

DAFTAR PUSTAKA

1. Kemenkes RI. Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/MENKES/1634/2023 Tentang Pedoman Nasional Pelayanan Kedokteran Tata Laksana Rinosinusitis Kronik. Keputusan Menteri Kesehatan Republik Indones. 2023;(11):1–189.
2. Simanjuntak MR, Zachreini I, Rahayu MS. Karakteristik Penderita Rinosinusitis Kronik di Poliklinik THT-KL RSUD Cut Meutia Aceh Utara Tahun 2022. *Galen J Kedokt dan Kesehat Mhs Malikussaleh*. 2024;3(2):7.
3. Min HK, Lee S, Kim S, Son Y, Park J, Kim HJ, et al. Global Incidence and Prevalence of Chronic Rhinosinusitis: A Systematic Review. *Clin Exp Allergy J Br Soc Allergy Clin Immunol*. 2025 Jan;55(1):52–66.
4. Quintanilla D, Derek J. Chronic Rhinosinusitis in Children. *Curr Treat Options Pediatr*. 2020;4(4):413–24.
5. Husni T.R, Romi IP, Sariningrum HA ED. Characteristics of Chronic Sinusitis Based on Non-Contrast CT Scan at the ENT-Head and Neck Surgery Polyclinic of Regional General Hospital Dr. Zainoel Abidin Banda Aceh. *Indones J Trop Infect Dis*. 2022;10(1):55–61.
6. Murtomäki A, Helevä A, Torkki P, Haukka J, Julkunen-Iivari A, Lemmetyinen R, et al. Comorbidities of chronic rhinosinusitis in children and adults. *Clin Transl Allergy*. 2024;14(4):1–12.
7. Irawati N, Vania E, Poerbonegoro NL, Anatriera RA. Comprehensive therapy in united airway disease : Evidence Based Case Report. *ORLI*. 2022;52(1):62–8.
8. Darougar S, Hematyar M, Savoji PB. Exploration of Asthma & Allergy A mini-update on chronic rhinosinusitis. *Explor Asthma Allergy*. 2024;2:473–84.
9. Wibowo GH, Zahraturrehman A, Sangging PRA, Himayani R. Tatalaksana Rinosinusitis Kronis Pada Anak. *Medula*. 2023;13(6):237–42.
10. Ge M, Liu DH, FERENCE EH. Pediatric chronic sinusitis: diagnosis and management. *Curr Opin Otolaryngol Head Neck Surg*. 2022;30(1):68–77.
11. RSUD Cut Meutia Aceh Utara. Rekam medis anak bagian THT dengan diagnosis rinosinusitis kronik. 2025.
12. Ratunanda SS, Dewi YA PP. Sinonasal Inverted Papilloma. *Perhati-KL*. 2019;11(1):1–14.
13. Perhati-KL. Panduan Praktik Klinis, Panduan Praktik Klinis Tindakan, Clinical Pathway. 2015. 54 p.
14. Mahmud R, Ibrahim R, Warastuti RA. Identify the Respiration System and the Organts of Them. *J Ilm dr Aloei Saboe*. 2021;8(2):1–11.
15. Hutagaol R, Sukarna AR, Susanti N, Sijabat M, Adriani RB, Aini SN et al. *Buku Ajar Anatomi Fisiologi*. Vol. 5, Yogyakarta: Zahir Publishing. 2022. 111–127 p.
16. Zinreich SJ, Smith TD, Kuhn FA, Marquez S, Solaiyappan M, Hosemann W. 3D CT stereoscopic imaging: observations of the frontal and anterior ethmoid sinuses development from birth to early adulthood. *Rhinol Online*. 2022;5(5):105–19.

17. Chmielewski PP. Clinical anatomy of the paranasal sinuses and its terminology. *Anat Sci Int*. 2024;99(4):454–60.
18. Rey C, Caballero DB, Rosano G, Taschieri S, Gaudy J fran. Maxillary Sinus Vascularization: A Cadaveric Study. *J Craniofac Surg*. 2009;20(3):3–6.
19. Fokkens WJ, Lund VJ, Hopkins C, Hellings PW, Kern R, Reitsma S et al. International Rhinology Journal European Position Paper on Rhinosinusitis and Nasal Polyps. *Epos* 2020. 2020;1(2):7–8.
20. Tobing J. Penatalaksanaan Mukokel Pada Sinus Maksila. *IKRA-ITH Hum J Sos dan Hum*. 2022;7(2):20–35.
21. Spector BM, Shusterman DJ, Zhao K. Nasal nitric oxide flux from the paranasal sinuses. *Curr Opin Allergy Clin Immunol*. 2023;23(1).
22. Brożek JL, Bousquet J, Agache I, Agarwal A, Bachert C, Bosnic-Anticevich S, et al. Allergic Rhinitis and its Impact on Asthma (ARIA) guidelines—2016 revision. *J Allergy Clin Immunol*. 2017;140(4):950–8.
23. Id JRK, Hirsch AG, Bandeen-roche K, Sundaresan S, Tan BK, Kern RC, et al. A new approach to categorization of radiologic inflammation in chronic rhinosinusitis. *PLoS One*. 2020;15(6):1–15.
24. Agarwal S, Sharma R, Sharma V, Rana A. Effect of Functional Endoscopic Sinus Surgery on Mucociliary Clearance in Patients of Chronic Rhinosinusitis. *Otorhinolaryngol Clin*. 2021;13(2):38–9.
25. Shinee T, Sutikno B, Abdullah B. The use of biologics in children with allergic rhinitis and chronic rhinosinusitis : Current updates. *Pediatr Invest*. 2019;3(3):165–72.
26. Poddighe D, Brambilla I, Licari A, Marseglia GL. Pediatric rhinosinusitis and asthma. *Respir Med*. 2018;141:94–9.
27. Mailasari A, Dewi K, Aditomo R, Hariyati R, Dewi M, Astuti K. Hubungan Gambaran Histopatologi dan Derajat Konka Hipertrofi dengan Sumbatan Hidung pada Rinosinustis Kronik. *Medica Hosp*. 2020;7(2):427–31.
28. Volpe S, Irish J, Palumbo S, Lee E, Herbert J, Ramadan I, et al. Viral infections and chronic rhinosinusitis. *J Allergy Clin Immunol*. 2006;152(4):819–26.
29. Kementerian Kesehatan Republik Indonesia. Kategori Usia. *Ayo Sehat*. 2026;
30. Kose SK, Aksoy S, Onder M, Oz U, Orhan K. Association among Orthodontic Malocclusions, Paranasal Sinuses Anatomic Variations and Adenoid Vegetation in Children Using CBCT. *Children*. 2023;10(9):1549.
31. Muenchhoff M, Goulder PJR. Sex Differences in Pediatric Infectious Diseases. *J Infect Dis*. 2014;209(3):120–6.
32. Wilson AR, Johnson RL, Albino J, Jiang L, Schmiede SJ, Brega AG. Parental ethnic identity and its influence on children’s oral health in American Indian families. *Int J Environ Res Public Health*. 2021;18(8):1–13.
33. Oh E, Miller JE, Lee JT. Multidisciplinary Management of Pediatric Chronic Rhinosinusitis with Nasal Polyposis. *Curr Treat Options Allergy*.

