215. Available at: <https://doi.org/10.1080/07448481.2020.1740228>.
- Lange, K.W. (2020) “Micronutrients and Diets in the Treatment of Attention-Deficit/Hyperactivity Disorder: Chances and Pitfalls,” *Frontiers in Psychiatry*, 11, p. 102. Available at: <https://doi.org/10.3389/fpsy.2020.00102>.
- Lee, D.-H. *et al.* (2022) “Neuroinflammation in Post-Traumatic Stress Disorder,” *Biomedicines*, 10(5). Available at: <https://doi.org/10.3390/biomedicines10050953>.
- Lee, M.-R. *et al.* (2012) “The relationship between psychosocial stress and allergic disease among children and adolescents in Gwangyang Bay, Korea,” *Journal of Preventive Medicine and Public Health = Yebang Uihakhoe Chi*, 45(6), pp. 374–380. Available at: <https://doi.org/10.3961/jpmph.2012.45.6.374>.
- Leffa, D.T., Caye, A. and Rohde, L.A. (2022) “ADHD in Children and Adults: Diagnosis and Prognosis,” *Current Topics in Behavioral Neurosciences*. Cham: Springer International Publishing, pp. 1–18. Available at: https://doi.org/10.1007/7854_2022_329.
- Li, Q. *et al.* (2023) “Prevalence and trends of developmental disabilities among US children and adolescents aged 3 to 17 years, 2018–2021,” *Scientific Reports*, 13(1), p. 17254. Available at: <https://doi.org/10.1038/s41598-023-44472-1>.
- Liana, S.T., Astuti, K. and Budiyan, K. (2018) “Social Skills Training (SST) untuk Peningkatan Keterampilan Sosial Pada Orang dengan Schizophrenia,” *Jurnal Psikologi*, 14(1), pp. 1–6.
- Licari, A. *et al.* (2023) “Epidemiology of Allergic Rhinitis in Children: A Systematic Review and Meta-Analysis,” *The Journal of Allergy and Clinical Immunology: In Practice*, 11(8), pp. 2547–2556. Available at: <https://doi.org/10.1016/j.jaip.2023.05.016>.

- Lim, F.L. *et al.* (2015) "Asthma, Airway Symptoms and Rhinitis in Office Workers in Malaysia: Associations with House Dust Mite (HDM) Allergy, Cat Allergy and Levels of House Dust Mite Allergens in Office Dust," *PLOS ONE*, 10(4), p. e0124905. Available at: <https://doi.org/10.1371/journal.pone.0124905>.
- Lin, H.H., Morelli, N. and Micaldi, S.C. (2024) "Is it Worsening ADHD or Graves' Disease? A Case Report of Undiagnosed Graves' Disease in a Patient with ADHD," *Kansas Journal of Medicine*, 17(1), pp. 18–19. Available at: <https://doi.org/10.17161/kjm.vol17.21368>.
- Lin, N., Yang, R. and Gao, W. (2025) "Associations and Related Mechanisms of Attention-Deficit Hyperactivity Disorder and Allergic Rhinitis in Children," *Psychiatry and Clinical Psychopharmacology*, 35(1), pp. 69–80. Available at: <https://doi.org/10.5152/pcp.2025.24918>.
- Lin, Y.-T. *et al.* (2016) "Associations between allergic diseases and attention deficit hyperactivity/oppositional defiant disorders in children," *Pediatric Research*, 80(4), pp. 480–485. Available at: <https://doi.org/10.1038/pr.2016.111>.
- Lipińska, E. *et al.* (2021) "The role of factors associated with the course of pregnancy and childbirth in attention deficit hyperactivity disorder (ADHD)," *Psychiatria Polska*, 55(3), pp. 659–673. Available at: <https://doi.org/10.12740/PP/OnlineFirst/110686>.
- Listayani, M.N., Wijaya, I.M.K. and Agustini, N.N.M. (2025) "Probiotik sebagai Potensi Intervensi dalam Manajemen Tekanan Psikologis pada Usia Dewasa Muda : Kajian Literatur," *Jurnal Kesehatan Tambusai*, 6(4), pp. 17510–17521. Available at: <https://doi.org/10.31004/jkt.v6i4.51550>.
- Liva, G.A. *et al.* (2021) "Review of Rhinitis: Classification, Types, Pathophysiology," *Journal of Clinical Medicine*, 10(14). Available at: <https://doi.org/10.3390/jcm10143183>.
