

DAFTAR PUSTAKA

1. Lotfi M, Hamblin MR, Rezaei N. COVID-19: Transmission, prevention, and potential therapeutic opportunities. *Clin Chim Acta*. 2020 Sep;508:254–66.
2. Cascella M, Rajnik M, Aleem A, Dulebohn SC, Di Napoli R. Features, Evaluation, and Treatment of Coronavirus (COVID-19). In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 [cited 2021 Aug 30]. Available from: <http://www.ncbi.nlm.nih.gov/books/NBK554776/>
3. COVID-19 WRP. Beranda [Internet]. covid19.go.id. [cited 2021 Sep 5]. Available from: <https://covid19.go.id/>
4. Advice for the public on COVID-19 – World Health Organization [Internet]. [cited 2021 Aug 30]. Available from: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public>
5. Immunization [Internet]. [cited 2021 Aug 30]. Available from: <https://www.who.int/news-room/facts-in-pictures/detail/immunization>
6. Randolph HE, Barreiro LB. Herd Immunity: Understanding COVID-19. *Immunity*. 2020 May 19;52(5):737–41.
7. Indonesia – COVID19 Vaccine Tracker [Internet]. [cited 2021 Aug 30]. Available from: <https://covid19.trackvaccines.org/country/indonesia/>
8. Klaten PDKK. Kenali dan Awasi Kejadian Ikutan Pasca Imunisasi (KIPI) [Internet]. Promkes Dinas Kesehatan Kabupaten Klaten. 2021 [cited 2021 Aug 30]. Available from: <http://dinkes.klatenkab.go.id/promkes/2021/06/11/kenali-dan-awasi-kejadian-ikutan-pasca-imunisasi-kipi/>

9. Pormohammad A, Zarei M, Ghorbani S, Mohammadi M, Razizadeh MH, Turner DL, et al. Efficacy and Safety of COVID-19 Vaccines: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. *Vaccines*. 2021 May 6;9(5):467.
10. After your AstraZeneca COVID-19 vaccination - 20042021 - Indonesian. :3.
11. Xia S, Duan K, Zhang Y, Zhao D, Zhang H, Xie Z, et al. Effect of an Inactivated Vaccine Against SARS-CoV-2 on Safety and Immunogenicity Outcomes: Interim Analysis of 2 Randomized Clinical Trials. *JAMA*. 2020 Sep 8;324(10):951–60.
12. Justiz Vaillant AA, Grella MJ. Vaccine (Vaccination). In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 [cited 2021 Aug 30]. Available from: <http://www.ncbi.nlm.nih.gov/books/NBK532895/>
13. Alhazmi A, Alamer E, Daws D, Hakami M, Darraj M, Abdelwahab S, et al. Evaluation of Side Effects Associated with COVID-19 Vaccines in Saudi Arabia. *Vaccines*. 2021 Jun 18;9(6):674.
14. Rustiadi E, Pribadi D, Pravitasari A, Indraprahasta GS, Iman LO. Jabodetabek Megacity: From City Development Toward Urban Complex Management System. In 2015. p. 421–45.
15. Yuki K, Fujiogi M, Koutsogiannaki S. COVID-19 pathophysiology: A review. *Clin Immunol*. 2020 Jun;215:108427.

16. Dhama K, Khan S, Tiwari R, Sircar S, Bhat S, Malik YS, et al. Coronavirus Disease 2019–COVID-19. *Clin Microbiol Rev.* 2020 Jun 24;33(4):e00028-20.
17. Transmission of SARS-CoV-2: implications for infection prevention precautions [Internet]. [cited 2021 Aug 30]. Available from: <https://www.who.int/news-room/commentaries/detail/transmission-of-sars-cov-2-implications-for-infection-prevention-precautions>
18. Kisling LA, M Das J. Prevention Strategies. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 [cited 2021 Aug 30]. Available from: <http://www.ncbi.nlm.nih.gov/books/NBK537222/>
19. GÜNER R, HASANOĞLU İ, AKTAŞ F. COVID-19: Prevention and control measures in community. *Turk J Med Sci.* 2020 Apr 21;50(3):571–7.
20. CDC. Labs [Internet]. Centers for Disease Control and Prevention. 2020 [cited 2021 Aug 31]. Available from: <https://www.cdc.gov/coronavirus/2019-ncov/lab/testing.html>
21. Hospitalized Adults: Therapeutic Management [Internet]. COVID-19 Treatment Guidelines. [cited 2021 Aug 31]. Available from: <https://www.covid19treatmentguidelines.nih.gov/management/clinical-management/hospitalized-adults--therapeutic-management/>
22. Vaccines – COVID19 Vaccine Tracker [Internet]. [cited 2021 Sep 5]. Available from: <https://covid19.trackvaccines.org/vaccines/approved/#vaccine-list>

