

DAFTAR PUSTAKA

- Agarwal, A. K., Raja, A., & Brown, B. D, 2023, Chronic Obstructive Pulmonary Disease. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK559281/>, diakses pada tanggal 12 November 2023.
- Agil, P., Salam, A., & Wicaksono, A, 2013, Hubungan Antara Paparan Asap Rokok Dan Frekuensi Terjadinya Eksaserbasi Asma Pada Pasien Asma Yang Berobat Ke RSUD Dr Soedarso. *Jurnal Mahasiswa Fakultas Kedokteran Untan*, 1(1), 192881. <https://www.neliti.com/id/publications/192881/>, diakses tanggal 21 Oktober 2023.
- Alaydrus, S., 2020, Analisis biaya pengobatan penyakit paru obstruktif kronik pasien rawat inap rumah sakit umum daerah kabupaten sukoharjo. *Jurnal Ilmiah Farmasi Farmasyifa*, 3(1):51-61.
- Andayani, T.M., 2013, *Farmakoekonomi Prinsip Dan Metodologi*, Bursa Ilmu, Yogyakarta.
- Barnes, P. J., & Celli, B. R, 2009, Systemic manifestations and comorbidities of COPD. *European Respiratory Journal*, 33(5), 1165–1185. <https://doi.org/10.1183/09031936.00128008>, diakses tanggal 22 Oktober 2023.
- CDC. ,2021, *Chronic Obstructive Pulmonary Disease (COPD)*, <https://www.cdc.gov/copd/index.html>, diakses tanggal 20 Oktober 2023.
- Charlson Comorbidity Index (CCI). (n.d.). Retrieved June 30, 2024, from <https://www.mdcalc.com/calc/3917/charlson-comorbidity-index-cci>.
- Chatila, W. M., Thomashow, B. M., Minai, O. A., Criner, G. J., & Make, B. J, 2008, Comorbidities in chronic obstructive pulmonary disease. *Proceedings of the American Thoracic Society*, 5(4), 549–555. <https://doi.org/10.1513/PATS.200709-148ET>, diakses tanggal 27 Oktober 2023.
- COPD Assessment Test, 2022, *Chronic Obstructive Pulmonary Disease User Guide*, GlaxoSmithKline, United Kingdom.
- Decramer, M., & Janssens, W, 2013, Chronic obstructive pulmonary disease and comorbidities. *The Lancet Respiratory Medicine*, 1(1), 73–83. [https://doi.org/10.1016/S2213-2600\(12\)70060-7](https://doi.org/10.1016/S2213-2600(12)70060-7), diakses tanggal 27 Oktober 2023.
- Dempsey, T. M., & Scanlon, P. D, 2018, Pulmonary Function Tests for the Generalist: A Brief Review. *Mayo Clinic proceedings*, 93(6), 763–771. <https://doi.org/10.1016/J.MAYOCP.2018.04.009>, diakses tanggal 20 Oktober 2023.