- 2024;34–48.
34. Ramadan HH. Pediatric Rhinosinusitis Rhinosinusitis Pediatrics Sinus surgery Endoscopic sinus surgery. *Pediatr Clin NA*. 2022;69(2):275–86.
 35. Kim D, Ryu G, Hong SD. Clinical Characteristics of Pediatric Chronic Rhinosinusitis : A Nationwide Retrospective Multicenter Study. *Korean Rhinol Soc*. 2025;32(1):28–35.
 36. Sedaghat AR, Phipatanakul W CM. Prevalence and associations with allergic rhinitis in children with chronic rhinosinusitis. *Int J Pediatr Otorhinolaryngol*. 2014;78(2):343–7.
 37. Cantone E, Tosco A, Sepe A, Raia V, Negri R, Castaldo A, et al. TAS2R38 genotype and CRS severity in children with cystic fibrosis. *Heliyon*. 2025;11(1):1–8.
 38. Hadi W, Ardhana IH. Recurrent Antrochoanal Polyp with Chronic Rhinosinusitis in Children: A Case Report and Approach of the Recurrence-Free Treatment Strategy. *Eur J Rhinol Allergy*. 2025;8(1):41–4.
 39. Galluzzi F, Garavello W, Dalfino G, Bernardi F De, Castelnuovo P, Turri-Zanoni M. The Role of Endoscopic Sinus Surgery in Children with Cystic Fibrosis. Vol. 14, *Journal of Clinical Medicine*. 2025. p. 177–136.
 40. Feng Y, Cai W, Xie Q, Ming X, Yang X, Chen X. Impact of Upper Airway Comorbidities and Tonsil/Adenoid Synergistic Effects on Pediatric OSA Severity. *Nat Sci Sleep*. 2025;17:917–27.
 41. Aroor S, Atul PN, Handattu K, Bhat YR, Mundkur SC, Kini P. Prevalence of allergic rhinosinusitis and adenoid hypertrophy and their impact on asthma control: A tertiary care experience. *Sri Lanka J Child Heal*. 2025;54(1):8–11.
 42. Hsieh SF, Wu PW, Chiu CH, Huang YL, Huang CC. Histopathological Characteristics of Nasal Tissues From Paediatric Patients with Chronic Rhinosinusitis and Nasal Polyps Requiring Revision Surgery. *J Inflamm Res*. 2025;18:13279–89.
 43. Cheng S, Jiang S, Xie S, Zhang B, Zhang H, Zhang J, et al. A machine learning approach to predicting postoperative recurrence in pediatric chronic rhinosinusitis: identification of key metabolic biomarkers. *Am J Otolaryngol - Head Neck Med Surg*. 2025;46(5):2–6.
 44. Liu K, Pereira N, Subramanian T, Chen X, Pearlman A, Maresh A. Microbiome of the Middle Meatus, Tonsils, and Adenoids in Pediatric Chronic Rhinosinusitis. *Otolaryngol - Head Neck Surg (United States)*. 2025;172(2):642–50.
 45. Makary CA, Hunt C, Cummins M, Ramadan HH. The Impact of Asthma on Quality of Life of Children With Chronic Rhinosinusitis. *Int Forum Allergy Rhinol*. 2025;15(7):737–9.
 46. Morgan E, Cunningham MJ, Adil EA. Phenotyping and Endotyping Pediatric Chronic Rhinosinusitis. *Otolaryngol - Head Neck Surg (United States)*. 2025;173(1):243–50.
 47. Adji I, Ayuningrum N, Ningtiyas D, Faqihuddin. Rhinosinusitis kronis yang diperberat dengan hipertrofi konka inferior di Indonesia. *Dunia*

- Kesehat. 2026;6604(1):23–32.
48. Wibowo E, Dermawan A, Sudiro M. Clinical Signs in Allergic Rhinitis Patients at Dr . Hasan Sadikin General Hospital Bandung 2017 – 2021. 2022;9(3):168–73.
 49. Oh E, Saghian O, Zar J, Osterbauer B, Ference EH. Hybrid Balloon-Assisted Endoscopic Sinus Surgery for Refractory Chronic Rhinosinusitis in a Pediatric Patient with Cystic Fibrosis: A Case Report. Ear, Nose Throat J. 2025;104(3):29–33.