- López-Vicente, M. *et al.* (2019) "Prenatal Omega-6:Omega-3 Ratio and Attention Deficit and Hyperactivity Disorder Symptoms," *The Journal of Pediatrics*, 209, pp. 204–211.e4. Available at: <https://doi.org/10.1016/j.jpeds.2019.02.022>.
- Magnus, W., Anilkumar, A.C. and Shaban, K. (2025) "Attention Deficit Hyperactivity Disorder," *StatPearls*. Treasure Island (FL): StatPearls Publishing. Available at: <http://www.ncbi.nlm.nih.gov/books/NBK441838/> (Accessed: May 1, 2025).
- Martinez-Morga, M. *et al.* (2018) "[Neurobiological bases of autistic spectrum disorder and attention deficit hyperactivity disorder: neural differentiation and synaptogenesis]," *Revista De Neurologia*, 66(S01), pp. S97–S102.
- Mendonca, F. *et al.* (2021) "Mild Cognitive Impairment or Attention-Deficit/Hyperactivity Disorder in Older Adults? A Cross Sectional Study," *Frontiers in Psychiatry*, 12, p. 737357. Available at: <https://doi.org/10.3389/fpsy.2021.737357>.
- Menteri Kesehatan RI (2015) *Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.02.02/MENKES/73/2015 Tentang Pedoman Nasional Pelayanan Kedokteran Jiwa*, Jakarta.
- Miller, A.H. and Raison, C.L. (2016) "The role of inflammation in depression: from evolutionary imperative to modern treatment target," *Nature reviews. Immunology*, 16(1), pp. 22–34. Available at: <https://doi.org/10.1038/nri.2015.5>.

- Mohr-Jensen, C. *et al.* (2019) "Attention-Deficit/Hyperactivity Disorder in Childhood and Adolescence and the Risk of Crime in Young Adulthood in a Danish Nationwide Study," *Journal of the American Academy of Child & Adolescent Psychiatry*, 58(4), pp. 443–452. Available at: <https://doi.org/10.1016/j.jaac.2018.11.016>.
- Moore, S. *et al.* (2022) "The Association between ADHD and Environmental Chemicals—A Scoping Review," *International Journal of Environmental Research and Public Health*, 19(5), p. 2849. Available at: <https://doi.org/10.3390/ijerph19052849>.
- Mueller, A.K. *et al.* (2012) "Stigma in attention deficit hyperactivity disorder," *Attention Deficit and Hyperactivity Disorders*, 4(3), pp. 101–114. Available at: <https://doi.org/10.1007/s12402-012-0085-3>.
- Muharis, I.A., Yuliani, E.A. and Kadriyan, H. (2023) *PERBANDINGAN KUALITAS HIDUP DENGAN RINITIS ALERGI DAN BUKAN RINITIS ALERGI PADA MAHASISWA FAKULTAS KEDOKTERAN UNIVERSITAS MATARAM*. skripsi. Universitas Mataram. Available at: <https://eprints.unram.ac.id/43709/> (Accessed: July 10, 2026).
- Musullulu, H. (2025) "Evaluating attention deficit and hyperactivity disorder (ADHD): a review of current methods and issues," *Frontiers in Psychology*, 16. Available at: <https://doi.org/10.3389/fpsyg.2025.1466088>.
- Mygind, N., Laursen, L.C. and Dahl, M. (2000) "Systemic corticosteroid treatment for seasonal allergic rhinitis: a common but poorly documented therapy," *Allergy*, 55(1), pp. 11–15. Available at: <https://doi.org/10.1034/j.1398-9995.2000.00108.x>.
- Narad, M.E. *et al.* (2018) "Secondary Attention-Deficit/Hyperactivity Disorder in Children and Adolescents 5 to 10 Years After Traumatic Brain Injury," *JAMA Pediatrics*, 172(5), pp. 437–443. Available at: <https://doi.org/10.1001/jamapediatrics.2017.5746>.
- Narad, M.E. *et al.* (2020) "Impact of Secondary ADHD on Long-term Outcomes after Early Childhood Traumatic Brain Injury," *The Journal of head trauma rehabilitation*, 35(3), pp. E271–E279. Available at: <https://doi.org/10.1097/HTR.0000000000000550>.