23. COVID-19 vaccines. In: Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006 [cited 2021 Aug 31]. Available from: <http://www.ncbi.nlm.nih.gov/books/NBK565969/>
24. Tatsis N, Ertl HCJ. Adenoviruses as vaccine vectors. *Mol Ther*. 2004 Oct;10(4):616–29.
25. Tang L, Zhu Q, Qin E, Yu M, Ding Z, Shi H, et al. Inactivated SARS-CoV Vaccine Prepared from Whole Virus Induces a High Level of Neutralizing Antibodies in BALB/c Mice. *DNA and Cell Biology*. 2004 Jun 1;23(6):391–4.
26. Subunit vaccines of the future: the need for safe, customized and optimized particulate delivery systems | Therapeutic Delivery [Internet]. [cited 2021 Sep 5]. Available from: https://www.future-science.com/doi/10.4155/tde.11.68?url_ver=Z39.88-2003&rft_id=ori%3Arid%3Acrossref.org&rft_dat=cr_pub++0pubmed
27. DNA vaccines: a review - Liu - 2003 - Journal of Internal Medicine - Wiley Online Library [Internet]. [cited 2021 Sep 5]. Available from: <https://onlinelibrary.wiley.com/doi/full/10.1046/j.1365-2796.2003.01140.x?sid=nlm%3Apubmed>
28. How do vaccines work? [Internet]. [cited 2021 Sep 5]. Available from: <https://www.who.int/news-room/feature-stories/detail/how-do-vaccines-work>
29. Bettini E, Locci M. SARS-CoV-2 mRNA Vaccines: Immunological Mechanism and Beyond. *Vaccines (Basel)*. 2021 Feb 12;9(2):147.
30. Xu S, Yang K, Li R, Zhang L. mRNA Vaccine Era—Mechanisms, Drug Platform and Clinical Prospection. *Int J Mol Sci*. 2020 Sep 9;21(18):6582.

31. Chang J. Adenovirus Vectors: Excellent Tools for Vaccine Development. *Immune Netw.* 2021 Feb 15;21(1):e6.
32. Gray GC, Erdman DD. Adenovirus Vaccines. *Plotkin's Vaccines.* 2018;121-133.e8.
33. Heinz FX, Stiasny K. Profiles of current COVID-19 vaccines. *Wien Klin Wochenschr.* 2021;133(7):271–83.
34. Jarzab A, Skowicki M, Witkowska D. [Subunit vaccines--antigens, carriers, conjugation methods and the role of adjuvants]. *Postepy Hig Med Dosw (Online).* 2013 Nov 27;67:1128–43.
35. Coban C, Kobiyama K, Jounai N, Tozuka M, Ishii KJ. DNA vaccines. *Hum Vaccin Immunother.* 2013 Oct 1;9(10):2216–21.
36. Selby M, Walker CM, Ulmer JB. Mechanisms of action of DNA vaccines. *Expert Opin Investig Drugs.* 1998 Dec;7(12):1987–95.
37. MODULE 3 – Vaccine reactions - WHO Vaccine Safety Basics [Internet]. [cited 2021 Sep 5]. Available from: <https://vaccine-safety-training.org/vaccine-reactions.html>
38. Reactogenicity - an overview | ScienceDirect Topics [Internet]. [cited 2021 Sep 5]. Available from: <https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/reactogenicity>
39. Morel S, Didierlaurent A, Bourguignon P, Delhay S, Baras B, Jacob V, et al. Adjuvant System AS03 containing α -tocopherol modulates innate immune response and leads to improved adaptive immunity. *Vaccine.* 2011 Mar 16;29(13):2461–73.

