

DAFTAR PUSTAKA

1. Worldometers. COVID-19 CORONAVIRUS PANDEMIC [Internet]. 2022. Available from: <https://www.worldometers.info/coronavirus/>
2. Our world data. Coronavirus Cases [Internet]. 2021. Available from: <https://www.worldometers.info/coronavirus/coronavirus-cases/>
3. Pavli, Androula. Maria Theodoridou. Helena C. Post-COVID Syndrome: Incidence, Clinical Spectrum, and Challenges for Primary Healthcare Professionals. Arch Med Res [Internet]. 2021;52:575–81. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8093949/pdf/main.pdf>
4. NICE (National Institute for Health and Care Excellence). COVID-19 rapid guideline: managing the long-term effects of COVID-19 [Internet]. 2020. Available from: <https://www.nice.org.uk/guidance/ng188>
5. Leon SL. More Than 50 Long-term Effects of COVID-19: a systematic review and meta-analysis. Sci Rep [Internet]. 2021;11(16144). Available from: <https://www.nature.com/>
6. Carfi A. Persistent Symptoms in Patients After Acute Covid-19. JAMA [Internet]. 2020;324:603–5. Available from: <https://doi.org/10.1001/jama.2020.12603>
7. Mahmud R. Post Covid-19 Syndrome Among Asymptomatic Covid-19 Patients : A Propective Cohort Study in A Tertiary Care Center of Bangladesh. PLoS One [Internet]. 2021;16(4). Available from: [http://doi.org/10.1371.journal.pone.0249644](http://doi.org/10.1371/journal.pone.0249644)
8. Chopra V. Flanders S. O'Malley M. et al. Sixty-Day Outcomes Among Patients Hospitalized With Covid-19. ACP [Internet]. 2021;174(4):576–8. Available from: <https://doi.org/10.7326/M20-5661>
9. Greenhalgh T. Management of post-acute covid-19 in primary care. BMJ [Internet]. 2020;370(m3026):1–8. Available from: <https://www.bmj.com/>
10. Naik S. Post COVID-19 sequelae: A prospective observational study from Northern India. drug Discov Ther J [Internet]. 2021;15(5):254–60. Available from: <https://www.jstage.jst.go.jp/>
11. Otsuka, Y. Kazuki Tokumasu. Yasuhiro Nakano. Clinical Characteristics of Japanese Patients Who Visited a COVID-19 Aftercare Clinic for PostAcute Sequelae of COVID-19/Long COVID. cureus [Internet]. 2021;13(10). Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8571943/>
12. Covid Survivor Indonesia. Update Populasi Penyintas Covid-19 di Indonesia [Internet]. 2021. Available from: covid survivor.id
13. Info Sehat FKUI. Dokter Paru Sarankan Hal Ini Jika Ingin Pulih dari Long COVID [Internet]. 2021. Available from: <https://fk.ui.ac.id/>