- National Institute for Health and Care Excellence (2018) "Attention deficit hyperactivity disorder: diagnosis and management (NG87)," *NICE* [Preprint]. Available at: www.nice.org.uk/guidance/ng87 (Accessed: December 19, 2025).
- Nejati, V. and Ghayerin, E. (2024) "Abnormal Structure and Function of Parietal Lobe in Individuals With Attention Deficit Hyperactivity Disorder (ADHD): A Systematic Review Study," *Basic and Clinical Neuroscience*, 15(2), pp. 147–156. Available at: <https://doi.org/10.32598/bcn.2022.2843.1>.
- Nemet, S. *et al.* (2022) "Early childhood allergy linked with development of attention deficit hyperactivity disorder and autism spectrum disorder," *Pediatric Allergy and Immunology*, 33(6), p. 10.1111/pai.13819. Available at: <https://doi.org/10.1111/pai.13819>.
- Ngo, V. (2023) "ADHD in older adults: A closer look," *Current Psychiatry*, 22(9). Available at: <https://doi.org/10.12788/cp.0381>.

- Ni, M. *et al.* (2023) "Examining the relationship between birth weight and attention-deficit hyperactivity disorder diagnosis," *Frontiers in Psychiatry*, 14. Available at: <https://doi.org/10.3389/fpsy.2023.1074783>.
- Nigg, J.T. (2006) *What causes ADHD?: understanding what goes wrong and why*. New York: Guilford Press.
- Nimmo-Smith, V. *et al.* (2020) "Non-pharmacological interventions for adult ADHD: a systematic review," *Psychological Medicine*, 50(4), pp. 529–541. Available at: <https://doi.org/10.1017/S0033291720000069>.
- Nuhi, A. *et al.* (2024) "Allergic Rhinitis: Impact on Quality of Life," *Annals of Pulmonary & Respiratory Medicine*, 2(1). Available at: <https://www.remedypublications.com/annals-of-pulmonary-respiratory-medicine-abstract.php?aid=10136>.
- Núñez-Jaramillo, L., Herrera-Solís, A. and Herrera-Morales, W.V. (2021) "ADHD: Reviewing the Causes and Evaluating Solutions," *Journal of Personalized Medicine*, 11(3), p. 166. Available at: <https://doi.org/10.3390/jpm11030166>.
- Nur Husna, S.M. *et al.* (2022) "Allergic Rhinitis: A Clinical and Pathophysiological Overview," *Frontiers in Medicine*, 9, p. 874114. Available at: <https://doi.org/10.3389/fmed.2022.874114>.
- Öğütlü, H., Kaşak, M. and Tabur, S.T. (2022) "Mitochondrial Dysfunction in Attention Deficit Hyperactivity Disorder," *The Eurasian Journal of Medicine*, 54(Suppl 1), pp. S187–S195. Available at: <https://doi.org/10.5152/eurasianjmed.2022.22187>.
- P, S. and Vellapandian, C. (2024) "Hypothalamic-Pituitary-Adrenal (HPA) Axis: Unveiling the Potential Mechanisms Involved in Stress-Induced Alzheimer's Disease and Depression," *Cureus*, 16(8), p. e67595. Available at: <https://doi.org/10.7759/cureus.67595>.
- Pasaribu, P.S., Nurfariyah, E. and Handini, M. (2017) "Prevalensi dan Karakteristik Rinitis Alergi Anak 13-14 Tahun di Pontianak pada Maret 2016 Berdasarkan Kuesioner ISAAC dan ARIA-WHO 2008," 44(5).
- Pawankar, R. *et al.* (2013) *WAO White Book on Allergy: Update 2013*. United States of America: World Allergy Organization.
- Petersen, M.W. *et al.* (2021) "Assessment of functional somatic disorders in epidemiological research: Self-report questionnaires versus diagnostic interviews," *Journal of Psychosomatic Research*, 146, p. 110491. Available at: <https://doi.org/10.1016/j.jpsychores.2021.110491>.
- Pramitha, L.P.W., Tirtayani, L.A. and Putra, M. (2018) "Pengaruh Instruksi Eefektif Disertai Pemberian Token terhadap Perilaku Hiperaktif Anak," *Jurnal Pendidikan Anak Usia Dini Undiksha*, 6(1), pp. 43–53. Available at: <https://doi.org/10.23887/paud.v6i1.15081>.
