

DAFTAR PUSTAKA

1. Zhang Y, Wang L, Mutlu GM, Cai H. More to Explore: Further Definition of Risk Factors for COPD – Differential Gender Difference, Modest Elevation in PM2.5, and e-Cigarette Use. *Front Physiol*. 2021 May 5;12:423.
2. Horner A, Burghuber OC, Hartl S, Studnicka M, Merkle M, Olschewski H, et al. Quality of Life and Limitations in Daily Life of Stable COPD Outpatients in a Real-World Setting in Austria - Results from the CLARA Project. *Int J Chron Obstruct Pulmon Dis* [Internet]. 2020 [cited 2022 Aug 2];15:1655–63. Available from: <https://pubmed.ncbi.nlm.nih.gov/32764911/>
3. Szalontai K, Gémes N, Furák J, Varga T, Neuperger P, Balog J, et al. Chronic Obstructive Pulmonary Disease: Epidemiology, Biomarkers, and Paving the Way to Lung Cancer. *J Clin Med* [Internet]. 2021 Jul 1 [cited 2022 Aug 2];10(13). Available from: <https://pubmed.ncbi.nlm.nih.gov/34209651/>
4. Ahmed MS, Neyaz AN, Aslami A. Health-related quality of life of chronic obstructive pulmonary disease patients: Results from a community based cross-sectional study in Aligarh, Uttar Pradesh, India. *Lung India* [Internet]. 2016 Mar 1 [cited 2022 Aug 2];33(2):148. Available from: <http://pmc/articles/PMC4797432/>
5. El Razi K, Nejari C, Benjelloun MC, Bourkadi J, Afif H, Serhier Z, et al. Validation of the St George's respiratory questionnaire in patients with COPD or asthma in Morocco. *Int J Tuberc Lung Dis*. 2006;10(11):1273–8.
6. Rafaela A, João M, Arrifes V, Pereira ÂM. Quality of life in patients with chronic obstructive pulmonary disease. *Ann Med* [Internet]. 2019 Mar 29 [cited 2022 Aug 2];51(sup1):220–220. Available from: <https://www.tandfonline.com/doi/full/10.1080/07853890.2018.1560732>
7. Xu W, Collet JP, Shapiro S, Lin Y, Yang T, Wang C, et al. Validation and clinical interpretation of the St George's Respiratory Questionnaire among COPD patients, China. *Int J Tuberc Lung Dis*. 2009;13(2):181–9.
8. Al muthmainnah et. Gambaran Kualitas Hidup Pasien Ppok Stabil Di Poli Paru Rsud Arifin Achmad Provinsi Riau Dengan Menggunakan Kuesioner Sgrq. *Jom Fk*. 2015;2(2):1–20.
9. Patel AR, Patel AR, Singh S, Singh S, Khawaja I. Global Initiative for Chronic Obstructive Lung Disease: The Changes Made. *Cureus* [Internet]. 2019 Jun 24 [cited 2022 Aug 2];11(6). Available from: <https://www.cureus.com/articles/20508-global-initiative-for-chronic-obstructive-lung-disease-the-changes-made>

