

## DAFTAR PUSTAKA

1. Brook I. Acute sinusitis. Medscape. 2018. p. 4–15. Available from: <https://emedicine.medscape.com/article/232670-overview#a2>. Diakses Mei 2019
2. Fokkens WJ, Lund V, Mullol J, Bachert C, Baroody F, Thomas M, et al. European position paper on rhinosinusitis and nasal polyps. Rhinology: Official journal of the european and international societies. 2012 ; 50(23):1–298.
3. Benninger MS. Adult chronic rhinosinusitis: Definitions, diagnosis, epidemiology, and pathophysiology. Otolaryngol Head Neck Surg. 2003 ; 129(3):1–32.
4. Rosenfeld RM, Piccirillo JF, Chandrasekhar SS, Brook I, Ashok Kumar K, Kramper M, et al. Clinical practice guideline (update): Adult sinusitis. Otolaryngol - Head Neck Surg (United States). 2015 ; 152(2):1-38.
5. Beule AG. Epidemiology of chronic rhinosinusitis, selected risk factors, comorbidities and economic burden. Laryngorhinootologie. 2015 ; 94(1):2–5.
6. Depkes RI. Pola penyakit 50 peringkat utama menurut DTD pasien rawat jalan di Rumah Sakit Indonesia. 2003.
7. Assessment Indonesia (2012). Functional endoscopic sinus surgery di Indonesia. Health Technology Assessment Indonesia. Available from: <http://www.yanmedik.depkes.go>. Diakses Juni 2019
8. Budiman BJ, Rosalinda R. Bedah sinus endoskopi fungsional revisi ada rinosinusitis kronis. Available from: <http://tth.fk.unand.ac.id/makalah/83-bedah-sinus-endoskopi-fungsional-revisi-pada-rinosinusitis-kronis.html>. Diakses Mei 2019
9. Data Poli Sub Bagian Rinologi, Bagian THT FK Unand – RSUP dr. M.Djamil. Padang; 2014-2016.
10. Shi JB, Fu QL, Zhang H, Cheng L, Wang YJ, Zhu DD, et al. Epidemiology of chronic rhinosinusitis: Results from a cross-sectional survey in seven Chinese cities. Allergy Eur J Allergy Clin Immunol. 2015 ; 70(5):533–9.
11. Mangunkusumo E, Soetjipto D. Sinusitis. Dalam: Soepardi EA, Iskandar N, Bashiruddin J, Restuti RD, editors. Buku ajar ilmu kesehatan telinga hidung tenggorok kepala & leher. 7<sup>th</sup> eds. Jakarta: Balai Penerbit FKUI. 2012; p. 127–30.
12. Mulyarjo, editor. Diagnosis klinik rinosinusitis. Dalam: Naskah lengkap perkembangan terkini diagnosis dan penatalaksanaan rinosinusitis. Surabaya: Bagian Ilmu Kesehatan THT FK Unair/RS Dr. Soetomo; 2004.
13. Jebreel A, Wu K, Loke D, Stafford N. Chronic rhinosinusitis: Role of CT scans in the evaluation of paranasal sinuses. Internet J Otorhinolaryngol. 2012;6(2):1–3.
14. Amaruddin T, Kadriyan H, Iswarini AD, Oedono T, Yohanes, Asmoro. Hubungan antara derajat rinosinusitis berdasarkan gejala dan CT scan. ORLI. 2005;35(4):40–4.

15. Bubun J, Azis A, Akil A, Perkasa F. Hubungan gejala dan tanda rinosinusitis kronik dengan gambaran CT scan berdasarkan skor Lund-Mackay. *Laryngoscope*. 2006;1:1–12.
16. Perkasa DP. Variasi keluhan pasien rinosinusitis kronik yang datang ke Poli THT RSUP Dr. M. Djamil Padang berdasarkan task force yang dibentuk oleh the American Academy of Otolaryngic Allergy (AAOA) [Skripsi]. Padang: Universitas Andalas; 2016.
17. Busquets JM, Hwang PH. Nonpolypoid Rhinosinusitis: Classification, diagnosis and treatment. In: Bailey BJ, Johnson JT, Newlands SD, editors. Head & neck surgery – otolaryngology 1st. 4th ed. Philadelphia: Lippincott Williams & Wilkins; 2006. p. 406–16.
18. Benninger MS, Stokken J. Rhinosinusitis : Pathogenesis, treatment and complications. In: Flint PW, Haughey BH, Lund VJ, Niparko JK, Robbins T, Thomas R, et al., editors. Cummings otolaryngology. 6th ed. USA: Saunders, Philadelphia; 2015. p. 703–28.
