

## DAFTAR PUSTAKA

- Arora M, Ali S, Choudhary AK, Gopal K, 2016. Effects of deviated nasal septum on sinus mucosa: a cadaveric study. **Int J Sci Stud** 3(112):248-51.
- Baroody FM, 2007. Mucociliary transport in chronic rhinosinusitis. In: Hamilos DL, Baroody FM, eds. Chronic rhinosinusitis. New York: Informa healthcare. pp. 103-16.
- Berger G, Hammel I, Berger R, Avraham S, Ophir D, 2000. Histopathology of the inferior turbinate with compensatory hypertrophy in patients with deviated nasal septum. **Laryngoscope** 110:210-5.
- Berkiten, et al, 2016. Effect of deviated nasal septum type on nasal mucociliary clearance, olfactory function, quality of life, and efficiency of nasal surgery. **J Craniofac Surg** 27:151–5.
- Beule A, 2015. Epidemiology of chronic rhinosinusitis, selected risk factors, comorbidities, and economic burden. **GMS Curr Top Otorhinolaryngol Head Neck Surg** 14:11-5.
- Budiman BJ, Asyari A, 2012. Pengukuran sumbatan hidung pada deviasi septum nasi. **Jurnal kesehatan Andalas** 1(1):16-21.
- Chalabi YE, Khadim H, 2010. Clinical manifestations in different types of nasal septal deviation. **The N Iraqi J Med** 6(3):24-9.
- Chandra SBC, Bylappa K, 2018. A comparative study of effect of deviated nasal septum on nasal mucociliary clearance and to comprehend the effect of septal and turbinate surgeries on restoring the mucociliary clearance. **Int J Otorhinolaryngol Head Neck Surg** 4(3):764-9.
- Cingi C, et al, 2014. International study of the incidence of particular types of septal deformities in chronic rhinosinusitis patients: the outcomes from five countries. **Am J Rhinology Allergy** 28:404-13.
- Deborah S, Prathibha KM, 2014. Measurement of nasal mucociliary clearance. **Clin Res Pulmonol** 2:204–9.
- Electronic Medical Record (EMR) RSUD Dr. Soetomo, Instalasi Rawat Jalan Telinga Hidung Tenggorok Kepala-Leher Periode 2018.
- Gudis DA, Cohen NA, 2010. Cilia dysfunction. **Otolaryngologic Clinics of North America** 43(3):461-72.
- Harar RPS, Chada NK, Rogers G, 2004. The role of septal deviation in adult chronic rhinosinusitis: a study of 500 patients. **Rhinology** 42:126-30.

- Hatipoglu HG, Cetin MA, Yuksel E, 2005. Concha bullosa types: their relationship with sinusitis, ostiomeatal and frontal recess disease. **Diagn Interv Radiol** 11:145-9.
- Hayran M, 2013. Electron microscopy and the nose. In: Onerci TM, ed. Nasal physiology and pathophysiology of nasal disorders. Berlin: Springer. pp. 419-36.
- Harun SR, Putra ST, Chair I, Sastroasmoro S, 2011. Uji klinis. Dalam (Sastroasmoro S, Ismael S, eds). Dasar-dasar metodologi penelitian klinis, edisi keempat, Jakarta: CV. Sagung Seto, hal 187-217.
- Husein A, Karyomanggolo WT, Musa DA, Boediarso A, Oesman IN, Idris NS, 2011. Desain penelitian. Dalam (Sastroasmoro S, Ismael S, eds). Dasar-dasar metodologi penelitian klinis, edisi keempat, Jakarta: CV. Sagung Seto, hal 104-128.
- Jang YJ, Myong NH, Park KH, Koo TW, Kim HG, 2002. Mucociliary transport and histologic characteristics of the mucosa of deviated nasal septum. **Arch Otolaryngol Head Neck Surg** 128:421-4.
- Jorissen M, Jaspers M, 2013. Cilia, ciliary movement, and mucociliary transport. In: Onerci TM, ed. Nasal physiology and pathophysiology of nasal disorders. Berlin: Springer. pp. 15-24.
- Kamani T, Yilmaz T, Surucu S, Bajin MD, Gunaydin RO, Kuscu O, 2014. Histopathological changes in nasal mucosa with nasal septum deviation. **Eur Arch Otorhinolaryngol** 271(11):269-74.
- Kern RC, Decker JR, 2013. Functional defense mechanisms of the nasal respiratory epithelium. In: Onerci TM, ed. Nasal physiology and pathophysiology of nasal disorders. Berlin: Springer. pp. 27-41.
- Kridel R, O'Brien AS, 2015. Nasal septum. In: Flint PW, et al., eds. Cumming's otolaryngology-head and neck surgery, Philadelphia: Saunders Elsevier Inc. pp.474-92.
- Kumar L, Belaldavar BP, Bannur H, 2017. Influence of deviated nasal septum on nasal epithelium: an analysis. **Head and Neck Pathol** 1:501-5.
- Madani SA, Hashemi SA, 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(6):612-4.
- Mariappan RG, et al., 2014. Clinico-pathological correlation and the effects of septal surgery on nasal mucociliary clearance. **Scholars Journal of Applied Medical Sciences** 2(5C):191-5.