10. Fazleen A, Wilkinson T. Early COPD: current evidence for diagnosis and management. *Ther Adv Respir Dis* [Internet]. 2020 Jul 14 [cited 2022 Aug 2];14. Available from: <https://journals.sagepub.com/doi/full/10.1177/1753466620942128>
11. Manian P. Chronic obstructive pulmonary disease classification, phenotypes and risk assessment. *J Thorac Dis* [Internet]. 2019 [cited 2022 Aug 2];11(Suppl 14):S1761. Available from: [/pmc/articles/PMC6783724/](https://pubmed.ncbi.nlm.nih.gov/31411414/)
12. Hassan WA, Abo-Elhamd E, Hassan WA, Abo-Elhamd E. Emphysema versus Chronic Bronchitis in COPD: Clinical and Radiologic Characteristics. *Open J Radiol* [Internet]. 2014 Mar 28 [cited 2022 Aug 2];4(2):155–62. Available from: http://www.scirp.org/Html/2-1780141_44577.htm
13. Global Initiative for Chronic Obstructive Lung Disease. GLOBAL STRATEGY FOR THE DIAGNOSIS, MANAGEMENT, AND PREVENTION OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE [Internet]. 2022. Available from: https://goldcopd.org/wp-content/uploads/2020/11/GOLD-REPORT-2021-v1.0-11Nov20_WMV.pdf
14. Silverman EK. Genetics of COPD. <https://doi.org/10.1146/annurev-physiol-021317-121224> [Internet]. 2020 Feb 10 [cited 2022 Aug 2];82:413–31. Available from: <https://www.annualreviews.org/doi/abs/10.1146/annurev-physiol-021317-121224>
15. Barnes PJ. Sex differences in chronic obstructive pulmonary disease mechanisms. *Am J Respir Crit Care Med* [Internet]. 2016 Apr 15 [cited 2022 Aug 2];193(8):813–4. Available from: www.atsjournals.org
16. Sahni S, Talwar A, Khanijo S, Talwar A. Socioeconomic status and its relationship to chronic respiratory disease. *Adv Respir Med* [Internet]. 2017 [cited 2022 Aug 2];85(2):97–108. Available from: <https://pubmed.ncbi.nlm.nih.gov/28440535/>
17. Yang Y, Mao J, Ye Z, Li J, Zhao H, Liu Y. Risk factors of chronic obstructive pulmonary disease among adults in Chinese mainland: A systematic review and meta-analysis. *Respir Med*. 2017 Oct 1;131:158–65.
18. Bracke KR, Brusselle GG. Chronic Obstructive Pulmonary Disease. *Mucosal Immunol* Fourth Ed. 2015 Jan 1;2–2:1857–66.
19. Brashier BB, Kodgule R. Risk factors and pathophysiology of chronic obstructive pulmonary disease (COPD). *J Assoc Physicians India*. 2012;60(SUPPL FEB2012):17–21.
20. Alfahad AJ, Alzaydi MM, Aldossary AM, Alshehri AA, Almughem FA,

- Zaidan NM, et al. Current views in chronic obstructive pulmonary disease pathogenesis and management. *Saudi Pharm J*. 2021 Dec 1;29(12):1361–73.
21. Burkhardt R, Pankow W. The Diagnosis of Chronic Obstructive Pulmonary Disease. *Dtsch Arztebl Int* [Internet]. 2014 Dec 5 [cited 2022 Aug 2];111(49):834. Available from: /pmc/articles/PMC4284520/
 22. Tsiligianni I, Kocks JWH. Daytime symptoms of chronic obstructive pulmonary disease: a systematic review. *npj Prim Care Respir Med* 2020 301 [Internet]. 2020 Feb 21 [cited 2022 Aug 2];30(1):1–9. Available from: <https://www.nature.com/articles/s41533-020-0163-5>
 23. Akwe J. Chronic Obstructive Pulmonary Disease: An Overview of Epidemiology, Pathophysiology, Diagnosis, Staging and Management. *Int J Clin Exp Med Sci*. 2016;2(2):13.
 24. Sarkar M, Bhardwaz R, Madabhavi I, Modi M. Physical signs in patients with chronic obstructive pulmonary disease. *Lung India* [Internet]. 2019 Jan 1 [cited 2022 Aug 2];36(1):38. Available from: /pmc/articles/PMC6330798/
 25. Stolz D, Barandun J, Borer H, Bridevaux PO, Brun P, Brutsche M, et al. Diagnosis, Prevention and Treatment of Stable COPD and Acute Exacerbations of COPD: The Swiss Recommendations 2018. *Respiration* [Internet]. 2018 [cited 2022 Aug 2];96(4):382–98. Available from: <https://www.karger.com/Article/FullText/490551>
 26. Foumani AA, Hamidi S, Shakiba M, Massahnia S, Foumani A. Upper Third to Lower Third Width Ratio on Chest X-Ray May Predict Severity of Obstruction in Obstructive Lung Disease. *Tanaffos* [Internet]. 2014 [cited 2022 Aug 2];13(1):15. Available from: /pmc/articles/PMC4153277/
 27. Gentry S, Gentry B. Chronic obstructive pulmonary disease: Diagnosis and management. *Am Fam Physician*. 2017;95(7):433–41.
 28. Bollmeier SG, Hartmann AP. Management of chronic obstructive pulmonary disease: A review focusing on exacerbations. *Am J Health Syst Pharm* [Internet]. 2020 Feb 15 [cited 2022 Aug 2];77(4):259–68. Available from: <https://pubmed.ncbi.nlm.nih.gov/31930287/>
 29. MK H, SC L. COPD: diagnosis and management. In: Broaddus VC, Ernst J, Talmadge E King J, Lazarus S, Sarmiento KF, Schnapp LM, et al., editors. *Murray and Nadel's Textbook of Respiratory Medicine*. 7th ed. Philadelphia: Elsevier; 2022.
 30. Behboodi Moghadam Z, Fereidooni B, Saffari M, Montazeri A. Measures of health-related quality of life in PCOS women: a systematic review. *Int J Womens Health* [Internet]. 2018 [cited 2022