19. Kern RC, Liddy W. Pathogenesis of chronic rhinosinusitis. In: Flint PW, Haughey BH, Lund VJ, Niparko JK, Robbins T, Thomas R, et al., editors. Cummings otolaryngology head and neck surgery 1st. 6th ed. USA: Saunders Elsevier; 2015. p. 714–22.
20. Heldin CH, Landström M, Mechanism of TGF-B signaling to growth arrest, apoptosis, and epithelial-mesenchymal transition. *Curr Opin Cell Biol*. 2009 ;21(2):166–76.
21. Jackman AH, Kennedy DW. Pathophysiology of sinusitis. In: Brook I, editor. Sinusitis from microbiology to management. New York: Taylor & Francis; 2006. p. 109–29.
22. Levine HL. Diagnosis and management of rhinosinusitis. In: Levine HL, Clemente MP, editors. Sinus surgery: Endoscopic and microscopic approaches. New York: Thime; 2005. p. 90-9.
23. Naclerio RM, Gungor A. Etiologic Factor in Inflammatory Sinus Disease. In: Kennedy DW, Bolger WE, Zinreich SJ, editors. Diseases of the sinuses: Diagnosis and management. Hamilton, London: BC Decker Inc; 2001. p. 47–53.
24. Johnson JT, Rosen CAb, Bailey J, editors. Bailey's head and neck surgery: Otolaryngology. 5th ed. Philadelphia : Lippincott Williams& Wilkins; 2014. p. 535–549.
25. Fokkens W, Lund V, Bachert C, Clement P, Helllings P, Holmstrom M. EAACI position paper on rhinosinusitis and nasal polyps. *Allergy*. 2005; 66:583–601.
26. Ballenger JJ. Infeksi sinus paranasal. In: Ballenger JJ, editor. Penyakit telinga, hidung, tenggorok, kepala, dan leher Jilid 1. 13th ed. Jakarta: Bina Rupa Aksara; 1994. p. 232–46.
27. Schubert CR, Cruickshanks KJ, Klein BEK, Nondahl DM. Factors. 2012; 121(4):873–8.
28. Meltzer EO, Hamilos DL. Rhinosinusitis diagnosis and management for the clinician: A synopsis of recent consensus guidelines. NCBI. 2011; 86(5):429–35.

29. Slavin RG, Spector SL, Bernstein IL, Kaliner MA, Kennedy DW, Virant FS, et al. The diagnosis and management of sinusitis: A practice parameter update. *J Allergy Clin Immunol.* 2005;116(6):13–47.
30. Soepardi EA. Pemeriksaan telinga, hidung, tenggorok kepala dan leher. Dalam: Soepardi EA, Iskandar N, Bashiruddin J, Restuti RD, editors. Buku ajar ilmu kesehatan telinga hidung tenggorok kepala & leher. 7<sup>th</sup> eds. Jakarta: Balai Penerbit FK UI; 2007. p. 1–6.
31. Eccles R. Anatomy and physiology of the nose and control of nasal airflow. In: Bachert C, Calus L, Gevaert P, editors. Middleton's allergy: Principles and practice 1st. 8th ed. China: Mosby Elsevier; 2013. p. 701–14.
32. Kishore K, Badial V, Luthra D, Jamwal PS. Pattern of abnormal findings in adult with nasal obstruction on rhinoscopy and nasal endoscopy. JK Science. 2012;14(3):125–8.
33. Marple BF, Stankiewicz JA, Baroody FM, Chow JM, Conley DB, Corey JP, et al. Diagnosis and management of chronic rhinosinusitis in adults. *Postgrad Med.* 2009;121(6):121–39.
34. Soetjipto D, Mangunkusumo E. Sinus paranasal. In: Soepardi EA, Iskandar N, Bashiruddin J, Restuti RD, editors. Buku ajar ilmu kesehatan telinga hidung tenggorok Kepala & leher. 7<sup>th</sup> eds. Jakarta: Balai Penerbit FK UI; 2012. p. 122–6.
35. Agius AM. Chronic sinusitis in Malta-correlation between symptoms and CT scan. 2010;48(1):59–64.
36. Chen JJ, Chen DL, Chen CJ. The Lund-Mackay score for adult head and neck computed tomography. *Chinese J Radiol.* 2011;36(4):203–8.
