

DAFTAR PUSTAKA

1. García-Marcos L, Asher MI, Pearce N, Ellwood E, Bissell K, Chiang CY, et al. The burden of asthma, hay fever and eczema in children in 25 countries: GAN Phase I study. *Eur Respir J*. 2022 Sep;60(3):2102866.
2. Triasih R, Setyowireni D, Nurani N, Setyati A. Prevalence, Management, and Risk Factors of Asthma Among School-Age Children in Yogyakarta, Indonesia. *JAA*. 2023 Jan;Volume 16:23–32.
3. Hsu J, Qin X, Beavers SF, Mirabelli MC. Asthma-Related School Absenteeism, Morbidity, and Modifiable Factors. *American Journal of Preventive Medicine*. 2016 Jul;51(1):23–32.
4. Aggarwal B, Jones PW, Yunus F, Lan LTT, Boonsawat W, Ismaila A, et al. Direct healthcare costs associated with management of asthma: comparison of two treatment regimens in Indonesia, Thailand and Vietnam. *Journal of Asthma*. 2022 Jun 3;59(6):1213–20.
5. Kansen H, Le T, Uiterwaal C, Van Ewijk B, Balemans W, Gorissen D, et al. Prevalence and Predictors of Uncontrolled Asthma in Children Referred for Asthma and Other Atopic Diseases. *JAA*. 2020 Jan;Volume 13:67–75.
6. Kuti B, Omole K, Kuti D. Factors associated with childhood asthma control in a resource-poor center. *J Family Med Prim Care*. 2017;6(2):222.
7. Kumar P, Singh G, Goya J, Khera D, Singh K. Association of common comorbidities with asthma in children: a cross-sectional study. *Sudan J Paed*. 2019;88–92.
8. Ronco L, Folino A, Goia M, Crida B, Esposito I, Bignamini E. Do not forget asthma comorbidities in pediatric severe asthma! *Front Pediatr*. 2022 Jul 29;10:932366.
9. Sansone F, Attanasi M, Di Pillo S, Chiarelli F. Asthma and Obesity in Children. *Biomedicines*. 2020 Jul 21;8(7):231.
10. Angulo MA, Butler MG, Cataletto ME. Prader-Willi syndrome: a review of clinical, genetic, and endocrine findings. *J Endocrinol Invest*. 2015 Dec;38(12):1249–63.
11. Butler MG, Miller JL, Forster JL. Prader-Willi Syndrome - Clinical Genetics, Diagnosis and Treatment Approaches: An Update. *CPR*. 2019 Dec 30;15(4):207–44.
12. Bellis SA, Kuhn I, Adams S, Mullarkey L, Holland A. The consequences of hyperphagia in people with Prader-Willi Syndrome: A systematic review of

- studies of morbidity and mortality. *European Journal of Medical Genetics*. 2022 Jan;65(1):104379.
13. Triasih R, Duke T, Robertson CF. Outcomes following admission to intensive care for asthma. *Archives of Disease in Childhood*. 2011 Aug 1;96(8):729–34.
 14. Holm VA, Cassidy SB, Butler MG, Hanchett JM, Greenswag LR, Whitman BY, et al. Prader-Willi Syndrome: Consensus Diagnostic Criteria. *Pediatrics*. 1993 Feb 1;91(2):398–402.
 15. Trivedi M, Denton E. Asthma in Children and Adults—What Are the Differences and What Can They Tell us About Asthma? *Front Pediatr*. 2019 Jun 25;7:256.
 16. Harker JA, Lloyd CM. T helper 2 cells in asthma. *Journal of Experimental Medicine*. 2023 Jun 5;220(6):e20221094.
 17. Habib N, Pasha MA, Tang DD. Current Understanding of Asthma Pathogenesis and Biomarkers. *Cells*. 2022 Sep 5;11(17):2764.
 18. Andreev K, Graser A, Maier A, Mousset S, Finotto S. Therapeutical Measures to Control Airway Tolerance in Asthma and Lung Cancer. *Front Immunol* [Internet]. 2012 [cited 2024 Jul 27];3. Available from: <http://journal.frontiersin.org/article/10.3389/fimmu.2012.00216/abstract>
 19. Méndez-Enríquez E, Hallgren J. Mast Cells and Their Progenitors in Allergic Asthma. *Front Immunol*. 2019 May 29;10:821.
 20. Newcomb DC, Peebles RS. Th17-mediated inflammation in asthma. *Current Opinion in Immunology*. 2013 Dec;25(6):755–60.
 21. Curtis MM, Way SS. Interleukin-17 in host defence against bacterial, mycobacterial and fungal pathogens. *Immunology*. 2009 Feb;126(2):177–85.
 22. Varricchi G, Brightling CE, Grainge C, Lambrecht BN, Chanez P. Airway remodelling in asthma and the epithelium: on the edge of a new era. *Eur Respir J*. 2024 Apr;63(4):2301619.
 23. Hough KP, Curtiss ML, Blain TJ, Liu RM, Trevor J, Deshane JS, et al. Airway Remodeling in Asthma. *Front Med*. 2020 May 21;7:191.
 24. Mayangsari ASM, Supriyatno B, Kartasasmita CB, Setyanto DB, Wulandari DA, Olivianto E, et al. *Pedoman Nasional Asma Anak Edisi ke 3*. Vol. Edisi ke-3. Jakarta: UKK Respiralogi Ikatan Dokter Anak Indonesia; 2022.
 25. Janahi IA, Rehman A, Baloch NUA. Corticosteroids and Their Use in Respiratory Disorders. In: Al-kaf AG, editor. *Corticosteroids* [Internet].