- Aug 2];10:397–408. Available from: <https://pubmed.ncbi.nlm.nih.gov/30123008/>
31. Chen SC. Health-related quality of life in dermatology: introduction and overview. *Dermatol Clin* [Internet]. 2012 Apr [cited 2022 Aug 2];30(2):205–8. Available from: <https://pubmed.ncbi.nlm.nih.gov/22284134/>
 32. Fazekas-Pongor V, Fekete M, Balazs P, Arva D, Penzes M, Tarantini S, et al. Health-related quality of life of COPD patients aged over 40 years. *Physiol Int* [Internet]. 2021 Jun 1 [cited 2022 Aug 2];108(2):261–73. Available from: <https://pubmed.ncbi.nlm.nih.gov/34166221/>
 33. Adhikari TB, Rijal A, Acharya P, Högman M, Karki A, Drews A, et al. Health-Related Quality of Life of People Living with COPD in a Semiurban Area of Western Nepal: A Community-Based Study. *COPD* [Internet]. 2021 [cited 2022 Aug 2];18(3):349–56. Available from: <https://pubmed.ncbi.nlm.nih.gov/33970728/>
 34. van Vu G, Ha GH, Nguyen CT, Vu GT, Pham HQ, Latkin CA, et al. Interventions to Improve the Quality of Life of Patients with Chronic Obstructive Pulmonary Disease: A Global Mapping During 1990-2018. *Int J Environ Res Public Health* [Internet]. 2020 May 1 [cited 2022 Aug 2];17(9). Available from: <https://pubmed.ncbi.nlm.nih.gov/32365510/>
 35. Loubert A, Regnault A, Meunier J, Gutzwiller FS, Regnier SA. Is the St. George's Respiratory Questionnaire an Appropriate Measure of Symptom Severity and Activity Limitations for Clinical Trials in COPD? Analysis of Pooled Data from Five Randomized Clinical Trials. *Int J Chron Obstruct Pulmon Dis* [Internet]. 2020 Sep 8 [cited 2022 Aug 2];15:2103–13. Available from: <https://www.dovepress.com/is-the-st-georgersquos-respiratory-questionnaire-an-appropriate-measure-peer-reviewed-fulltext-article-COPD>
 36. Welling JBA, Hartman JE, Ten Hacken NHT, Klooster K, Slebos DJ. The minimal important difference for the St George's Respiratory Questionnaire in patients with severe COPD. *Eur Respir J* [Internet]. 2015 Dec 1 [cited 2022 Aug 2];46(6):1598–604. Available from: <https://pubmed.ncbi.nlm.nih.gov/26493797/>
 37. Gil H II, Zo S, Jones PW, Kim BG, Kang N, Choi Y, et al. <p>Clinical Characteristics of COPD Patients According to COPD Assessment Test (CAT) Score Level: Cross-Sectional Study</p>. *Int J Chron Obstruct Pulmon Dis* [Internet]. 2021 Jun 1 [cited 2022 Aug 2];16:1509–17. Available from: <https://www.dovepress.com/clinical-characteristics-of-copd-patients-according-to-copd-assessment-peer-reviewed-fulltext-article-COPD>