40. Hervé C, Laupèze B, Del Giudice G, Didierlaurent AM, Tavares Da Silva F. The how's and what's of vaccine reactogenicity. *NPJ Vaccines*. 2019;4:39.
41. John Beard, Ferguson L. World report on Ageing And Health. WHO [Internet]. Available from: https://apps.who.int/iris/bitstream/handle/10665/186463/9789240694811_eng.pdf
42. McCarty JM, Lock MD, Bennett S, Hunt KM, Simon JK, Gurwith M. Age-related immunogenicity and reactogenicity of live oral cholera vaccine CVD 103-HgR in a randomized, controlled clinical trial. *Vaccine*. 2019 Mar 7;37(11):1389–97.
43. Fischinger S, Boudreau CM, Butler AL, Streeck H, Alter G. Sex differences in vaccine-induced humoral immunity. *Semin Immunopathol*. 2019 Mar 1;41(2):239–49.
44. The course of the adaptive response to infection - Immunobiology - NCBI Bookshelf [Internet]. [cited 2021 Sep 1]. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK27125/>
45. Ebinger JE, Fert-Bober J, Printsev I, Wu M, Sun N, Prostko JC, et al. Antibody responses to the BNT162b2 mRNA vaccine in individuals previously infected with SARS-CoV-2. *Nat Med*. 2021 Jun;27(6):981–4.
46. Trevejo-Nunez G, Kolls JK, de Wit M. Alcohol Use As a Risk Factor in Infections and Healing. *Alcohol Res*. 2015;37(2):177–84.
47. Qiu F, Liang CL, Liu H, Zeng YQ, Hou S, Huang S, et al. Impacts of cigarette smoking on immune responsiveness: Up and down or upside down? *Oncotarget*. 2016 Nov 25;8(1):268–84.

48. Strzelak A, Ratajczak A, Adamiec A, Feleszko W. Tobacco Smoke Induces and Alters Immune Responses in the Lung Triggering Inflammation, Allergy, Asthma and Other Lung Diseases: A Mechanistic Review. *IJERPH*. 2018 May 21;15(5):1033.
49. Rasmussen TH, Mortz CG, Georgsen TK, Rasmussen HM, Kjaer HF, Bindslev-Jensen C. Patients with suspected allergic reactions to COVID-19 vaccines can be safely revaccinated after diagnostic work-up. *Clinical and Translational Allergy*. 2021;11(5):e12044.
50. Kidd BA, Wroblewska A, Boland MR, Agudo J, Merad M, Tatonetti NP, et al. Mapping the effects of drugs on the immune system. *Nat Biotechnol*. 2016 Jan;34(1):47–54.
51. Charles A Janeway J, Travers P, Walport M, Shlomchik MJ. Infectious agents and how they cause disease. *Immunobiology: The Immune System in Health and Disease* 5th edition [Internet]. 2001 [cited 2021 Sep 5]; Available from: <https://www.ncbi.nlm.nih.gov/books/NBK27114/>
52. Principles of Epidemiology | Lesson 1 - Section 9 [Internet]. 2020 [cited 2021 Oct 26]. Available from: <https://www.cdc.gov/csels/dsepd/ss1978/lesson1/section9.html>
53. Lesourd B. Immune response during disease and recovery in the elderly. *Proc Nutr Soc*. 1999 Feb;58(1):85–98.
54. Convalescence - an overview | ScienceDirect Topics [Internet]. [cited 2021 Oct 26]. Available from: <https://www.sciencedirect.com/topics/medicine-and-dentistry/convalescence>

55. Horsfall FL. Factors Contributing to Recovery from Viral Diseases. *Can Med Assoc J.* 1961 Jun 3;84(22):1221–6.
56. Barreto ML, Teixeira MG, Carmo EH. Infectious diseases epidemiology. *J Epidemiol Community Health.* 2006 Mar;60(3):192–5.
57. Murillo H, Restrepo CS, Marmol-Velez JA, Vargas D, Ocazonez D, Martinez-Jimenez S, et al. Infectious Diseases of the Heart: Pathophysiology, Clinical and Imaging Overview. *RadioGraphics.* 2016 Jul 1;36(4):963–83.
58. Kwetkat A, Heppner HJ. Comorbidities in the Elderly and Their Possible Influence on Vaccine Response. *Vaccines for Older Adults: Current Practices and Future Opportunities.* 2020;43:73–85.
59. Immunogenicity and reactogenicity of a heterologous COVID-19 prime-boost vaccination compared with homologous vaccine regimens | medRxiv [Internet]. [cited 2021 Sep 5]. Available from: <https://www.medrxiv.org/content/10.1101/2021.06.13.21258859v1>
60. McDonald I, Murray SM, Reynolds CJ, Altmann DM, Boyton RJ. Comparative systematic review and meta-analysis of reactogenicity, immunogenicity and efficacy of vaccines against SARS-CoV-2. *npj Vaccines.* 2021 Dec;6(1):74.
61. Adverse events following immunization (AEFI) [Internet]. [cited 2021 Sep 11]. Available from: <https://www.who.int/teams/regulation-prequalification/regulation-and-safety/pharmacovigilance/health-professionals-info/aeft>

