

## DAFTAR PUSTAKA

- Akil, M.A., Perkasa, M.F., Punagi, A.Q., Hariyanto, B., Usman, A.N., 2017. Correlation between septal body and quality of life based on sinonasal outcome test 20 (SNOT-20). *J. Med. Sci.* 17, 162–166. <https://doi.org/10.3923/jms.2017.162.166>
- Amodu, E.J., Fasunla, A.J., Akano, A.O., Olusesi, A.D., 2014. Chronic rhinosinusitis: Correlation of symptoms with computed tomography scan findings. *Pan Afr. Med. J.* 18, 1–6. <https://doi.org/10.11604/pamj.2014.18.40.2839>
- Arango, P., Kountakis, S.E., 2001. Significance of computed tomography pathology in chronic rhinosinusitis. *Laryngoscope* 111, 1779–1782. <https://doi.org/10.1097/00005537-200110000-00022>
- Arvin Sazgar, A., Massah, J., Sadeghi, M., Bagheri, A., Rasool, F., 2008. The incidence of concha bullosa and the correlation with nasal septal deviation. *B-ENT* 4, 87–91.
- Balikci, H.H., Mustafa Gurdal, M., Celebi, S., Ozbay, I., Karakas, M., 2016. Relationships among concha bullosa, nasal septal deviation, and sinusitis: Retrospective analysis of 296 cases. *Ear, Nose Throat J.* 95, 487–491. <https://doi.org/10.1177/014556131609501209>
- Basu, S., Georgalas, C., Kumar, B.N., Desai, S., 2005. Correlation between symptoms and radiological findings in patients with chronic rhinosinusitis: An evaluation study using the Sinonasal Assessment Questionnaire and Lund-Mackay grading system. *Eur. Arch. Oto-Rhino-Laryngology* 262, 751–754. <https://doi.org/10.1007/s00405-004-0891-0>
- Batisti, A., Pangia, J., 2020. Sinusitis. *Eurpe PMC* 1–6.
- Bhandary, S.K., Kamath, P.S.D., 2009. Study of relationship of concha bullosa to nasal septal deviation and sinusitis. *Indian J. Otolaryngol. Head Neck Surg.* 61, 227–229. <https://doi.org/10.1007/s12070-009-0072-y>
- Bolger, W.E., Butzin, C.A., Parsons, D.S., 1991. Paranasal Sinus Bony Anatomic Variations and Mucosal Abnormalities. *Laryngoscope* 101, 56–64. <https://doi.org/10.1288/00005537-199101000-00010>
- Brai, A.E., Oluleke, P., 2020. Plain Radiography versus Computed Tomography Scan in Evaluation of Adults with Chronic Rhinosinusitis in Zaria , Nigeria. *J. Radiat. Med. Trop.* 1, 8–12. <https://doi.org/10.4103/JRMT.JRMT>
- Brooks, S.G., Trope, M., Blasetti, M., Doghramji, L., Parasher, A., Glicksman, J.T., Kennedy, D.W., Thaler, E.R., Cohen, N.A., Palmer, J.N., Adappa, N.D., 2018. Preoperative Lund-Mackay computed tomography score is associated with preoperative symptom severity and predicts quality-of-life outcome trajectories after sinus surgery. *Int. Forum Allergy Rhinol.* 8, 668–675. <https://doi.org/10.1002/alr.22109>
- Campbell, P.D., Zinreich, S.J., Aygun, N., 2009. Imaging of the Paranasal Sinuses and In-Office CT. *Otolaryngol. Clin. North Am.* 42, 753–764.