- DiPiro, Yee, G. C., Posey, L. M., 2020, *Pharmacotherapy A Pathophysiology Approach*, Eleventh Ed.,
- Djajakusumah, T. S., Firmansyah Sumantri, A., Dokter, P., & Kedokteran, F, 2015, Hubungan Komorbid Penyakit Kardiovaskular dengan Lama Rawat Inap pada Penderita Penyakit Paru Obstruktif Kronis di Rsud Al-Ihsan Periode Januari â€“ Desember 2014. *Prosiding Pendidikan Dokter*, 0(0), 545–551. <https://doi.org/10.29313/KEDOKTERAN.V0I0.1314>, diakses tanggal 3 November 2023.
- Echave-Sustaeta, J. M., Comeche Casanova, L., Cosio, B. G., Soler-Cataluña, J. J. ose, Garcia-Lujan, R., & Ribera, X, 2014, Comorbidity in chronic obstructive pulmonary disease. Related to disease severity? *International Journal of Chronic Obstructive Pulmonary Disease*, 9(1), 1307–1314. <https://doi.org/10.2147/COPD.S71849>, diakses tanggal 4 November 2023.
- Ejiofor, S., & Turner, A. M, 2013, Pharmacotherapies for COPD. *Clinical medicine insights. Circulatory, respiratory and pulmonary medicine*, 7(1), 17–34. <https://doi.org/10.4137/CCRPM.S7211>, diakses tanggal 3 November 2023.
- Eylem Akpınar, E., Akpınar, S., Ertek, S., Sayin, E., Gülhan, M., Üniversitesi Tıp Fakültesi, U., Hastalıkları Anabilim Dalı, G., Göğüs Hastalıkları ve Göğüs Cerrahisi Eğitim ve Araştırma Hastanesi, A., Hastalıkları Kliniği, G., & Hastalıkları Anabilim Dalı, İ, 2012, Systemic inflammation and metabolic syndrome in stable COPD patients. *Tuberk Toraks*, 60(3), 230–237.
- GOLD, 2023, *Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Pulmonary Disease*, USA: Global Initiative for Chronic Obstructive Lung Disease, Inc.
- Holguin, F., Folch, E., Redd, S. C., & Mannino, D. M, 2005, Comorbidity and mortality in COPD-related hospitalizations in the United States, 1979 to 2001. *Chest*, 128(4), 2005–2011. <https://doi.org/10.1378/CHEST.128.4.2005>, diakses tanggal 8 November 2023.
- Huber, M. B., Wacker, M. E., Vogelmeier, C. F., & Leidl, R, 2015, *Excess Costs of Comorbidities in Chronic Obstructive Pulmonary Disease: A Systematic Review*. <https://doi.org/10.1371/journal.pone.0123292>, diakses tanggal 8 November 2023.
- Husereau, D., Drummond, M., Augustovski, F., Briggs, A. H., Carswell, C., Caulley, L., Chaikunapruk, N., de Bekker-Grob, E., Greenberg, D., Loder, E., Mauskopf, J., Mullins, C. D., Petrou, S., Pwu, R. F., & Stanisewska, S, 2022, Consolidated Health Economic Evaluation Reporting Standards 2022 (CHEERS 2022) statement: updated reporting guidance for health economic evaluations. *BJOG : an international journal of obstetrics and gynaecology*, 129(3), 336–344. <https://doi.org/10.1111/1471-0528.17012>, diakses tanggal 11 November 2023.

- Indreswari, Y. S., Rumende, C. M., Pitoyo, C. W., Respirologi, D., Perawatan, D., & Kritis, P, 2014, *Faktor-Faktor yang Berhubungan dengan Eksaserbasi pada Pasien Penyakit Paru Obstruktif Kronik di Rumah Sakit Cipto Mangunkusumo, Jakarta.*
- Ito, K., Yamamura, S., Essilfie-Quaye, S., Cosio, B., Ito, M., Barnes, P. J., & Adcock, I. M, 2006, Histone deacetylase 2-mediated deacetylation of the glucocorticoid receptor enables NF- κ B suppression. *Journal of Experimental Medicine*, 203(1), 7–13. <https://doi.org/10.1084/JEM.20050466>, diakses tanggal 1 November 2023.
- Jansson SA, Backman H, Ronmark E, Lundback B, Lindberg A. Hospitalization Due to Co-Morbid Conditions Is the Main Cost Driver among Subjects with Copd-a Report from the Population-Based Olin Copd Study. *Copd*. 2014 Nov 21
- Jaswirna, A. A., Irasanti, S. N., & Ibnusantosa, G, 2023, Hubungan Perilaku Merokok dan Komorbid dengan Lama Rawat Inap Pasien PPOK di RSUD Al Ihsan Bandung tahun 2019-2021. *Bandung Conference Series: Medical Science*, 3(1), 84–90. <https://doi.org/10.29313/BCSMS.V3I1.5678>, diakses tanggal 13 November 2023.
- Kementerian Kesehatan Republik Indonesia (Kemenkes RI), 2013, *Pedoman Penerapan Kajian Farmakoekonomi*, 1-3, Kementerian Kesehatan Republik Indonesia, Jakarta.
- Kementerian Kesehatan Republik Indonesia, 2013, *Riset Kesehatan Dasar (RISKESDAS) 2013*, Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan Republik Indonesia, Jakarta.
- Kemenkes, 2019, Keputusan Menteri Kesehatan Republik Indonesia Nomor HK. 01. 07/MENKES/687/2019 tentang Pedoman Nasional Pelayanan Kedokteran Tata Laksana Penyakit Paru Obstruktif Kronik.
- Kumar, Kishore, 2022, Calculating FEV1, FVC and FEV1/FVC Ratio by Spirometric Reference Formula on Abdominal Obesity Subjects, *International Journal of Science and Research (IJSR)*, 11(3): 948-950.
- Krumholz, H. M., Merrill, A. R., Schone, E. M., Schreiner, G. C., Chen, J., Bradley, E. H., Wang, Y., Wang, Y., Lin, Z., Straube, B. M., Rapp, M. T., Normand, S. L. T., & Drye, E. E. (2009). Patterns of hospital performance in acute myocardial infarction and heart failure 30-day mortality and readmission. *Circulation: Cardiovascular Quality and Outcomes*, 2(5), 407–413. <https://doi.org/10.1161/CIRCOUTCOMES.109.883256/ASSET/84F05EB1-7752-4EDF-B971-9A9A8AC3F842/ASSETS/GRAPHIC/4FF6.JPEG>
- Lemeshow, S., Hosmer, D. W., Janelle, K., & Stephen, K. L., 1990, Adequacy of Sample Size in Health Studies. John Wiley & Sons Ltd.