InTech; 2018 [cited 2024 Aug 29]. Available from:

<http://www.intechopen.com/books/corticosteroids/corticosteroids-and-their-use-in-respiratory-disorders>

26. Barnes PJ. Scientific rationale for inhaled combination therapy with long-acting β_2 -agonists and corticosteroids. *Eur Respir J.* 2002 Jan;19(1):182–91.
27. Garza N, Witmans M, Salud M, Lagera PGD, Co VA, Tablizo MA. The Association between Asthma and OSA in Children. *Children.* 2022 Sep 21;9(10):1430.
28. Poddighe D, Brambilla I, Licari A, Marseglia GL. Pediatric rhinosinusitis and asthma. *Respiratory Medicine.* 2018 Aug;141:94–9.
29. Wąsowska-Królikowska K, Toporowska-Kowalska E, Krogulska A. Asthma and gastroesophageal reflux in children. *Med Sci Monit.*
30. Kim SY, Kim HR, Min C, Oh DJ, Park B, Choi HG. Bidirectional association between GERD and asthma in children: two longitudinal follow-up studies using a national sample cohort. *Pediatr Res.* 2020 Aug;88(2):320–4.
31. Ahmadizar F, Vijverberg SJH, Arets HGM, De Boer A, Lang JE, Kattan M, et al. Childhood obesity in relation to poor asthma control and exacerbation: a meta-analysis. *Eur Respir J.* 2016 Oct;48(4):1063–73.
32. Sood A, Shore SA. Adiponectin, Leptin, and Resistin in Asthma: Basic Mechanisms through Population Studies. *Journal of Allergy.* 2013 Oct 30;2013:1–15.
33. Pestel J, Chehimi M, Bonhomme M, Robert M, Vidal H, Eljaafari A. IL-17A contributes to propagation of inflammation but does not impair adipogenesis and/or insulin response, in adipose tissue of obese individuals. *Cytokine.* 2020 Feb;126:154865.
34. Kotzbeck P, Giordano A, Mondini E, Murano I, Severi I, Venema W, et al. Brown adipose tissue whitening leads to brown adipocyte death and adipose tissue inflammation. *Journal of Lipid Research.* 2018;59(5):784–94.
35. Ates F, Vaezi MF. Insight Into the Relationship Between Gastroesophageal Reflux Disease and Asthma. 2014;
36. Kheirandish-Gozal L, Gozal D. Obstructive Sleep Apnea and Inflammation: Proof of Concept Based on Two Illustrative Cytokines. *IJMS.* 2019 Jan 22;20(3):459.