38. MacNee W. Is Chronic Obstructive Pulmonary Disease an Accelerated Aging Disease? *Ann Am Thorac Soc*. 2016 Dec;13 Suppl 5:S429–37.
39. Holm KE, Plaufcan MR, Ford DW, Sandhaus RA, Strand M, Strange C, et al. The Impact of Age on Outcomes in Chronic Obstructive Pulmonary Disease Differs by Relationship Status. *J Behav Med* [Internet]. 2014 Aug [cited 2022 Oct 1];37(4):654–63. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3772963/>
40. Divo MJ, Marin JM, Casanova C, Cabrera Lopez C, Pinto-Plata VM, Marin-Oto M, et al. Comorbidities and mortality risk in adults younger than 50 years of age with chronic obstructive pulmonary disease. *Respiratory Research* [Internet]. 2022 Sep 27 [cited 2022 Oct 1];23(1):267. Available from: <https://doi.org/10.1186/s12931-022-02191-7>
41. Perez TA, Castillo EG, Ancochea J, Sanz MTP, Almagro P, Martínez-Cambor P, et al. Sex differences between women and men with COPD: A new analysis of the 3CIA study. *Respiratory Medicine* [Internet]. 2020 Sep 1 [cited 2022 Oct 1];171. Available from: [https://www.resmedjournal.com/article/S0954-6111\(20\)30245-6/fulltext](https://www.resmedjournal.com/article/S0954-6111(20)30245-6/fulltext)
42. Jamal A, Phillips E, Gentzke AS, Homa DM, Babb SD, King BA, et al. Current Cigarette Smoking Among Adults - United States, 2016. *MMWR Morb Mortal Wkly Rep*. 2018 Jan 19;67(2):53–9.
43. Chinwong D, Mookmanee N, Chongpornchai J, Chinwong S. A Comparison of Gender Differences in Smoking Behaviors, Intention to Quit, and Nicotine Dependence among Thai University Students. *J Addict* [Internet]. 2018 Oct 24 [cited 2022 Oct 1];2018:8081670. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6220393/>
44. Efendi F, Aidah FN, Has EMM, Lindayani L, Reisenhofer S. Determinants of smoking behavior among young males in rural Indonesia. *Int J Adolesc Med Health*. 2019 Aug 14;33(5).
45. Martinez CH, Raparla S, Plauschinat CA, Giardino ND, Rogers B, Beresford J, et al. Gender Differences in Symptoms and Care Delivery for Chronic Obstructive Pulmonary Disease. *J Womens Health (Larchmt)* [Internet]. 2012 Dec [cited 2022 Oct 6];21(12):1267–74. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3518541/>
46. Muzlifa R, Mulyadi M, Husnah H. The Relation of Brinkman Index and Body Mass Index with Spirometry Result of Chronic Obstructive Pulmonary Disease (COPD) Outpatients in the Pulmonology and Respiratory Medicine Department of Zainoel Abidin General Hospital.

- World Nutrition Journal [Internet]. 2022 Feb 28 [cited 2022 Oct 1];5(2):1–7. Available from: <https://worldnutrijournal.org/OJS/index.php/WNJ/article/view/WNJ.V05.i2.0002>
47. Behboodi Moghadam Z, Fereidooni B, Saffari M, Montazeri A. Measures of health-related quality of life in PCOS women: a systematic review. *International journal of women's health*. 2018;10:397–408.
 48. Fazekas-Pongor V, Fekete M, Balazs P, Arva D, Penzes M, Tarantini S, et al. Health-related quality of life of COPD patients aged over 40 years. *Physiology international*. 2021 Jun 1;108(2):261–73.
 49. Ismail M, Wiyono WH, Yunus F, Adi NP. Hubungan Fungsi Paru dengan Jumlah Eksaserbasi pada Pasien Penyakit Paru Obstruktif Kronik (PPOK). FK Universitas Indonesia. 2013;
 50. Stöber A, Lutter JI, Schwarzkopf L, Kirsch F, Schramm A, Vogelmeier CF, et al. Impact of Lung Function and Exacerbations on Health-Related Quality of Life in COPD Patients Within One Year: Real-World Analysis Based on Claims Data. *Int J Chron Obstruct Pulmon Dis* [Internet]. 2021 Sep 21 [cited 2022 Oct 1];16:2637–51. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8473986/>
 51. van Vu G, Ha GH, Nguyen CT, Vu GT, Pham HQ, Latkin CA, et al. Interventions to Improve the Quality of Life of Patients with Chronic Obstructive Pulmonary Disease: A Global Mapping During 1990-2018. *International journal of environmental research and public health*. 2020 May 1;17(9).
 52. Morishita-Katsu M, Nishimura K, Taniguchi H, Kimura T, Kondoh Y, Kataoka K, et al. The COPD assessment test and St George's Respiratory Questionnaire: are they equivalent in subjects with COPD? *Int J Chron Obstruct Pulmon Dis*. 2016;11:1543–51.
 53. Jones PW, Brusselle G, Negro RWD, Ferrer M, Kardos P, Levy ML, et al. Properties of the COPD assessment test in a cross-sectional European study. *European Respiratory Journal* [Internet]. 2011 Jul 1 [cited 2022 Oct 5];38(1):29–35. Available from: <https://erj.ersjournals.com/content/38/1/29>
 54. Folch Ayora A, Macia-Soler L, Orts-Cortés MI, Hernández C, Seijas-Babot N. Comparative analysis of the psychometric parameters of two quality-of-life questionnaires, the SGRQ and CAT, in the assessment of patients with COPD exacerbations during hospitalization: A multicenter study. *Chron Respir Dis* [Internet]. 2018 Nov 1 [cited 2022 Oct 5];15(4):374–83. Available from: <https://doi.org/10.1177/1479972318761645>
 55. Rhee CK, Kim JW, Hwang YI, Lee JH, Jung KS, Lee MG, et al.