62. MODUL 3 – Klasifikasi KIPI - DASAR KEAMANAN VAKSIN WHO [Internet]. [cited 2021 Sep 11]. Available from: <https://in.vaccine-safety-training.org/classification-of-aefis.html>
63. MODUL 3 – Reaksi vaksin - DASAR KEAMANAN VAKSIN WHO [Internet]. [cited 2021 Sep 11]. Available from: <https://in.vaccine-safety-training.org/vaccine-reactions.html>
64. PU-net [Internet]. [cited 2021 Sep 5]. Available from: <http://perkotaan.bpiw.pu.go.id/v2/metropolitan>
65. Jakarta Tanggap COVID-19 [Internet]. Jakarta Tanggap COVID-19. [cited 2021 Sep 5]. Available from: <https://corona.jakarta.go.id/id>
66. Pusat Informasi & Koordinasi COVID-19 [Internet]. [cited 2021 Sep 5]. Available from: <http://www.covid19.kotabogor.go.id/>
67. Kota Depok I Covid-19 [Internet]. [cited 2021 Sep 5]. Available from: <https://ccc-19.depok.go.id/>
68. Covid19 Pemerintah Kota Tangerang [Internet]. covid19.tangerangkota.go.id. [cited 2021 Sep 5]. Available from: <https://covid19.tangerangkota.go.id/>
69. Covid-19 Kota Bekasi [Internet]. Available from: <https://corona.bekasikota.go.id/>
70. Pemerintah Kota Bekasi - pemkot beksi update capaian vaksinasi covid 19 per 9 agustus 2021. [Internet]. [cited 2021 Sep 5]. Available from: <https://www.bekasikota.go.id/detail/pemkot-bekasi-update-capaian-vaksinasi-covid-19-per-9-agustus-2021>

71. Pemerintah Kota Bogor [Internet]. [cited 2021 Sep 5]. Available from: https://kotabogor.go.id/index.php/show_post/detail/100952
72. Badan Pengawas Obat dan Makanan - Republik Indonesia [Internet]. [cited 2021 Sep 5]. Available from: <https://www.pom.go.id/new/view/more/pers/618/Badan-POM-Terbitkan-EUA-Comirnaty--Vaksin-COVID-19-Pfizer---Sebagai-Vaksin-Kedua-Platform-mRNA.html>
73. Nuswantari, D. Kamus saku kedokteran. EGC. Jakarta; 1998.
74. Hungu. Pengertian Jenis Kelamin. Jakarta: PT. Gramedia; 2007.
75. Lasting immunity found after recovery from COVID-19 [Internet]. National Institutes of Health (NIH). 2021 [cited 2021 Sep 12]. Available from: <https://www.nih.gov/news-events/nih-research-matters/lasting-immunity-found-after-recovery-covid-19>
76. Drinking Levels Defined | National Institute on Alcohol Abuse and Alcoholism (NIAAA) [Internet]. [cited 2021 Sep 12]. Available from: <https://www.niaaa.nih.gov/alcohol-health/overview-alcohol-consumption/moderate-binge-drinking>
77. smoking | Definition, Types, Effects, History, & Facts [Internet]. Encyclopedia Britannica. [cited 2021 Sep 12]. Available from: <https://www.britannica.com/topic/smoking-tobacco>
78. Food Allergy [Internet]. National Library of Medicine; [cited 2021 Sep 12]. Available from: <https://medlineplus.gov/foodallergy.html>