- Pratidina, D.Y. *et al.* (2025) "Hubungan Antara Rhinitis Alergi Dengan Kualitas Hidup Mahasiswa Fakultas Kedokteran Universitas Negeri Gorontalo," *Medic Nutricia : Journal Ilmu Kesehatan*, 16(2), pp. 71–80.
- Pritesh, G., Rituja, K. and Mahima, G. (2018) "A study to calculate Prevalence of Adult Attention Deficit Disorder in medical & para-medical students of Central India and

- its association with various risk factors,” *Indian Journal of Mental Health(IJMH)*, 5(2), p. 204. Available at: <https://doi.org/10.30877/ijmh.5.2.2018.204-208>.
- Qu, X. *et al.* (2022) “Association between atopic diseases and neurodevelopmental disabilities in a longitudinal birth cohort,” *Autism Research*, 15(4), pp. 740–750. Available at: <https://doi.org/10.1002/aur.2680>.
- Rahmania, F.A. and Fadhila, D. (2026) “Adult ADHD: A Narrative Review of Symptoms, Assessment, and Intervention Strategies,” *Buletin Psikologi*, 34(1), p. 39—59. Available at: <https://doi.org/10.22146/buletinpsikologi.113602>.
- Rakchat, K., Eadcharoen, S. and Pentrakan, A. (2024) “Prevalence and associated factors of ADHD-like symptoms among pharmacy students at Prince of Songkla University, Thailand in 2024: a cross-sectional study,” *Ewha Medical Journal*, 47(4). Available at: <https://doi.org/10.12771/emj.2024.e70>.
- Ramadanie, F. *et al.* (2026) “HUBUNGAN FAKTOR CUACA DENGAN RHINITIS ALERGI PADA MAHASISWA FAKULTAS KEDOKTERAN UNIVERSITAS MALAHAYATI ANGKATAN 2022–2023,” *Jurnal Ilmu Kedokteran dan Kesehatan*, 13(5). Available at: <https://doi.org/https://doi.org/10.33024/jikk.v13i5.23079>.
- Rambu, T.A. and Tadjudin, N.S. (2025) “HUBUNGAN GANGGUAN PEMUSATAN PERHATIAN DAN HIPERAKTIVITAS DENGAN INDEKS PRESTASI MAHASISWA FAKULTAS KEDOKTERAN UNIVERSITAS TARUMANAGARA,” *Jurnal Kesehatan Tambusai*, 6(1), pp. 1567–1571. Available at: <https://doi.org/10.31004/jkt.v6i1.41321>.
- Regalla, M.A.R. *et al.* (2019) “Resilience levels among adolescents with ADHD using quantitative measures in a family-design study,” *Trends in Psychiatry and Psychotherapy*, 41(3), pp. 262–267. Available at: <https://doi.org/10.1590/2237-6089-2018-0068>.
- Reith, M.E.A. *et al.* (2022) “The dopamine transporter gene SLC6A3: multidisease risks,” *Molecular Psychiatry*, 27(2), pp. 1031–1046. Available at: <https://doi.org/10.1038/s41380-021-01341-5>.
- Rivas-Vazquez, R.A. *et al.* (2023) “Adult ADHD: Underdiagnosis of a Treatable Condition,” *Journal of Health Service Psychology*, 49(1), pp. 11–19. Available at: <https://doi.org/10.1007/s42843-023-00077-w>.
- Rotem, R.S. *et al.* (2021) “Maternal Thyroid Anomalies and Attention-Deficit Hyperactivity Disorder in Progeny,” *American Journal of Epidemiology*, 191(3), pp. 430–440. Available at: <https://doi.org/10.1093/aje/kwab272>.
- Rubia, K. (2018) “Cognitive Neuroscience of Attention Deficit Hyperactivity Disorder (ADHD) and Its Clinical Translation,” *Frontiers in Human Neuroscience*, 12. Available at: <https://doi.org/10.3389/fnhum.2018.00100>.
- Rubia, K., Alegría, A.A. and Brinson, H. (2014) “Brain abnormalities in attention-deficit hyperactivity disorder: a review,” *Revista de Neurología*. IMR Press, pp. 3–18. Available at: <https://doi.org/10.33588/rn.58S01.2013570>.