37. Mulyarjo, editor. Terapi medikamentosa pada rinosinusitis. Dalam: Naskah lengkap perkembangan terkini diagnosis dan penatalaksanaan rinosinusitis. Surabaya: Bagian Ilmu Kesehatan THT FK Unair/RS Dr. Soetomo; 2004.
38. Trimartani, Hermani B, Dharmabakti USD, editors. Panduan praktik klinis, panduan praktis klinis tindakan, dan clinical pathway. PERHATI-KL; Jakarta: Pengurus Pusat PERHATI-KL; 2015.
39. Chiu AG, Becker DG. Medical management of chronic rhinosinusitis. In Brook I, editors. Sinusitis from microbiology to management. New York: Taylor & Francis; 2006. p. 219–229.
40. O'Handley JG, Tobin EJ, Shah AR. Textbook of family medicine. In: Rakel RE, Rakel DP, editors. 9<sup>th</sup> eds. Philadelphia: Elsevier Health Sciences; 2016. p. 328–35.
41. Hurrahmah M. Gambaran variasi anatomi pada hasil ct-scan sinus paranasal pasien rinosinusitis kronik di Poli Rinologi THT-KL RSUP Dr. M. Djamil Padang tahun 2015-2017 [Skripsi]. Padang: Universitas Andalas; 2019.
42. Rosenfeld RM, Andes D, Bhattacharyya N, Cheung D, Eisenberg S, Ganiats TG, et al. Clinical practice guideline: Adult sinusitis. *Otolaryngol - Head Neck Surg.* 2007;137(3):1–31.
43. Hwang PH, Irwin SB, Griest SE, Caro JE, Nesbit GM. Radiologic correlates of symptom-based diagnostic criteria for chronic rhinosinusitis. *Otolaryngol - Head Neck Surg.* 2003;128(4):489–96.

44. Fokkens W, Lund V, Bachert C, Clement P, Helllings P, Holmstrom M, et al. EAACI European position paper on rhinosinusitis and nasal polyps participants. 2010 ; 47–52.
45. Scadding GK, Durham SR, Mirakian R, Jones NS, Drake-Lee AB, Ryan D, et al. BSACI guidelines for the management of rhinosinusitis and nasal polyposis. Clin Exp Allergy. 2008;38(2):260–75.
46. Dahlan MS. Langkah-langkah membuat proposal penelitian bidang kedokteran dan kesehatan. 2<sup>nd</sup> eds. Jakarta: Sagung Seto; 2016.
47. Dahlan MS. Besar sampel dan cara pengambilan sampel dalam penelitian kedokteran dan kesehatan. 3<sup>th</sup> eds. Jakarta: Salemba Medika; 2010.
48. Trihastuti H, Budiman BJ. Artikel penelitian profil pasien rinosinusitis kronik di Poliklinik THT-KL RSUP Dr. M. Djamil. JKA. 2012;4(3):877–82.
49. Dewi PKYE, Setiawan P, Sutanegara SWD. Karakteristik penderita rinosinusitis kronis yang rawat jalan Di Poli THT-KL RSUP Sanglah Denpasar Tahun 2016. JMU. 2018;7(12):1-10
50. Cho SH, Kim DW, Lee SH, Kolliputi N, Hong SJ, Suh L, et al. Age-related increased prevalence of asthma and nasal polyps in chronic rhinosinusitis and its association with altered IL-6 trans-signaling. 2015;53(5):601–6.
51. Multazar A. Karakteristik penderita rinosinusitis kronis di RSUP H. Adam Malik Medan tahun 2008. Available form: <http://repository.usu.ac.id/bitstream/handle/123456789/24573/Cover.pdf?sequence=7&isAllowed=y>. Diakses Januari 2020.
52. Amelia NL, Zuleika P, Utama DS. Prevalensi rinosinusitis kronik di RSUP Dr. Mohammad Hoesin Palembang Tahun 2016. MKS. 2007;4(2):1-9
53. Kurniasih C, Ratnawati LM. Distribusi penderita rinosinusitis kronis yang menjalani pembedahan di RSUP Sanglah Denpasar. MEDICINA. 2019;50(1):133–7.
54. Hani U. Karakteristik pasien rinosinusitis kronis dengan polip hidung di RSUP DR. M. Djamil Padang tahun 2011-2015 [Skripsi]. Padang: Univesitas Andalas; 2017.
55. Bachert C, Pawankar R, Zhang L, Bunnag C, Fokkens WJ, Hamilos DL, et al. Chronic rhinosinusitis. Ugeskr Laeger. 2018;180(47):1–28.