79. Drug Delivery Systems [Internet]. [cited 2021 Sep 12]. Available from: <https://www.nibib.nih.gov/science-education/science-topics/drug-delivery-systems-getting-drugs-their-targets-controlled-manner>
80. Drexler M, Medicine (US) I of. How Infection Works [Internet]. What You Need to Know About Infectious Disease. National Academies Press (US); 2010 [cited 2021 Sep 12]. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK209710/>
81. Meghani SH, Buck HG, Dickson VV, Hammer MJ, Rabelo-Silva ER, Clark R, et al. The Conceptualization and Measurement of Comorbidity: A Review of the Interprofessional Discourse. *Nurs Res Pract.* 2013;2013:192782.
82. COVID-19 WRP. 2 Dosis Vaksin COVID-19 Ini Tujuannya! - Masyarakat Umum [Internet]. covid19.go.id. [cited 2021 Sep 12]. Available from: <https://covid19.go.id/p/masyarakat-umum/2-dosis-vaksin-covid-19-ini-tujuannya>
83. MODUL 2 – Jenis vaksin - DASAR KEAMANAN VAKSIN WHO [Internet]. [cited 2021 Sep 12]. Available from: <https://in.vaccine-safety-training.org/types-of-vaccine.html>
84. COVID-19 WRP. Apa itu KIPi (Kejadian Ikutan Pasca Imunisasi)? - KIPi [Internet]. covid19.go.id. [cited 2021 Sep 12]. Available from: <https://covid19.go.id/edukasi/kipi/apa-itu-kipi-kejadian-ikutan-pasca-imunisasi>
85. Riad A, Pokorná A, Attia S, Klugarová J, Koščík M, Klugar M. Prevalence of COVID-19 Vaccine Side Effects among Healthcare Workers in the Czech Republic. *JCM.* 2021 Apr 1;10(7):1428.

86. Riad A, Sađırođlu D, Üstün B, Pokorná A, Klugarová J, Attia S, et al. Prevalence and Risk Factors of CoronaVac Side Effects: An Independent Cross-Sectional Study among Healthcare Workers in Turkey. *JCM*. 2021 Jun 15;10(12):2629.
87. Wigand P, Blettner M, Saloga J, Decker H. Prevalence of Wine Intolerance. *Dtsch Arztebl Int*. 2012 Jun;109(25):437–44.
88. Gómez RM, Croce VH, Zernotti ME, Muiño JC. Active smoking effect in allergic rhinitis. *World Allergy Organization Journal* [Internet]. 2021 Feb 1 [cited 2021 Sep 26];14(2). Available from: [https://www.worldallergyorganizationjournal.org/article/S1939-4551\(20\)30407-5/fulltext](https://www.worldallergyorganizationjournal.org/article/S1939-4551(20)30407-5/fulltext)
89. Klein NP, Lewis N, Goddard K, Fireman B, Zerbo O, Hanson KE, et al. Surveillance for Adverse Events After COVID-19 mRNA Vaccination. *JAMA* [Internet]. 2021 Sep 3 [cited 2021 Sep 26]; Available from: <https://jamanetwork.com/journals/jama/fullarticle/2784015>
90. Klugar M, Riad A, Mekhemar M, Conrad J, Buchbender M, Howaldt HP, et al. Side Effects of mRNA-Based and Viral Vector-Based COVID-19 Vaccines among German Healthcare Workers. *Biology*. 2021 Aug 5;10(8):752.
91. Elnaem MH, Mohd Taufek NH, Ab Rahman NS, Mohd Nazar NI, Zin CS, Nuffer W, et al. COVID-19 Vaccination Attitudes, Perceptions, and Side Effect Experiences in Malaysia: Do Age, Gender, and Vaccine Type Matter? *Vaccines*. 2021 Oct 9;9(10):1156.

92. Saeed BQ, Al-Shahrabi R, Alhaj SS, Alkokhardi ZM, Adrees AO. Side effects and perceptions following Sinopharm COVID-19 vaccination. *International Journal of Infectious Diseases*. 2021 Oct;111:219–26.
93. J clin I. Causes, consequences, and reversal of immune system aging. The American Society for Clinical Investigation [Internet]. 2013 Mar; Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3582124/>
94. Anna R, simona A. The influence of sex and gender on immunity, infection and vaccination.
95. Hung SI, Preclaro IAC, Chung WH, Wang CW. Immediate Hypersensitivity Reactions Induced by COVID-19 Vaccines: Current Trends, Potential Mechanisms and Prevention Strategies. *Biomedicine*. 2022 May 28;10(6):1260.
96. Pietro F, Vincenza G. The Effect of Smoking on Humoral Response to COVID-19 Vaccines: A Systematic Review of Epidemiological Studies. 2022 February;(COVID-19 Vaccines: The Way Back to Normal Life is Now Marked). Available from: <https://www.mdpi.com/2076-393X/10/2/303/htm>
97. Elena O, Walter M. Long COVID: to investigate immunological mechanisms and sex/gender related aspects as fundamental steps for tailored therapy. *European Respiratory Journal*.