- Sabir, H. *et al.* (2024) “The prevalence of undiagnosed attention-deficit/hyperactivity disorder among undergraduate medical students: a survey from Pakistan,” *BMC*

- psychiatry*, 24(1), p. 845. Available at: <https://doi.org/10.1186/s12888-024-06182-4>.
- Sadeghi, H. *et al.* (2020) "Road Crashes in Adults with Attention Deficit Hyperactivity Disorder and Risky Driving Behavior," *Iranian Journal of Psychiatry*, 15(2), pp. 105–111.
- Sadek, J. (2023) "Attention Deficit Hyperactivity Disorder Misdiagnosis: Why Medical Evaluation Should Be a Part of ADHD Assessment," *Brain Sciences*, 13(11), p. 1522. Available at: <https://doi.org/10.3390/brainsci13111522>.
- Salari, N. *et al.* (2023) "The global prevalence of ADHD in children and adolescents: a systematic review and meta-analysis," *Italian Journal of Pediatrics*, 49(1), p. 48. Available at: <https://doi.org/10.1186/s13052-023-01456-1>.
- Salimi, M. *et al.* (2021) "Allergic rhinitis impairs working memory in association with drop of hippocampal – Prefrontal coupling," *Brain Research*, 1758, p. 147368. Available at: <https://doi.org/10.1016/j.brainres.2021.147368>.
- Saputro, D. (2009) *ADHD (attention deficit/hyperactivity disorder)*. Jakarta: Sagung Seto.
- Savouré, M. *et al.* (2022) "Worldwide prevalence of rhinitis in adults: A review of definitions and temporal evolution," *Clinical and Translational Allergy*, 12(3), p. e12130. Available at: <https://doi.org/10.1002/clt2.12130>.
- Schlotz, W. *et al.* (2010) "Lower maternal folate status in early pregnancy is associated with childhood hyperactivity and peer problems in offspring," *Journal of Child Psychology and Psychiatry, and Allied Disciplines*, 51(5), pp. 594–602. Available at: <https://doi.org/10.1111/j.1469-7610.2009.02182.x>.
- Schoeman, R. and Voges, T. (2022) "Attention-deficit hyperactivity disorder stigma: The silent barrier to care," *The South African Journal of Psychiatry : SAJP : the Journal of the Society of Psychiatrists of South Africa*, 28, p. 1865. Available at: <https://doi.org/10.4102/sajpsychiatry.v28i0.1865>.
- Schwenke, E. *et al.* (2018) "Predicting attention deficit hyperactivity disorder using pregnancy and birth characteristics," *Archives of Gynecology and Obstetrics*, 298(5), pp. 889–895. Available at: <https://doi.org/10.1007/s00404-018-4888-0>.
- Sciberras, E. *et al.* (2017) "Prenatal Risk Factors and the Etiology of ADHD—Review of Existing Evidence," *Current Psychiatry Reports*, 19(1), p. 1. Available at: <https://doi.org/10.1007/s11920-017-0753-2>.
- Sedgwick, J.A. (2018) "University students with attention deficit hyperactivity disorder (ADHD): a literature review," *Irish Journal of Psychological Medicine*, 35(3), pp. 221–235. Available at: <https://doi.org/10.1017/ipm.2017.20>.
- Shah, R., Grover, S. and Avasthi, A. (2019) "Clinical Practice Guidelines for the Assessment and Management of Attention-Deficit/Hyperactivity Disorder," *Indian Journal of Psychiatry*, 61(Suppl 2), pp. 176–193. Available at: https://doi.org/10.4103/psychiatry.IndianJPsychiatry_543_18.
- Shaw, P. *et al.* (2007) "Attention-deficit/hyperactivity disorder is characterized by a delay in cortical maturation," *Proceedings of the National Academy of Sciences of the United States of America*, 104(49), pp. 19649–19654. Available at: <https://doi.org/10.1073/pnas.0707741104>.

- Shaw, P. and Sudre, G. (2021) "Adolescent attention deficit hyperactivity disorder: understanding teenage symptom trajectories," *Biological psychiatry*, 89(2), pp. 152–161. Available at: <https://doi.org/10.1016/j.biopsych.2020.06.004>.
- Sheehy, O. *et al.* (2025) "Obstetric mode of delivery and risk of attention deficit hyperactivity disorder in children: insights from the Quebec pregnancy cohort," *BMC Pregnancy and Childbirth*, 25, p. 627. Available at: <https://doi.org/10.1186/s12884-025-07687-w>.