<https://doi.org/10.1016/j.otc.2009.08.015>

- Chen, Y., Dales, R., Lin, M., 2003. The epidemiology of chronic rhinosinusitis in Canadians. *Laryngoscope* 113, 1199–1205. <https://doi.org/10.1097/00005537-200307000-00016>
- Dahlan, S., 2010a. *Besar Sampel Dan Cara Pengambilan Sampel*, 3rd ed. Salemba Medika, Jakarta.
- Dahlan, S., 2010b. *Statistik Untuk Kedokteran Dan Kesehatan*, 3rd ed. Salemba Medika, Jakarta.
- de Araújo Neto, S.A., Baracat, E.C.E., Felipe, L.F., 2010. A new score for tomographic opacification of paranasal sinuses in children. *Braz. J. Otorhinolaryngol.* 76, 491–498. <https://doi.org/10.1590/S1808-86942010000400014>
- Deosthale, N. V., Khadakkar, S.P., Harkare, V. V., Dhoke, P.R., Dhote, K.S., Soni, A.J., Katke, A.B., 2017. Diagnostic Accuracy of Nasal Endoscopy as Compared to Computed Tomography in Chronic Rhinosinusitis. *Indian J. Otolaryngol. Head Neck Surg.* 69, 494–499. <https://doi.org/10.1007/s12070-017-1232-0>
- Dietz de Loos, D., Lourijsen, E.S., Wildeman, M.A.M., Freling, N.J.M., Wolvers, M.D.J., Reitsma, S., Fokkens, W.J., 2019. Prevalence of chronic rhinosinusitis in the general population based on sinus radiology and symptomatology. *J. Allergy Clin. Immunol.* 143, 1207–1214. <https://doi.org/10.1016/j.jaci.2018.12.986>
- Dolan, K.D., 1938. Paranasal Sinus Radiology, Part IA: Introduction and The Frontal Sinuses. *Head Neck Surg.* 301–311. <https://doi.org/https://doi.org/10.1002/hed.2890040407>
- El-Taher, M., AbdelHameed, W.A., Alam-Eldeen, M.H., Haridy, A., 2019. Coincidence of Concha Bullosa with Nasal Septal Deviation; Radiological Study. *Indian J. Otolaryngol. Head Neck Surg.* 71, 1918–1922. <https://doi.org/10.1007/s12070-018-1311-x>
- Erdogan, E., Fidan, V., Giritli, E., 2016. Radiologic Imaging in Chronic Sinusitis [WWW Document]. SMGroup. URL [www.smgebooks.com](http://www.smgebooks.com) (accessed 10.10.20).
- Fadda, G.L., Rosso, S., Aversa, S., Petrelli, A., Ondolo, C., Succo, G., 2012. Multiparametric statistical correlations between paranasal sinus anatomic variations and chronic rhinosinusitis. *Acta Otorhinolaryngol. Ital.* 32, 244–51.
- Gede Wardana, I.N., 2017. *Rhinosinusitis Kronis, Rhinosinusitis Kronis*. Bali.
- Harowi, Roikhan, M., Soekardono, S., 2007. Kualitas hidup penderita Rinosinusitis kronik pasca terapi bedah. *Gadjah Mada*.
- Hatipoğlu, H.G., Çetin, M.A., Yüksel, E., 2005. Concha bullosa types: Relationship with sinusitis, ostiomeatal and frontal recess disease. *Diagnostic Interv. Radiol.* 11, 145–149.
- Hopkins, C., Browne, J.P., Slack, R., Lund, V., Brown, P., 2007. The Lund-Mackay staging system for chronic rhinosinusitis: How is it used and what does it predict? *Otolaryngol. - Head Neck Surg.* 137, 555–561. <https://doi.org/10.1016/j.otohns.2007.02.004>
- Indrawaty, L.P.L., 2016. *Rinosinusitis Kronis : Problem Kesehatan Hari Ini*. Fak. Kedokt.

Kesehat. Masy. dan Keperawatan 1–5.