37. Alam MS, Otsuka S, Wong N, Abbasi A, Gaida MM, Fan Y, et al. TNF plays a crucial role in inflammation by signaling via T cell TNFR2. *Proc Natl Acad Sci USA*. 2021 Dec 14;118(50):e2109972118.
38. Trivedi M, Mallah ME, Bailey E, Kremer T, Rhein LM. Pediatric Obstructive Sleep Apnea and Asthma: Clinical Implications. *Pediatr Ann* [Internet]. 2017 Sep [cited 2023 Sep 10];46(9). Available from: <https://journals.healio.com/doi/10.3928/19382359-20170815-03>
39. Del Giacco SR, Cappai A, Gambula L, Cabras S, Perra S, Manconi PE, et al. The asthma-anxiety connection. *Respiratory Medicine*. 2016 Nov;120:44–53.
40. Miyasaka T, Dobashi-Okuyama K, Takahashi T, Takayanagi M, Ohno I. The interplay between neuroendocrine activity and psychological stress-induced exacerbation of allergic asthma. *Allergology International*. 2018 Jan;67(1):32–42.
41. Bui DS, Lodge CJ, Perret JL, Lowe A, Hamilton GS, Thompson B, et al. Trajectories of asthma and allergies from 7 years to 53 years and associations with lung function and extrapulmonary comorbidity profiles: a prospective cohort study. *The Lancet Respiratory Medicine*. 2021 Apr;9(4):387–96.
42. Costa RA, Ferreira IR, Cintra HA, Gomes LHF, Guida L da C. Genotype-Phenotype Relationships and Endocrine Findings in Prader-Willi Syndrome. *Front Endocrinol*. 2019 Dec 13;10:864.
43. Correa-da-Silva F, Fliers E, Swaab DF, Yi C. Hypothalamic neuropeptides and neurocircuitries in Prader Willi syndrome. *J Neuroendocrinol* [Internet]. 2021 Jul [cited 2022 Aug 8];33(7). Available from: <https://onlinelibrary.wiley.com/doi/10.1111/jne.12994>
44. Gabriela Pop M, Crivii C, Opincariu I. Anatomy and Function of the Hypothalamus. In: J. Baloyannis S, Oxholm Gordeladze J, editors. *Hypothalamus in Health and Diseases* [Internet]. IntechOpen; 2018 [cited 2022 Aug 9]. Available from: <https://www.intechopen.com/books/hypothalamus-in-health-and-diseases/anatomy-and-function-of-the-hypothalamus>
45. Tsai M, Asakawa A, Amitani H, Inui A. Stimulation of leptin secretion by insulin. *Indian J Endocr Metab*. 2012;16(9):543.
46. Millington GW. The role of proopiomelanocortin (POMC) neurones in feeding behaviour. *Nutr Metab (Lond)*. 2007;4(1):18.



47. Crinò A, Fintini D, Bocchini S, Grugni G. Obesity management in Prader-Willi syndrome: current perspectives. *DMSO*. 2018 Oct; Volume 11:579–93.
48. Passone CBG, Pasqualucci PL, Franco RR, Ito SS, Mattar LBF, Koiffmann CP, et al. Prader-Willi Syndrome : What is A General Pediatrician Suppose to Do? - A Review. *Rev paul pediatr*. 2018 Sep;36(3):345–52.
49. Emerick JE, Vogt KS. Endocrine manifestations and management of Prader-Willi syndrome. *Int J Pediatr Endocrinol*. 2013 Dec;2013(1):14.
50. Kusz MJ, Gawlik AM. Adrenal insufficiency in patients with Prader-Willi syndrome. *Front Endocrinol*. 2022 Nov 17;13:1021704.
51. Brambilla P, Crinò A, Bedogni G, Bosio L, Cappa M, Corrias A, et al. Metabolic syndrome in children with Prader-Willi syndrome: the effect of obesity. *Nutrition, Metabolism and Cardiovascular Diseases*. 2010 Jan 20;S0939475309002385.
52. Com G, Santhanam H, Ergun-Longmire B. Respiratory system abnormalities in Prader-Willi syndrome: a literature review. *Pediatr Med*. 2023 May;6(11):14–14.
53. Tan HL, Urquhart DS. Respiratory Complications in Children with Prader-Willi Syndrome. *Paediatric Respiratory Reviews*. 2017 Mar;22:52–9.
54. Sedky K, Bennett DS, Pumariega A. Prader-Willi Syndrome and Obstructive Sleep Apnea: Co-occurrence in the Pediatric Population. *Journal of Clinical Sleep Medicine*. 2014 Apr 15;10(04):403–9.
55. Ingram DG, Arganbright JM, Paprocki E, Halpin KL. Sleep Disorders in Children with Prader-Willi Syndrome: Current Perspectives. *NSS*. 2022 Nov; Volume 14:2065–74.
56. Gillett E, Perez I. Disorders of Sleep and Ventilatory Control in Prader-Willi Syndrome. *Diseases*. 2016 Jul 8;4(4):23.
57. Pacoricona Alfaro DL, Lemoine P, Ehlinger V, Molinas C, Diene G, Valette M, et al. Causes of death in Prader-Willi syndrome: lessons from 11 years' experience of a national reference center. *Orphanet J Rare Dis*. 2019 Dec;14(1):238.
58. Savini S, Ciorba A, Bianchini C, Stomeo F, Corazzi V, Vicini C, et al. Assessment of obstructive sleep apnoea (OSA) in children: an update. *Acta Otorhinolaryngol Ital*. 2019 Oct;39(5):289–97.
59. Stempel JM, Gopalakrishnan A, Krishnamoorthy P, Lo KB, Mittal V, Moghbeli N, et al. Pulmonary Arterial Hypertension in Hospitalized Patients