- Shen, F. and Zhou, H. (2024) "Advances in the etiology and neuroimaging of children with attention deficit hyperactivity disorder," *Frontiers in Pediatrics*, 12. Available at: <https://doi.org/10.3389/fped.2024.1400468>.
- Shen, Y. *et al.* (2018) "Estimated prevalence and associated risk factors of attention deficit hyperactivity disorder (ADHD) among medical college students in a Chinese population," *Journal of Affective Disorders*, 241, pp. 291–296. Available at: <https://doi.org/10.1016/j.jad.2018.08.038>.
- Sihotang, W.Y. *et al.* (2021) "Prevalensi dan faktor resiko sangkaan rinitis alergi pada mahasiswa Fakultas Kedokteran Universitas Prima Indonesia," *Jurnal Prima Medika Sains*, 3(2), pp. 47–52. Available at: <https://doi.org/10.34012/jpms.v3i2.1992>.
- Silva, D. *et al.* (2014) "Environmental risk factors by gender associated with attention-deficit/hyperactivity disorder," *Pediatrics*, 133(1), pp. e14-22. Available at: <https://doi.org/10.1542/peds.2013-1434>.
- Siti Sarah, C.O. and Mohd Ashari, N.S. (2024) "Exploration of Allergic Rhinitis: Epidemiology, Predisposing Factors, Clinical Manifestations, Laboratory Characteristics, and Emerging Pathogenic Mechanisms," *Cureus*, 16(10), p. e71409. Available at: <https://doi.org/10.7759/cureus.71409>.
- Skirrow, P. (2025) "Practice Standards for the Assessment of ADHD: A Synthesis of Recommendations From Eight International Guidelines," *Journal of the New Zealand College of Clinical Psychologists*, 35(1), pp. 96–116. Available at: <https://doi.org/10.5281/zenodo.16743965>.
- Skoner, D.P. (2001) "Allergic rhinitis: Definition, epidemiology, pathophysiology, detection, and diagnosis," *Journal of Allergy and Clinical Immunology*, 108(1), pp. S2–S8. Available at: <https://doi.org/10.1067/mai.2001.115569>.
- Small, P., Keith, P.K. and Kim, H. (2018) "Allergic rhinitis," *Allergy, Asthma, and Clinical Immunology: Official Journal of the Canadian Society of Allergy and Clinical Immunology*, 14(Suppl 2), p. 51. Available at: <https://doi.org/10.1186/s13223-018-0280-7>.
- Solberg, B.S. *et al.* (2024) "Maternal Fiber Intake During Pregnancy and Development of Attention-Deficit/Hyperactivity Disorder Symptoms Across Childhood: The Norwegian Mother, Father, and Child Cohort Study," *Biological Psychiatry*, 95(9), pp. 839–848. Available at: <https://doi.org/10.1016/j.biopsych.2023.12.017>.
- Song, P. *et al.* (2021) "The prevalence of adult attention-deficit hyperactivity disorder: A global systematic review and meta-analysis," *Journal of Global Health*, 11, p. 04009. Available at: <https://doi.org/10.7189/jogh.11.04009>.

- Sousa-Pinto, B. *et al.* (2025) “Allergic Rhinitis and Its Impact on Asthma (ARIA)-EAACI Guidelines—2024–2025 Revision: Part I—Guidelines on Intranasal Treatments,” *Allergy* [Preprint]. Available at: <https://doi.org/10.1111/all.70131>.
- Sprich, S. *et al.* (2000) “Adoptive and biological families of children and adolescents with ADHD,” *Journal of the American Academy of Child and Adolescent Psychiatry*, 39(11), pp. 1432–1437. Available at: <https://doi.org/10.1097/00004583-200011000-00018>.
- Stiles, J. and Jernigan, T.L. (2010) “The Basics of Brain Development,” *Neuropsychology Review*, 20(4), pp. 327–348. Available at: <https://doi.org/10.1007/s11065-010-9148-4>.
- Stoodley, C.J. (2016) “The Cerebellum and Neurodevelopmental Disorders,” *The Cerebellum*, 15(1), pp. 34–37. Available at: <https://doi.org/10.1007/s12311-015-0715-3>.