14. Raveendran,A. Rajeev Jayadevan, S.Sashidharan. Long COVID: An overview. *Diabetes Metab Syndr Clin Res Rev* [Internet]. 2021;15:869–75. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8056514/>
15. Centers for Disease Control and Prevention. Post-COVID Conditions [Internet]. 2021. Available from: <https://www.cdc.gov/coronavirus/2019-ncov/long-term-effects/index.html>
16. Lemhofer,C. Strum,C. Krug D. The impact of Post-COVID-Syndrome on functioning – results from a community survey in patients after mild and moderate SARS-CoV-2-infections in Germany. *J Occup Med Toxicol* [Internet]. 2021;16(45). Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8495185/>
17. Poudel, Ak. Zhu, S. Cooper N. Impact of Covid-19 on health-related quality of life of patients: A structured review. *PLoS One* [Internet]. 2021;16(10):1–20. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8553121/pdf/pone.0259164.pdf>
18. Islam, Md Saiful. Most Zannatul. et al. Treatment, Persistent Symptoms, and Depression in People Infected with COVID-19 in Bangladesh. *Int J Environ Res Public Health* [Internet]. 2021;18(1453):1–16. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7914967/pdf/ijerph-18-01453.pdf>
19. Davis HGSLM. Characterizing long COVID in an international cohort: 7 months of symptoms and their impact. *EClinicalMedicine* [Internet]. 2021;38. Available from: [https://www.thelancet.com/journals/eclinm/article/PIIS2589-5370\(21\)00299-6/fulltext](https://www.thelancet.com/journals/eclinm/article/PIIS2589-5370(21)00299-6/fulltext)
20. Bai, Francesca. Tomasoni, Daniele. Falcinella C. Female gender is associated with long COVID syndrome: a prospective cohort study. *Eur Soc Clin Microbiol Infect Dis* [Internet]. 2021;11(2). Available from: <https://www.ncbi.nlm.nih.gov/>
21. Cristillo V, Andrea P, Steffano CP, et al. Age and subtle cognitive impairment are associated with long-term olfactory dysfunction after COVID-19 infection. *J Am Geriatr Soc* [Internet]. 2021;1–3. Available from: <https://pubmed.ncbi.nlm.nih.gov/34019707/>
22. Zhang X, Wang F, Shen Y, Zhang X, Cen Y, et al. Symptoms and Health Outcomes Among Survivors of COVID-19 Infection 1 Year After Discharge From Hospitals in Wuhan, China. *JAMA*. 2021;4(9).
23. Ortona Elena & Walter Malorni. Long COVID: to investigate immunological mechanisms and sex/gender related aspects as fundamental steps for a tailored therapy. *Eur Respir J* [Internet]. 2021; Available from: <https://pubmed.ncbi.nlm.nih.gov/34531277/>
24. Bliddal S, Banasik K, Pedersen OB, Nissen J, et al. Acute and persistent symptoms in non-hospitalized PCR-confirmed COVID-19 patients. *Sci Rep*. 2021;11(1):13153.

25. Aminian A, Bena J, Pantalone K, Burguera B. Association of obesity with postacute sequelae of COVID-19. WILEY [Internet]. 2021;23:2183–8. Available from: <https://dom-pubs.onlinelibrary.wiley.com/doi/10.1111/dom.14454>
26. Vimercati, L. Maria, Luigi. Quarato, M. Association between Long COVID and Overweight/Obesity. J Clin Med [Internet]. 2021;10(4143):1–8. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8469321/>
27. Tleyjeh I, Basema S, Nourah A, et al. Prevalence and predictors of Post-Acute COVID-19 Syndrome (PACS) after hospital discharge: A cohort study with 4 months median follow-up. PLoS One [Internet]. 2021;16(12). Available from: <https://pubmed.ncbi.nlm.nih.gov/34874962/>
28. Kayaaslan, B. Eser, F, Kalem,A. Post-COVID syndrome: A single-center questionnaire study on 1007 participants recovered from COVID-19. JMV [Internet]. 2021;1–9. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8426910/pdf/JMV-9999-0.pdf>
29. Garrigeus E, Janvier P, Kherabi y, et al. Post-discharge persistent symptoms and health-related quality of life after hospitalization for COVID-19. J Infect. 2020;81(6):e4–6.
30. Schneider C, Emeline L, Adrien L, Emilie B, et al. Follow-up of adults with noncritical COVID-19 two months after symptom onset. Clin Microbiol Infect [Internet]. 2021;27:258–63. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7534895/pdf/main.pdf>
31. Jones R, Davis A, Stanley B, Julious S, et al. Risk Predictors and Symptom Features of Long COVID Within a Broad Primary Care Patient Population Including Both Tested and Untested Patients. Pragmat Obs Res. 2021;11(12):93–104.
32. Retnawati H, Ezi A, Kartianom, Hasan D, Rizqa D. Pengantar Analisis Meta. Ezi Apino, editor. Yogyakarta: Parama Publishing; 2018.
33. Kementerian Kesehatan RI. Pedoman Pencegahan dan Pengendalian Coronavirus Disease (Covid-19) [Internet]. 2020. Available from: <https://covid19.kemkes.go.id>
34. World Health Organization. Novel Coronavirus (2019-nCoV) [Internet]. 2020. Available from: <https://www.who.int/>
35. Kementerian Kesehatan RI. Pedoman Pencegahan dan Pengendalian Coronavirus Disease (Covid-19) [Internet]. 2020. Available from: <https://covid19.kemkes.go.id>
36. Worldometers. COVID-19 CORONAVIRUS PANDEMIC [Internet]. 2022 [cited 2022 Jan 25]. Available from: <https://www.worldometers.info/coronavirus/#countries>
37. DISKOMINFO Provinsi Sumbar. Data Pantauan COVID-19 Provinsi Sumatera Barat [Internet]. 2022 [cited 2022 Jan 25]. Available from:

corona.sumbarprov.go.id

38. Hernaningsih Y, editor. *Aspek Laboratorium COVID-19*. Surabaya: Airlangga University Press; 2021.
39. World Health Organization. A clinical case definition of post COVID-19 condition by a Delphi consensus [Internet]. 2021. Available from: https://www.who.int/publications/i/item/WHO-2019-nCoV-Post_COVID-19_condition-Clinical_case_definition-2021.1
40. Nalbandian A, Kartik S, Aakriti G et al. Post-acute COVID-19 syndrome. *Nat Med*. 2021;27:601–15.
41. World Health Organization. Naming the coronavirus disease (COVID-19) and the virus that causes it [Internet]. [cited 2021 Sep 21]. Available from: <https://www.who.int/>
42. Wade DT. Rehabilitation after COVID-19: an evidence-based approach. *Clin Med* [Internet]. 2020;20:359–65. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7385804/>
43. Abdul B. Deleterious Outcomes in Long-Hauler COVID-19: The Effects of SARS-CoV 2 on the CNS in Chronic COVID Syndrome. *ACS Chem Neurosci* [Internet]. 2020;11:4017–20. Available from: <https://pubmed.ncbi.nlm.nih.gov/33275404/>
44. Kuan Thye A, Jodi W, Loh T, Priya P, et al. Psychological Symptoms in COVID-19 Patients: Insights into Pathophysiology and Risk Factors of Long COVID-19. *Biology (Basel)*. 2022;11(61).
45. Amraie R, Napoleon MA, Yin W, et al. CD209L/L-SIGN and CD209/DC-SIGN act as receptors for SARS-CoV-2 and are differentially expressed in lung and kidney epithelial and endothelial cells. *bioRxiv*. 2021;
46. Baig AM, Khaleeq A, Ali U, Syeda H. Evidence of the COVID-19 virus targeting the CNS: tissue distribution, host-virus interaction, and proposed neurotropic mechanisms. *ACS Chem Neurosci* [Internet]. 2020;11:995–8. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7094171/>
47. Dani M, Dirksen A, Taraborrelli P, et al. Autonomic dysfunction in ‘long COVID’: rationale, physiology and management strategies. *Clin Med (Northfield Il)*. 2021;21:e63–7.
48. Mubarika S. Pandemi Covid-19, Dampak Terhadap Kesehatan Individu dan Masyarakat: Perlunya Kesiapan Menghadapi Outbreak yang Akan Datang. In: Oey-Gardiner & M Amin Abdullah, editor. *Ragam Perspektif Dampak Covid-19. II*. Jakarta: Yayasan Pustaka Obor Indonesia; 2021.
49. Mazza M, Lorenzo RD, Catterina C, Sara P, et al. Anxiety and depression in COVID-19 survivors: Role of inflammatory and clinical predictors. *Brain, Behav Immunity*, [Internet]. 2020;89:594–600. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7390748/>
50. NIHR (National Institute for Health Research). *Living with Covid-19*. 2021.

Second Dynamic Review.