- With Polycythemia Vera (from the National Inpatient Database). *The American Journal of Cardiology*. 2021 Mar;143:154–7.
60. Clements AC, Dai X, Walsh JM, Sterni LM, Prichett L, Boss EF, et al. Outcomes of Adenotonsillectomy for Obstructive Sleep Apnea in Prader-Willi Syndrome: Systematic Review and Meta-analysis. *The Laryngoscope*. 2021 Apr;131(4):898–906.
 61. Wong SB, Yang MC, Tzeng IS, Tsai WH, Lan CC, Tsai LP. Progression of Obstructive Sleep Apnea Syndrome in Pediatric Patients with Prader-Willi Syndrome. *Children*. 2022 Jun 17;9(6):912.
 62. Itani R, Gillett ES, Perez IA. Sleep Consequences of Prader-Willi Syndrome. *Curr Neurol Neurosci Rep*. 2023 Mar;23(3):25–32.
 63. Andersen IG, Holm JC, Homøe P. Impact of weight-loss management on children and adolescents with obesity and obstructive sleep apnea. *International Journal of Pediatric Otorhinolaryngology*. 2019 Aug;123:57–62.
 64. Høybye C, Scheimann AO. Prader-Willi syndrome: Management. Wolters Kluwer. 2024 Aug 10;
 65. Damayanti Rusli Sjarif, Gultom LC, Hendarto A, Lestari; ED, Sidiartha IGL, Mexitalia M. Diagnosis, Tata Laksana dan Pencegahan Obesitas pada Anak dan Remaja. *Ikatan Dokter Anak Indonesia*; 2014. (Rekomendasi Ikatan Dokter Anak Indonesia).
 66. Westerterp KR. Physical activity and physical activity induced energy expenditure in humans: measurement, determinants, and effects. *Front Physiol* [Internet]. 2013 [cited 2024 Mar 7];4. Available from: <http://journal.frontiersin.org/article/10.3389/fphys.2013.00090/abstract>
 67. Butte NF, Watson KB, Ridley K, Zakeri IF, McMurray RG, Pfeiffer KA, et al. A Youth Compendium of Physical Activities: Activity Codes and Metabolic Intensities. *Medicine & Science in Sports & Exercise*. 2018 Feb;50(2):246–56.
 68. Martin CK, Johnson WD, Myers CA, Apolzan JW, Earnest CP, Thomas DM, et al. Effect of different doses of supervised exercise on food intake, metabolism, and non-exercise physical activity: The E-MECHANIC randomized controlled trial. *The American Journal of Clinical Nutrition*. 2019 Sep;110(3):583–92.
 69. Rozensztrauch A, Śmigiel R. Quality of Life in Children with Prader-Willi Syndrome and the Impact of the Disease on the Functioning of Families. *IJERPH*. 2022 Dec 6;19(23):16330.