- Sucksdorff, M. *et al.* (2021) “Maternal Vitamin D Levels and the Risk of Offspring Attention-Deficit/Hyperactivity Disorder,” *Journal of the American Academy of Child and Adolescent Psychiatry*, 60(1), pp. 142–151.e2. Available at: <https://doi.org/10.1016/j.jaac.2019.11.021>.
- Takahashi, K. *et al.* (2016) “Prevalence of attention deficit hyperactivity disorder and/or autism spectrum disorder and its relation to lifestyle in female college students,” *Environmental Health and Preventive Medicine*, 21(6), pp. 455–459. Available at: <https://doi.org/10.1007/s12199-016-0548-9>.
- Takeuchi, H. *et al.* (2021) “Lead exposure is associated with functional and microstructural changes in the healthy human brain,” *Communications Biology*, 4(1), p. 912. Available at: <https://doi.org/10.1038/s42003-021-02435-0>.
- Thapar, A. *et al.* (2012) “What causes attention deficit hyperactivity disorder?,” *Archives of Disease in Childhood*, 97(3), pp. 260–265. Available at: <https://doi.org/10.1136/archdischild-2011-300482>.
- Thorpe, M. *et al.* (2023) “History and Utility of Specific IgE Cutoff Levels: What is the Relevance for Allergy Diagnosis?,” *The Journal of Allergy and Clinical Immunology: In Practice*, 11(10), pp. 3021–3029. Available at: <https://doi.org/10.1016/j.jaip.2023.05.022>.
- Tsai, J.-D. *et al.* (2013) “Association between atopic diseases and attention-deficit/hyperactivity disorder in childhood: a population-based case-control study,” *Annals of Epidemiology*, 23(4), pp. 185–188. Available at: <https://doi.org/10.1016/j.annepidem.2012.12.015>.
- Uchida, M. *et al.* (2023) “The Heritability of ADHD in Children of ADHD Parents: A Post-hoc Analysis of Longitudinal Data,” *Journal of Attention Disorders*, 27(3), pp. 250–257. Available at: <https://doi.org/10.1177/10870547221136251>.
- Ugarte, G. *et al.* (2023) “Attention Deficit-Hyperactivity Disorder (ADHD): From Abnormal Behavior to Impairment in Synaptic Plasticity,” *Biology*, 12(9), p. 1241. Available at: <https://doi.org/10.3390/biology12091241>.
- Uliel-Sibony, S. *et al.* (2023) “Epilepsy and attention-deficit/hyperactivity disorder in children and adolescents: An overview of etiology, prevalence, and treatment,”

- Frontiers in Human Neuroscience*, 17. Available at: <https://doi.org/10.3389/fnhum.2023.1021605>.
- Urry, L.A. *et al.* (2021) *Campbell biology*. Twelfth edition. New York, NY: Pearson.
- Vizzini, L. *et al.* (2018) “Maternal anxiety, depression and sleep disorders before and during pregnancy, and preschool ADHD symptoms in the NINFEA birth cohort study,” *Epidemiology and Psychiatric Sciences*, 28(5), pp. 521–531. Available at: <https://doi.org/10.1017/S2045796018000185>.
- Wadhwa, P.D. *et al.* (2009) “Developmental Origins of Health and Disease: Brief History of the Approach and Current Focus on Epigenetic Mechanisms,” *Seminars in reproductive medicine*, 27(5), pp. 358–368. Available at: <https://doi.org/10.1055/s-0029-1237424>.
- Wang, J. *et al.* (2023) “Pathogenesis of allergic diseases and implications for therapeutic interventions,” *Signal Transduction and Targeted Therapy*, 8, p. 138. Available at: <https://doi.org/10.1038/s41392-023-01344-4>.
- Waruwu, I.K.P. *et al.* (2023) “Rhinitis Alergi: Etiologi, Patofisiologi, Diagnosis dan Tatalaksana,” *Medical Profession Journal of Lampung*, 13(4.1), pp. 21–26. Available at: <https://doi.org/10.53089/medula.v13i4.1.705>.
- Webb, E. (2013) “Poverty, maltreatment and attention deficit hyperactivity disorder.” Available at: <https://doi.org/10.1136/archdischild-2012-303578>.
- Wheatley, L.M. and Togias, A. (2015) “Allergic Rhinitis,” *The New England journal of medicine*, 372(5), pp. 456–463. Available at: <https://doi.org/10.1056/NEJMcp1412282>.