51. Arnold D, Fergus W, Alice M, Anna J, et al. Patient outcomes after hospitalisation with COVID-19 and implications for follow-up: results from a prospective UK cohort. *Thorax*. 2021;76(4):399–401.
52. Blomberg B, Kristin G, Karl A, Fan Z, et al. Long COVID in a prospective cohort of home-isolated patients. *Nat Med*. 2021;27:1607–13.
53. Perez Oscar, Esperanza Merino, et al. Post-Acute COVID-19 Syndrome, incidence and risk factors: A Mediterranean cohort study. *J Infect* [Internet]. 2021;82:373–8. Available from: <https://pubmed.ncbi.nlm.nih.gov/33450302/>
54. Huang C, Lixue H, Yeming W, Xia L, et al. 6-month consequences of COVID-19 in patients discharged from hospital: a cohort study. *Lancet Infect Dis*. 2021;397.
55. Orru G, Davide B, Francesca D, Federico M, et al. Long-COVID Syndrome? A Study on the Persistence of Neurological, Psychological and Physiological Symptoms. *Healthc*. 2021;9(5).
56. Vanichkachom G, Richard N, Clayton T, M Hassan et al. Post-COVID-19 Syndrome (Long Haul Syndrome): Description of a Multidisciplinary Clinic at Mayo Clinic and Characteristics of the Initial Patient Cohort. *Mayo Clin Proc*. 2021;96(7):1782–91.
57. Delbressine JM, Machado FVC, Goertz YMJ, et al. The Impact of Post-COVID-19 Syndrome on Self-Reported Physical Activity. *Int J Env Res Public Heal*. 2021;18(11).
58. *Annals of Internal Medicine*. Sixty-Day Outcomes Among Patients Hospitalized With COVID-19 [Internet]. 2020. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7707210/pdf/aim-olf-M205661.pdf>
59. Boglione, L. J, Meli. Poletti F. Risk factors and incidence of long-COVID syndrome in hospitalized patients: does remdesivir have a protective effect? *QJM An Int J Med* [Internet]. 2021;0(0):1–7. Available from: <https://www.ncbi.nlm.nih.gov/>
60. Sudre C, Benjamin Murray, et al. Attributes and predictors of long COVID. *Nat Med* [Internet]. 2021;27(4):626–31. Available from: <https://www.nature.com/articles/s41591-021-01292-y>
61. Asadi-Pooya AA, Akbari A, Emami A, Lotfi M, Rostamihosseinkhani M, et al. Risk Factors Associated with Long COVID Syndrome: A Retrospective Study. *Iran J Med Sci*. 2021;46(6):428–36.
62. Fang X, Li S, Yu H, Wang P, Zhang Y, Chen Z, et al. Epidemiological, comorbidity factors with severity and prognosis. *Aging (Albany NY)*. 2020;12(13):12493–503.
63. Liu YH, Wang YR, Wang QH, Chen Y, et al. Post-infection cognitive impairments in a cohort of elderly patients with COVID-19. *Mol*

Neurodegener. 2021;16(1):48.

64. Crankson, S. Subhash Pokhrel NK. Determinants of COVID-19-Related Length of Hospital Stays and Long COVID in Ghana: A Cross-Sectional Analysis. *Int J Environ Res Public Health* [Internet]. 2022;19(527):1–11. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8744866/pdf/ijerph-19-00527.pdf>
65. Mimi R. FAKTOR-FAKTOR YANG BERHUBUNGAN DENGAN KELUHAN PERNAFASAN PADA PEKERJA PEMBUAT FURNITURE DI KECAMATAN MEDAN JOHOR TAHUN 2017. Universitas Sumatera Utara; 2018.
66. Andika, F & Faradilla. FAKTOR RISIKO KEJADIAN HIPERTENSI DI RUMAH SAKIT UMUM DAERAH DR. ZAINOEL ABIDIN PROVINSI ACEH. *J Publ Kesehat Masy Indones*. 2019;6(1):21–6.
67. Ismail L, Sahrudin, Karma I. Analisis Faktor Risiko Kejadian Penyakit Paru Obstruktif Kronik (PPOK) di Wilayah Kerja Puskesmas Lepo-Lepo Kota Kendari Tahun 2017. *J Ilm Mhs Kesehat Masy*. 2017;2(6).
68. Tao Z, Jing Xu, Wei C, Zhitao Y, et.al. Anaemia is associated with severe illness in COVID-19: a retrospective cohort study. *J Med Virol*. 2021;93(3):1478–88.
69. González-Andrade F. Post-COVID-19 conditions in Ecuadorian patients: an observational study. *Lancet Reg Heal Am*. 2022;5.
70. Bregman J, Ballin M, Nordstrom A, Nordstrom P. Risk factors for COVID-19 diagnosis, hospitalization, and subsequent all-cause mortality in Sweden: a nationwide study. *Eur J Epidemiol*. 2021;36(3):287–98.
71. Lighter J, Michael P, Sarah H, et.al. Obesity in patients younger than 60 years is a risk factor for Covid-19 hospital admission. *Clin Infect Dis*. 2020;71(15):896–7.
72. Al-Salameh A, Lanoix JP, Bennis Y, Andrejak C, et.al. Characteristics and outcomes of COVID-19 in hospitalized patients with and without diabetes. *Diabetes Metab Res Rev*. 2021;37(3).
73. Osikomaiya B, Erinoso O, Wright KO, Odusola AO, Thomas B, Adeyemi O, et al. ‘Long COVID’: persistent COVID-19 symptoms in survivors managed in Lagos State, Nigeria. *BMC Infect Dis* [Internet]. 2021;21(1):1–7. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7993075/pdf/12879_2020_Article_5716.pdf
74. Righi E, Massimo M, Fulvia M, et al. Determinants of Persistence of Symptoms and Impact on Physical and Mental Wellbeing in Long COVID: A prospective Cohort Study. *J Infect*. 2022;
75. Nindrea RD. Pengantar Langkah-Langkah Praktis Studi Meta Analisis. Hardisman, editor. Yogyakarta: gosyen publishing; 2016.