70. Bakker NE, Siemensma EPC, Van Rijn M, Festen DAM, Hokken-Koelega ACS. Beneficial Effect of Growth Hormone Treatment on Health-Related Quality of Life in Children with Prader-Willi Syndrome: A Randomized Controlled Trial and Longitudinal Study. *Horm Res Paediatr*. 2015;84(4):231–9.
71. Forno E, Celedón JC. Asthma and ethnic minorities: socioeconomic status and beyond. *Current Opinion in Allergy & Clinical Immunology*. 2009 Apr;9(2):154–60.
72. Koskela HO. Cold air-provoked respiratory symptoms: the mechanisms and management. *International Journal of Circumpolar Health*. 2007 Apr;66(2):91–100.
73. D’Amato M, Molino A, Calabrese G, Cecchi L, Annesi-Maesano I, D’Amato G. The impact of cold on the respiratory tract and its consequences to respiratory health. *Clin Transl Allergy*. 2018 Dec;8(1):20.
74. Harta PS. Salivary Abnormalities in Prader-Willi Syndrome. *Annals of the New York Academy of Sciences*. 1998 Apr;842(1):125–31.
75. Alkhalil M, Schulman E, Getsy J. Obstructive Sleep Apnea Syndrome and Asthma: What Are the Links? *Journal of Clinical Sleep Medicine*. 2009 Feb 15;05(01):71–8.
76. Kheirandish-Gozal L, Dayyat EA, Eid NS, Morton RL, Gozal D. Obstructive sleep apnea in poorly controlled asthmatic children: Effect of adenotonsillectomy. *Pediatric Pulmonology*. 2011 Sep;46(9):913–8.
77. Angulo MA, Castro-Magana M, Lamerson M, Arguello R, Accacha S, Khan A. Final adult height in children with Prader–Willi syndrome with and without human growth hormone treatment. *American J of Med Genetics Pt A*. 2007 Jul;143A(13):1456–61.
78. Inzaghi E, Pampanini V, Deodati A, Cianfarani S. The Effects of Nutrition on Linear Growth. *Nutrients*. 2022 Apr 22;14(9):1752.
79. Lima VPD, Emerich DR, Mesquita MLGD, Paternez ACAC, Carreiro LRR, Pina Neto JMD, et al. Nutritional intervention with hypocaloric diet for weight control in children and adolescents with Prader–Willi Syndrome. *Eating Behaviors*. 2016 Apr;21:189–92.
80. Berthon BS, Gibson PG, McElduff P, MacDonald-Wicks LK, Wood LG. Effects of short-term oral corticosteroid intake on dietary intake, body weight and body composition in adults with asthma – a randomized controlled trial. *Clin Experimental Allergy*. 2015 May;45(5):908–19.

81. Ludwig DS, Apovian CM, Aronne LJ, Astrup A, Cantley LC, Ebbeling CB, et al. Competing paradigms of obesity pathogenesis: energy balance versus carbohydrate-insulin models. *Eur J Clin Nutr.* 2022 Sep;76(9):1209–21.
82. Reid K, Davies PS. Exercise and Physical Activity for children with Prader Willi Syndrome.
83. Wang XN, Luo JM, Xiao Y, Zhang DM, Huang R. Daytime hypercapnia in adult patients with obstructive sleep apnea in China. *Chinese Medical Journal.* 2021 Sep 20;134(18):2237–9.
84. Mari A, Nougue H, Mateo J, Vallet B, Vallée F. Transcutaneous PCO₂ monitoring in critically ill patients: update and perspectives. *J Thorac Dis.* 2019 Jul;11(S11):S1558–67.
85. Wilson KS, Wiersma LD, Rubin DA. Quality of life in children with Prader Willi Syndrome: Parent and child reports. *Research in Developmental Disabilities.* 2016 Oct;57:149–57.
86. Whittington J, Holland T. Recognition of emotion in facial expression by people with Prader–Willi syndrome. *J intellect Disabil Res.* 2011 Jan;55(1):75–84.
87. Sasinthar K, Sugumaran A, Boratne AV, Patil RK. Health-related quality of life of intellectually disabled children attending a special school in Puducherry-A cross-sectional study. *Journal of Family Medicine and Primary Care.* 2022 Aug;11(8):4549–54.
88. Stenius-Aarniala B. Immediate and long term effects of weight reduction in obese people with asthma: randomised controlled study. *BMJ.* 2000 Mar 25;320(7238):827–32.
89. Bafadhel M, Singapuri A, Terry S, Hargadon B, Monteiro W, Green RH, et al. Body Mass and Fat Mass in Refractory Asthma: An Observational 1 Year Follow-Up Study. *Journal of Allergy.* 2010 Dec 1;2010:1–9.
90. Ulrik C, Trunk-Black Juel, Ali, Nilas. Asthma and obesity: does weight loss improve asthma control? a systematic review. *JAA.* 2012 Jun;21.
91. Butler MG, Lee J, Manzardo AM, Gold JA, Miller JL, Kimonis V, et al. Growth Charts for Non-Growth Hormone Treated Prader-Willi Syndrome. *Pediatrics.* 2015 Jan 1;135(1):e126–35.