- Li, C.-L., Lin, M.-H., Chen, P.-S., Tsai, Y.-C., Shen, L.-S., Kuo, H.-C., & Liu, S.-F., 2020, *Using the BODE Index and Comorbidities to Predict Health Utilization Resources in Chronic Obstructive Pulmonary Disease*. <https://doi.org/10.2147/COPD.S234363>
- Lin, J., Li, Y., Tian, H., Goodman, M. J., Gabriel, S., Nazareth, T., Turner, S. J., Arcona, S., & Kahler, K. H., 2014, Costs and health care resource utilization among chronic obstructive pulmonary disease patients with newly acquired pneumonia. *ClinicoEconomics and Outcomes Research*, 6(1), 349–356. <https://doi.org/10.2147/CEOR.S65824>, diakses tanggal 5 November 2023.
- Made, N., Astriani, D. Y., Wahyu, P., Sandy, S. J., Putra, M. M., Heri, M., Tinggi, S., & Kesehatan Buleleng, I., 2021, Pemberian Posisi Semi Fowler Meningkatkan Saturasi Oksigen Pasien PPOK. *Journal of Telenursing (JOTING)*, 3(1), 128–135. <https://doi.org/10.31539/JOTING.V3I1.2113>.
- Maltais, F., Bjermer, L., Kerwin, E.M., Jones, P.W., Watkins, M.L., Tombs, L., Naya, I.P., Boucot, I.H., Lipson, D.A., Compton, C. dan Vahdati-Bolouri, M., 2019. Efficacy of umeclidinium/vilanterol versus umeclidinium and salmeterol monotherapies in symptomatic patients with COPD not receiving inhaled corticosteroids: the EMAX randomised trial. *Respiratory research*, 20(1),:1-15.
- Mandell, L. A., Wunderink, R. G., Anzueto, A., Bartlett, J. G., Campbell, G. D., Dean, N. C., Dowell, S. F., File, T. M., Musher, D. M., Niederman, M. S., Torres, A., & Whitney, C. G., 2007, Infectious Diseases Society of America/American Thoracic Society consensus guidelines on the management of community-acquired pneumonia in adults. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*, 44 Suppl 2(Suppl 2). <https://doi.org/10.1086/511159>, diakses tanggal 14 November 2023.
- Mannino, D. M., & Buist, A. S., 2007, Global burden of COPD: risk factors, prevalence, and future trends. *Lancet*, 370(9589), 765–773. [https://doi.org/10.1016/S0140-6736\(07\)61380-4](https://doi.org/10.1016/S0140-6736(07)61380-4), diakses tanggal 5 November 2023.
- Mapel, D. W., Hurley, J. S., Frost, F. J., Petersen, H. V, Picchi, M. A., & Coultas, D. B. (t.t.). *Health Care Utilization in Chronic Obstructive Pulmonary Disease A Case-Control Study in a Health Maintenance Organization*.
- Moya-álvarez, V., Quevedo-Marín, J. L., Ji, Z., Navarro-Jiménez, C., Jiménez-García, R., López-De-andrés, A., Pérez-Trullén, A., & de Miguel-Díez, J., 2020, Variation in Assignment of the COPD Patients into a GOLD Group According to Symptoms Severity. *International Journal of Chronic Obstructive Pulmonary Disease*, 15, 1987–1995. <https://doi.org/10.2147/COPD.S253445>, diakses tanggal 3 November 2023.