- Discrepancies between modified Medical Research Council dyspnea score and COPD assessment test score in patients with COPD. *Int J Chron Obstruct Pulmon Dis* [Internet]. 2015 Aug 12 [cited 2022 Oct 1];10:1623–31. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4541543/>
56. Jones PW, Adamek L, Nadeau G, Banik N. Comparisons of health status scores with MRC grades in COPD: implications for the GOLD 2011 classification. *European Respiratory Journal* [Internet]. 2013 Sep 1 [cited 2022 Oct 1];42(3):647–54. Available from: <https://erj.ersjournals.com/content/42/3/647>
 57. Manian P. Chronic obstructive pulmonary disease classification, phenotypes and risk assessment. *Journal of Thoracic Disease*. 2019;11(Suppl 14):S1761.
 58. Farag TS, Sobh ESM, Elsayy SB, Fahmy BM. Evaluation of health-related quality of life in patients with chronic obstructive pulmonary disease. *Egypt J Bronchol* [Internet]. 2018 Sep [cited 2022 Oct 1];12(3):288–94. Available from: https://ejb.springeropen.com/articles/10.4103/ejb.ejb_11_18
 59. Agrawal SR, Joshi R, Jain A. Correlation of severity of chronic obstructive pulmonary disease with health-related quality of life and six-minute walk test in a rural hospital of central India. *Lung India* [Internet]. 2015 [cited 2022 Oct 5];32(3):233–40. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4429384/>
 60. Sanchez, F.F., Faganello, M.M., Tanni, S.E., et al. (2008) Relationship between Disease Severity and Life Quality in Patients with Chronic Obstructive Pulmonary Disease. *Brazilian Journal of Medical and Biological Research*, 41, 860- 865. <http://dx.doi.org/10.1590/S0100-879X2008005000043>
 61. Azizah A. Gambaran Kualitas Hidup Pasien Penyakit Paru Obstruktif Kronik Stabildi Poliklinik Paru RS USU [Internet] [Thesis]. Universitas Sumatera Utara; 2019 [cited 2022 Oct 1]. Available from: <https://repositori.usu.ac.id/handle/123456789/26133>
 62. Zamzam MA, Azab NY, El Wahsh RA, Ragab AZ, Allam EM. Quality of life in COPD patients. *Egyptian Journal of Chest Diseases and Tuberculosis* [Internet]. 2012 Oct 1 [cited 2022 Oct 1];61(4):281–9. Available from: <https://www.sciencedirect.com/science/article/pii/S0422763812000635>
 63. Atz H, Waschki B, Meyer T, Magnussen H: Physical activity in patients with COPD. *Eur Respir J* 2009,33:262–272
 64. Cabrera López C, Casanova Macario C, Marín Trigo JM, de-Torres JP, Sicilia Torres R, González JM, et al. Comparison of the 2017 and

2015 Global Initiative for Chronic Obstructive Lung Disease Reports. Impact on Grouping and Outcomes. *Am J Respir Critical Care Med*. 2018;197(4):463-9.

65. Hu YH, Liang ZY, Xu LM, Xu WH, Liao H, Li R, et al. Comparison of the clinical characteristics and comprehensive assessments of the 2011 and 2017 GOLD classifications for patients with COPD in China. *Int J Chron Obstruct Pulmon Dis*. 2018;13:3011
66. Okutan O, Tas D, Demirer E, Kartaloglu Z. Evaluation of quality of life with the chronic obstructive pulmonary disease assessment test in chronic obstructive pulmonary disease and the effect of dyspnea on disease-specific quality of life in these patients. *Yonsei Med J*. 2013 Sep;54(5):1214–9.