76. Moher D, Liberati A, Tetzlaff J, Altman DG. Preferred Reporting Items for Systematic Reviews and Meta-Analyses: The PRISMA Statement. *PLoS Med* [Internet]. 2009;6(7). Available from: www.prisma-statement.org
77. World Health Organization. Living guidance for clinical management of COVID-19 [Internet]. 2021. Available from: <https://www.who.int/teams/health-care-readiness-clinical-unit/covid-19>
78. Dahlan M. Pengantar Meta-Analisis. Sumedang: Epidemiologi Indonesia; 2012.
79. Cochrane UK. How to read a forest plot? [Internet]. 2016. Available from: <https://uk.cochrane.org/>
80. Salvatori S, Baldassarre F, Mossa M, Monteleone G. Long COVID in inflammatory bowel diseases. *J Clin Med*. 2021;10(23):4–9.
81. Menges D, Ballouz T, Anagnostopoulos A, Aschmann HE, Domenghino A, Fehr JS, et al. Burden of post-COVID-19 syndrome and implications for healthcare service planning: A population-based cohort study. *PLoS One*. 2021;16(7 July):1–20.
82. Tleyjeh IM, Saddik B, AlSwaidan N, AlAnazi A, Ramakrishnan RK, Alhazmi D, et al. Prevalence and predictors of Post-Acute COVID-19 Syndrome (PACS) after hospital discharge: A cohort study with 4 months median follow-up. *PLoS One* [Internet]. 2021;16(12 December):1–16. Available from: <http://dx.doi.org/10.1371/journal.pone.0260568>
83. Mahmud R, Rahman MM, Rassel MA, Monayem FB, Sayeed SKJB, Islam MS, et al. Post-COVID-19 syndrome among symptomatic COVID-19 patients: A prospective cohort study in a tertiary care center of Bangladesh. *PLoS One* [Internet]. 2021;16(4 April):1–14. Available from: <http://dx.doi.org/10.1371/journal.pone.0249644>
84. Jones R, Davis A, Stanley B, Julious S, Ryan D, Jackson DJ, et al. Risk Predictors and Symptom Features of Long COVID Within a Broad Primary Care Patient Population Including Both Tested and Untested Patients. *Pragmatic Obs Res*. 2021;Volume 12(July):93–104.
85. Messin L, Puyraveau M, Benabdallah Y, Lepiller Q, Gendrin V, Zayet S, et al. COVEVOL: Natural evolution at 6 months of COVID-19. *Viruses*. 2021;13(11):1–16.
86. Kersten J, Baumhardt M, Hartveg P, Hoyo L, Hüll E, Imhof A, et al. Long COVID: Distinction between organ damage and deconditioning. *J Clin Med*. 2021;10(17).
87. Malinowska A, Muchlado M, Ślizień Z, Biedunkiewicz B, Heleniak Z, Dębska-ślizień A, et al. Post-covid-19 syndrome and decrease in health-related quality of life in kidney transplant recipients after sars-cov-2 infection—a cohort longitudinal study from the north of poland. *J Clin Med*. 2021;10(21).
88. Bende F, Tudoran C, Sporea I, Fofiu R, Bâldea V, Cotrău R, et al. A multidisciplinary approach to evaluate the presence of hepatic and cardiac

abnormalities in patients with post-acute COVID-19 syndrome—a pilot study. *J Clin Med.* 2021;10(11):1–15.

89. Loosen SH, Jensen B-EO, Tanislav C, Luedde T, Roderburg C, Kostev K. Obesity and lipid metabolism disorders determine the risk for development of long COVID syndrome: a cross-sectional study from 50,402 COVID-19 patients. *Infection* [Internet]. 2022;(0123456789). Available from: <https://doi.org/10.1007/s15010-022-01784-0>
90. Scherer P, John P, Clifford J. Post Acute Sequelae of COVID-19: A Metabolic Perspective. *Elife.* 2022;11(e78200).