- Javadrashid, R., Naderpour, M., Asghari, S., Fouladi, D.F., Ghojzadeh, M., 2014. Concha bullosa, nasal septal deviation and paranasal sinusitis; a computed tomographic evaluation. *B-ENT* 10, 291–298.
- Koo, S.K., Kim, J.D., Moon, J.S., Jung, S.H., Lee, S.H., 2017. The incidence of concha bullosa, unusual anatomic variation and its relationship to nasal septal deviation: A retrospective radiologic study. *Auris Nasus Larynx* 44, 561–570. <https://doi.org/10.1016/j.anl.2017.01.003>
- Lund, V.J., Kennedy, D.W., 1997. Staging for rhinosinusitis. *Otolaryngol. Head Neck Surg.* 117, S35–S40. [https://doi.org/10.1016/S0194-5998\(97\)70005-6](https://doi.org/10.1016/S0194-5998(97)70005-6)
- Madani, S.A., Hashemi, S.A., Modanluo, M., 2015. The incidence of nasal septal deviation and its relation with chronic rhinosinusitis in patients undergoing functional endoscopic sinus surgery. *J. Pak. Med. Assoc.* 65, 612–614.
- Mafee, M.F., Tran, B.H., Chapa, A.R., 2006. Imaging of rhinosinusitis and its complications: Plain film, CT, and MRI. *Clin. Rev. Allergy Immunol.* 30, 165–185. <https://doi.org/10.1385/CRIAI:30:3:165>
- Moore, K.L., Dalley, A.F., Agur, A.M.R., 2018. Clinically Oriented Anatomy 8th, 8th ed, Wolters Kluwer. Wolters Kluwer Health, China.
- Morse, J.C., Li, P., Ely, K.A., Shilts, M.H., Wannemuehler, T.J., Huang, L.C., Sheng, Q., Chowdhury, N.I., Chandra, R.K., Das, S.R., Turner, J.H., 2019. Chronic rhinosinusitis in elderly patients is associated with an exaggerated neutrophilic proinflammatory response to pathogenic bacteria. *J. Allergy Clin. Immunol.* 143, 990-1002.e6. <https://doi.org/10.1016/j.jaci.2018.10.056>
- Mossa-Basha, M., Blitz, A.M., 2013. Imaging of the Paranasal Sinuses. *Semin. Roentgenol.* 48, 14–34. <https://doi.org/10.1053/j.ro.2012.09.006>
- Neskey, D., Eloy, J.A., Casiano, R.R., 2009. Nasal, Septal, and Turbinate Anatomy and Embryology. *Otolaryngol. Clin. North Am.* 42, 193–205. <https://doi.org/10.1016/j.otc.2009.01.008>
- Nurmalasari, Y., Nuryanti, D., Kedokteran, F., Malahayati, U., Kedokteran, F., Malahayati, U., 2017. Faktor-Faktor Prognostik Kesembuhan Pengobatan Medikamentosa Rinosinusitis Kronis Di Poli Tht RSUD a. Dadi Tjokrodipo Bandar Lampung Tahun 2017. Malahayati.
- Rajashree, Ali, F.A., Deepthi, P., Viswanatha, B., 2018. Impact of Concha Bullosa on Osteomeatal Complex Drainage and Septal Deviation. *Res. Otolaryngol.* 7, 1–4. <https://doi.org/10.5923/j.otolaryn.20180701.01>
- Sastroasmoro, S., Sofyan Ismael, 2011. Dasar-dasar Metodologi Penelitian Klinis, 4th ed. Sagung Seto, Jakarta.
- Shiekh, Y., Ali, A., Abdul, Q., Bhat, I., Ali, S., 2017. Concha Bullosa and Its Association

With Dns and Sinusitis. Int. J. Adv. Res. 5, 362–367.  
<https://doi.org/10.21474/ijar01/5539>

Siboro, S.M., Dwidanarti, S.R., 2015. Korelasi Antara Concha Bullosa dengan Penebalan Mukosa Sinus Maxillaris pada Pasien yang Dilakukan Pemeriksaan Multi Slice Computed Tomography Scan Potongan Axial. Gadjah Mada.

Snell, R.S., 2002. Anatomi Klinis Berdasarkan Sistem, 1st ed. EGC, Jakarta.

Stallman, J.S., Lobo, J.N., Som, P.M., 2004. The incidence of concha bullosa and its relationship to nasal septal deviation and paranasal sinus disease. Am. J. Neuroradiol. 25, 1613–1618.

Uygur, K., Tüz, M., Doğru, H., 2003. The correlation between septal deviation and concha bullosa. Otolaryngol. - Head Neck Surg. 129, 33–36. [https://doi.org/10.1016/S0194-5998\(03\)00479-0](https://doi.org/10.1016/S0194-5998(03)00479-0)

Wyler, B., Mallon, W.K., 2019. Sinusitis Update. Emerg. Med. Clin. North Am. 37, 41–54. <https://doi.org/10.1016/j.emc.2018.09.007>

Yigit, O., Acioglu, E., Cakir, Z.A., S, A.S., B., A.Y., 2010. Concha Bullosa and Septal Deviation. Eur Arch Otorhinolaryngol. 1397–1401. <https://doi.org/10.1007/s00405-010-1228-9>

Zinreich, S.J., Mattox, D.E., Kennedy, D.W., Chisholm, H.L., Diffley, D.M., Rosenbaum, A.E., 1988. Concha Bullosa : CT Evaluation. J. Comput. Assist. Tomogr. 12, 778–784. <https://doi.org/10.1097/00004728-198809010-00012>