- Omeati Ratih, 2013, *Kajian Epidemiologis Penyakit Paru Obstruktif Kronik (PPOK) Epidemiologic Study of Chronic Obstructive Pulmonary Disease (COPD)* (Vol. 23, Nomor 2).
- PDPI, 2023, *Penyakit Paru Obstruktif Kronik : Pedoman Diagnosis dan Penatalaksanaan di Indonesia*, Perhimpunan Dokter Paru Indonesia, Jakarta.
- Perhimpunan Dokter Paru Indonesia. Penyakit paru obstruktif kronik (PPOK). Pedoman praktis dan penatalaksanaan di Indonesia. Jakarta: Perhimpunan Dokter Paru Indonesia; 2016, p. 1-111
- Poole, P., Sathananthan, K., & Fortescue, R., 2019, Mucolytic agents versus placebo for chronic bronchitis or chronic obstructive pulmonary disease. *The Cochrane Database of Systematic Reviews*, 2019(5). <https://doi.org/10.1002/14651858.CD001287.PUB6>, diakses tanggal 13 November 2023.
- Prescott, E., 2000, Tobacco-related diseases: the role of gender, *Dan Med Bull*, 47: 115-131.
- Putra, D. P., Bustamam, N., & Chairani, A., 2016, Hubungan Berhenti Merokok dengan Tingkat Keparahan Penyakit Paru Obstruktif Kronik Berdasarkan GOLD 2013 The Relationship between Smoking Cessation with The Severity of Chronic Obstructive Pulmonary Disease Based on GOLD 2013. *J Respir Indo*, 36(1), 20–27.
- Respira, 2021, Data 10 Besar Penyakit Pasien Rawat Jalan Tahun 2021. Online <https://rsprespira.jogjapro.go.id/data-penyakit/data-10-besar-penyakit/>, diakses tanggal 20 Oktober 2023.
- Tashkin, D. P., Lipworth, B., & Brattsand, R., 2019, Benefit:Risk Profile of Budesonide in Obstructive Airways Disease. *Drugs*, 79(16), 1757–1775. <https://doi.org/10.1007/S40265-019-01198-7/FIGURES/6>, diakses tanggal 3 November 2023.
- Tonin, F. S., Aznar-Lou, I., Pontinha, V. M., Pontarolo, R., & Fernandez-Llimos, F., 2021, Principles of pharmacoeconomic analysis: the case of pharmacist-led interventions. *Pharmacy Practice*, 19(1), 1–10. <https://doi.org/10.18549/PHARMRACT.2021.1.2302>, diakses tanggal 7 November 2023.
- Vanfleteren, L. E. G. W., Spruit, M. A., Groenen, M., Gaffron, S., Van Empel, V. P. M., Bruijnzeel, P. L. B., Rutten, E. P. A., Roodt, J. O. t., Wouters, E. F. M., & Franssen, F. M. E., 2013, Clusters of Comorbidities Based on Validated Objective Measurements and Systemic Inflammation in Patients with Chronic Obstructive Pulmonary Disease. <https://doi.org/10.1164/rccm.201209-1665OC>, 187(7), 728–735. <https://doi.org/10.1164/RCCM.201209-1665OC>, diakses tanggal 17 November 2023.

- Vo, T.Q., Phung, T.C.N., Vu, T.Q., Tran, T.N., Vo, T.T.T., PHAN, V.H.A. and Pham, L.D., 2018, Cost Trend Analysis of Chronic Obstructive Pulmonary Disease among Vietnamese Patients: Findings from Two Provincial Facilities 2015–2017. *JOURNAL OF CLINICAL AND DIAGNOSTIC RESEARCH*. doi:<https://doi.org/10.7860/jcdr/2018/36668.11715>, diakses tanggal 27 November 2023.
- WHO, 2022, *Chronic Obstructive Pulmonary Disease (COPD)*, [https://www.who.int/news-room/fact-sheets/detail/chronic-obstructive-pulmonary-disease-\(copd\)](https://www.who.int/news-room/fact-sheets/detail/chronic-obstructive-pulmonary-disease-(copd)), diakses pada tanggal 13 Oktober 2023.
- Wulandari, A., 2020, Analisis Biaya Terapi Pasien Penyakit Paru Obstruktif Kronik (PPOK) Rawat Inap di RSUP Fatmawati Periode 2018. *Saintech Farma*, 13(1):8—14.
- Yawn, B. P., Mintz, M. L., & Doherty, D. E., 2021, Gold in practice: chronic obstructive pulmonary disease treatment and management in the primary care setting. *International Journal of COPD*, 16, 289–299. <https://doi.org/10.2147/COPD.S222664>, diakses tanggal 15 November 2023.
- Yu, C., Xia, Q., Li, Q., Wu, J., Wang, X. dan Wu, J., 2023. Hospitalization costs of COPD cases and its associated factors: an observational study at two large public tertiary hospitals in Henan Province, China. *BMC geriatrics*, 23(1), p.457.