- Widuri, A. and Fakhriani, R. (2021) “Validity and Reliability of The Indonesian Modification of Score for Allergic Rhinitis,” *Berkala Kedokteran*, 17(1), p. 1. Available at: <https://doi.org/10.20527/jbk.v17i1.10243>.
- Wimbarti, S. and Kusrohmaniah, S. (2025) “ADHD among Indonesian Primary School Students: Measurement and Prevalence,” *Journal of Educational, Health and Community Psychology*, 12(1). Available at: <https://doi.org/10.12928/jehcp.v1i1.26044>.
- Wong, Q.Y.A. *et al.* (2022) “Allergic rhinitis in Chinese young adults from the Singapore/Malaysia cross-sectional genetics epidemiology study (SMCGES) cohort: Prevalence, patterns, and epidemiology of allergic rhinitis,” *World Allergy Organization Journal*, 15(10). Available at: <https://doi.org/10.1016/j.waojou.2022.100704>.
- Wong, R.S. *et al.* (2022) “Comorbidity of ADHD and allergic diseases in early adolescence: The role of parental smoking at home,” *Current Psychology*, 42(15), pp. 12630–12638. Available at: <https://doi.org/10.1007/s12144-021-02693-5>.
- World Health Organization (ed.) (1992) *The ICD-10 classification of mental and behavioural disorders: clinical descriptions and diagnostic guidelines*. Geneva: World Health Organization.
- Yamanaka-Takaichi, M. *et al.* (2021) “Stress and Nasal Allergy: Corticotropin-Releasing Hormone Stimulates Mast Cell Degranulation and Proliferation in Human Nasal

- Mucosa,” *International Journal of Molecular Sciences*, 22(5), p. 2773. Available at: <https://doi.org/10.3390/ijms22052773>.
- Yang, C.-F., Yang, C.-C. and Wang, I.-J. (2018a) “Association between allergic diseases, allergic sensitization and attention-deficit/hyperactivity disorder in children: A large-scale, population-based study,” *Journal of the Chinese Medical Association*, 81(3), p. 277. Available at: <https://doi.org/10.1016/j.jcma.2017.07.016>.
- Yang, C.-F., Yang, C.-C. and Wang, I.-J. (2018b) “Association between allergic diseases, allergic sensitization and attention-deficit/hyperactivity disorder in children: A large-scale, population-based study,” *Journal of the Chinese Medical Association*, 81(3), p. 277. Available at: <https://doi.org/10.1016/j.jcma.2017.07.016>.
- Yang, Y. *et al.* (2022) “Prevalence of neurodevelopmental disorders among US children and adolescents in 2019 and 2020,” *Frontiers in Psychology*, 13, p. 997648. Available at: <https://doi.org/10.3389/fpsyg.2022.997648>.
- Yowtak, J. *et al.* (2011) “Reactive oxygen species contribute to neuropathic pain by reducing spinal GABA release,” *Pain*, 152(4), pp. 844–852. Available at: <https://doi.org/10.1016/j.pain.2010.12.034>.
- Yuliantoputri, S.R. *et al.* (2022) “Validity and Reliability of The Indonesian Version of Patient Allergic Rhinitis Questionnaire and Allergic Rhinitis Prevalence in A Class Of 2018-2019 Medical Students of Universitas Padjadjaran, Indonesia,” *International Journal of Integrated Health Sciences*, 10(2), pp. 94–101. Available at: <https://doi.org/10.15850/ijih.v10n1.2711>.
- Zhang, J. *et al.* (2024) “Adenoid facies: a long-term vicious cycle of mouth breathing, adenoid hypertrophy, and atypical craniofacial development,” *Frontiers in Public Health*, 12, p. 1494517. Available at: <https://doi.org/10.3389/fpubh.2024.1494517>.
- Zhu, T. *et al.* (2016) “Association Between Perinatal Hypoxic-Ischemic Conditions and Attention-Deficit/Hyperactivity Disorder: A Meta-Analysis,” *Journal of Child Neurology*, 31(10), pp. 1235–1244. Available at: <https://doi.org/10.1177/0883073816650039>.
- Zou, P. *et al.* (2025) “Early life adversity and adult attention-deficit/hyperactivity disorder (ADHD): Pathways to persistence and adult susceptibility,” *Neuroscience & Biobehavioral Reviews*, 179, p. 106436. Available at: <https://doi.org/10.1016/j.neubiorev.2025.106436>.