56. Tamashiro E, Cohen NA, James N, Terezinha W, Lima A. Effects of cigarette smoking on the respiratory epithelium and its role in the pathogenesis of chronic rhinosinusitis. Braz J Otorhinolaryngol. 2009;75(6):903–7.
57. Capitanescu AN. Clinical, histological, and immunohistochemical updates on chonic rhinosinusitis. Medicine and Pharmacy Craiova Doctoral School; 2014. Available form: <http://www.umfcv.ro/files/c/l/Clinical,%20histological%20and%20immunohistochemical%20updates%20on%20chronic%20rhinosinusitis.pdf>. Diakses Januari 2020
58. Metcalfe W, Moorhouse T. Rhinosinusitis and its treatment. Pharm J. 2012 ; 289(7733):599–602.
59. Nasution M. Frekuensi penderita rinosinusitis maksila kronis yang disebabkan infeksi jamur. MKN. 2007;7(3):49-54.

60. Arivalagan P, Rambe A. Gambaran rinosinusitis kronis di RSUP Haji Adam Malik. MKN. 2011;1(1).
61. Soetjipto D, editor. Berbagai aspek sinusitis dan hubungan dengan alergi. In: dalam kumpulan naskah simposium nasional perkembangan terkini penatalaksanaan beberapa penyakit penyerta rinitis alergi. 2006.
62. Husni T, Pradista A. Faktor predisposisi terjadinya rinosinusitis kronik di Poliklinik THT-KL RSUD dr. Zainoel Abidin Banda Aceh. JKS. 2012;12(3):132–7.
63. Riana D, Dermawan A, Wijana W, Saifuddin OM. Chronic rhinosinusitis patient with nasal polyp characteristics at otorhinolaryngology-head and neck surgery outpatient clinic, Dr. Hasan Sadikin General Hospital, Bandung. Int J Integr Heal Sci. 2016;4(2):62–6.
64. Budiman BJ, Asyari A. Diagnosis dan penatalaksanaan rinosinusitis dengan polip nasi. Available from: <http://tth.fk.unand.ac.id/makalah/66-diagnosis-dan-penatalaksanaan-rhinosinusitis-dengan-polip-nasi.html>. Diakses Januari 2020
65. Chojnowska S, Kępka A, Waszkiewicz N, Kołodziejczyk ZP, Konarzewska DE, Ościłowicz K, et al. Etiopathogenesis of nasal polyps. Acta Med Croatica. 1993;47(2):81–4.
66. Lubis N. Profil penderita rinosinusitis kronis di RSUP Haji Adam Malik Medan tahun 2013. Available from: <http://repository.usu.ac.id/handle/123456789/43261>. Diakes Januari 2020
67. Gultom J. Gambaran karakteristik penderita rinosinusitis kronik di RSUD Dr. Pirngadi Medan Tahun 2014 [Skripsi]. Medan: Universitas HKBP Nommensen; 2014.
68. Sitinjak N, Sorimuda, Hiswani. Karakteristik penderita rinosinusitis kronik di Rumah Sakit Santa Elisabeth Medan Tahun 2011-2015 [Skripsi]. Medan: Universitas Sumatera Utara; 2016.
69. Septiawati M. Hubungan infeksi gigi rahang atas dengan kejadian rinosinusitis maksilaris di Rumah Sakit Umum Daerah Raden Mattaher Jambi. JJM. 2013;1(1):9-20.
70. Indriany S, Munir D, Rambe AYM, Adnan A, Yunita R, Sarumpaet S. Proporsi karakteristik penderita rinosinusitis kronis dengan kultur jamur positif. ORLI. 2015;46(1):29-33.
71. Harahap A. Profil pasien rinosinusitis kronik di Poliklinik THT-KL RSUP Haji Adam Malik [Skripsi]. Medan: Universitas Sumatera Utara; 2018.
72. Soetjipto D, Mangunkusumo E, Wardani retno S. Sumbatan hidung. Dalam: Soepardi EA, Iskandar N, Bashiruddin J, Restuti RD, editors. Buku Ajar Ilmu Kesehatan Telinga Hidung Tenggorok Kepala & Leher. 7<sup>th</sup> Ed. Jakarta: Balai Penerbit FK UI; 2012. p. 96–100.
73. Setiadi M. Analisis hubungan antara gejala klinik, lama sakit, skin prick test, jumlah eosinofil dan neutrofil mukosa sinus dengan indeks lund-mackay CT-Scan sinus paranasal penderita rinosinusitis kronik. Available from: <http://eprints.undip.ac.id/24724/>. Diakses Oktober 2019