- Mladina R, Cujic E, Subaric M, Vukovic K, 2008. Nasal septal deformities in ear, nose, and throat patients: an international study. **American Journal of Otolaryngology–Head and Neck Medicine and Surgery** 29:75– 82.
- Mohapatra SSG, Sahu N, Rath SN, Sahu MC, Padhy RN, 2017. Significance of relationship between anatomical variants of middle turbinate and nasal septum in recurrent acute rhinosinusitis patients. **Int J Otorhinolaryngol Head Neck Surg** 3:569- 75.
- Mundra RK, Gupta Y, Sinha R, Gupta A, 2014. CT Scan study of influence of septal angle deviation on lateral nasal wall in patients of chronic rhinosinusitis. **Indian J Otolaryngol Head Neck Surg** 66(2):187-90.
- Neskey D, Eloy JA, Casiano RR, 2009. Nasal, septal, and turbinate anatomy and embryology. **Otolaryngol Clin N Am** 42:193–205.
- Orlandi RR, 2010. A Systematic Analysis of Septal Deviation Associated With Rhinosinusitis. **Laryngoscope** 120(8):187–95.
- Poje G, et al, 2014. Nasal septal deformities in chronic rhinosinusitis patients: clinical and radiological aspects. **Acta Otorhinolaryngol Ital** 34:117-22.
- Polat C, Dostbil Z, 2010. Evaluation of the nasal mucociliary transport rate by rhinoscintigraphy before and after surgery in patients with deviated nasal septum. **Eur Arch Otorhinolaryngol** 267(4):529–35.
- Poorey VK, Gupta N, 2014. Endoscopic and computed tomographic evaluation of influence of nasal septal deviation on lateral wall of nose and its relation to sinus diseases. **Indian J Otolaryngol Head and Neck Surg** 66(3):330–5.
- Rao JJ, Kumar EC, Babu KR, Chowdary VS, Singh J, Rangamani SV, 2005. Classification of nasal septal deviations-relation to sinonasal pathology. **Indian J of Otolaryngol and Head and Neck Surg** 57(3):786-90.
- Sarafoleanu C, Mezei AN, 2014. Is there any relationship between septal deformities and chronic rhinosinusitis. **Romanian Journal of Rhinology** 4(13):421-6.
- Sastroasmoro S, 2011. Dalam (Sastroasmoro S, Ismael S, eds). Dasar-dasar metodologi penelitian klinis, edisi keempat, Jakarta: CV.Sagung Seto, hal 12-102.
- Serifoglu I, Ilker I, Damar M, Buyukysal MC, Tosun A, Tokgoz O, 2017. Relationship between the degree and direction of nasal septum deviation and nasal bone morphology. **Head & Face Medicine** 13:3-9.
- Seyhan A, Ozaslan U, Azden S, 2008. Three-dimentional modelling of nasal septal deviation. **Annals of Plastic Surgery** 60:157-61.

- Shah DR, Salamone FN, Tami TA, 2008. Acute & chronic rhinosinusitis. In: Lalwani AK, ed. Current diagnosis and treatment in otolaryngology – head and neck surgery, New York: Mc Graw Hill. pp.273-81.
- Shimizu T, 2013. Mucus, goblet cell, submucosal gland. In: Onerci TM, ed. Nasal physiology and pathophysiology of nasal disorders. Berlin: Springer. pp. 1-11.
- Shoib SM, Viswanatha B, 2016. Association between symptomatic deviated nasal septum and sinusitis: a prospective study. **Otolaryngology** 5(1):1-8.
- Suhandoko LP, 2017. Hubungan antara deviasi septum nasi dengan rinosinusitis: karya tulis ilmiah. Program studi Pendidikan dokter Fakultas Kedokteran Universitas Airlangga Surabaya, hal.31-46.
- Teixeira J, Cortal V, Chang ET, Camacho M, 2015. Nasal Septal Deviations: A Systematic Review of Classification Systems. **Plastic Surgery International**:1-8.
- Walsh WE, Korn RC, 2006. Sinonasal anatomy, function, and evaluation. In: Bailey BJ, Johnson JT, eds. Head and Neck Surgery-Otolaryngology, 4<sup>th</sup> edition, Philadelphia: Lippincott Williams & Wilkins. pp.307-34.
- Yigit O, et al, 2005. Changes occurring in the nasal mucociliary transport in patients with one-sided septum deviation. **Rhinology** 4:495-8.