

References

1. Channappanavar R, Perlman S. Pathogenic human coronavirus infections: causes and consequences of cytokine storm and immunopathology. *Seminars in immunopathology*. 2017 Jul;39(5):529-39.
2. International Committee on Taxonomy of Viruses (ICTV). Virus Taxonomy: The Classification and Nomenclature of Viruses The 9th Report of the ICTV (2011) [14 January 2020]. Available from: https://talk.ictvonline.org/ictv-reports/ictv_9th_report/.
3. Yin Y, Wunderink RG. MERS, SARS and other coronaviruses as causes of pneumonia. *Respirology (Carlton, Vic)*. 2018 Feb;23(2):130-7.
4. World Health Organization (WHO). WHO Statement regarding cluster of pneumonia cases in Wuhan, China 2020 [14 Januray 2020]. Available from: <https://www.who.int/china/news/detail/09-01-2020-who-statement-regarding-cluster-of-pneumonia-cases-in-wuhan-china>.
5. World Health Organization (WHO). Novel Coronavirus – China 2020 [14 January 2020]. Available from: <https://www.who.int/csr/don/12-january-2020-novel-coronavirus-china/en/>.
6. Kissler SM, Tedijanto C, Goldstein E, Grad YH, Lipsitch M. Projecting the transmission dynamics of SARS-CoV-2 through the postpandemic period. *Science*. 2020;368(6493):860-8.
7. van Dorp L, Acman M, Richard D, Shaw LP, Ford CE, Ormond L, et al. Emergence of genomic diversity and recurrent mutations in SARS-CoV-2. *Infection, Genetics and Evolution*. 2020 2020/09/01/;83:104351.
8. Zhang Y-Z, Holmes EC. A Genomic Perspective on the Origin and Emergence of SARS-CoV-2. *Cell*. 2020 2020/04/16/;181(2):223-7.
9. Zhang T, Wu Q, Zhang Z. Probable Pangolin Origin of SARS-CoV-2 Associated with the COVID-19 Outbreak. *Current Biology*. 2020 2020/04/06/;30(7):1346-51.e2.
10. Hu B, Zeng L-P, Yang X-L, Ge X-Y, Zhang W, Li B, et al. Discovery of a rich gene pool of bat SARS-related coronaviruses provides new insights into the origin of SARS coronavirus. *PLOS Pathogens*. 2017;13(11):e1006698.
11. Li X, Zai J, Zhao Q, Nie Q, Li Y, Foley BT, et al. Evolutionary history, potential intermediate animal host, and cross-species analyses of SARS-CoV-2. *Journal of Medical Virology*. 2020;92(6):602-11.
12. Othman H, Bouslama Z, Brandenburg J-T, da Rocha J, Hamdi Y, Ghedira K, et al. Interaction of the spike protein RBD from SARS-CoV-2 with ACE2: Similarity with SARS-CoV, hot-spot analysis and effect of the receptor polymorphism. *Biochemical and Biophysical Research Communications*. 2020 2020/06/30/;527(3):702-8.
13. Andersen KG, Rambaut A, Lipkin WI, Holmes EC, Garry RF. The proximal origin of SARS-CoV-2. *Nature Medicine*. 2020 2020/04/01/;26(4):450-2.
14. GISAID 2020 [9 June 2020]. Available from: <https://www.gisaid.org/>.
15. Year-letter Genetic Clade Naming for SARS-CoV-2 on Nextstain.org 2020 [9 June 2020]. Available from: <https://virological.org/t/year-letter-genetic-clade-naming-for-sars-cov-2-on-nextstain-org/498/2>.
16. Rambaut A, Holmes EC, Hill V, O'Toole Á, McCrone J, Ruis C, et al. A dynamic nomenclature proposal for SARS-CoV-2 to assist genomic epidemiology. *bioRxiv*. 2020:2020.04.17.046086.
17. Korber B, Fischer W, Gnanakaran S, Yoon H, Theiler J, Abfalterer W, et al. Spike mutation pipeline reveals the emergence of a more transmissible form of SARS-CoV-2. *bioRxiv*. 2020:2020.04.29.069054.
18. Trucchi E, Gratton P, Mafessoni F, Motta S, Cicconardi F, Bertorelle G, et al. Unveiling diffusion pattern and structural impact of the most invasive SARS-CoV-2 spike mutation. *bioRxiv*. 2020:2020.05.14.095620.

19. Pattabiraman C, Habib F, Tamma K. Perspectives on SARS-CoV-2 Strains: Observer Research Foundation; 2020. Available from: <https://www.orfonline.org/research/perspectives-on-sars-cov-2-strains-67003/>.
20. Li F. Structure, Function, and Evolution of Coronavirus Spike Proteins. *Annu Rev Virol*. 2016;3(1):237-61.
21. Walls AC, Park Y-J, Tortorici MA, Wall A, McGuire AT, Veasler D. Structure, Function, and Antigenicity of the SARS-CoV-2 Spike Glycoprotein. *Cell*. 2020 2020/04/16/;181(2):281-92.e6.
22. van Dorp L, Richard D, Tan CC, Shaw LP, Acman M, Balloux F. No evidence for increased transmissibility from recurrent mutations in SARS-CoV-2. *bioRxiv*. 2020:2020.05.21.108506.
23. European Centre for Disease Prevention and Control (ECDC). *primerscan.ecdc.europa.eu*. Stockholm: ECDC; [7 April, 2020]. Available from: <https://primerscan.ecdc.europa.eu/?assay=Overview>.
24. Luo W, Majumder MS, Liu D, Poirier C, Mandl KD, Lipsitch M, et al. The role of absolute humidity on transmission rates of the COVID-19 outbreak. *medRxiv*. 2020:2020.02.12.20022467.
25. Araujo MB, Naimi B. Spread of SARS-CoV-2 Coronavirus likely to be constrained by climate. *medRxiv*. 2020:2020.03.12.20034728.
26. Sajadi M M, Habibzadeh P, Vintzileos A, Shokouhi S, Miralles-Wilhelm F, Amoroso A. Temperature, Humidity and Latitude Analysis to Predict Potential Spread and Seasonality for COVID-19 SSRN. 2020.
27. Yao Y, Pan J, Liu Z, Meng X, Wang W, Kan H, et al. No association of COVID-19 transmission with temperature or UV radiation in Chinese cities. *Eur Respir J*. 2020;55(5):2000517.
28. Bukhari Q, Jamee Y, Will Coronavirus Pandemic Diminish by Summer? . Will coronavirus pandemic diminish by summer? SSRN. 2020.
29. J. W, Tang K, Feng K, Lin X, Lv W, Chen K, et al. High Temperature and High Humidity Reduce the Transmission of COVID-19. SSRN. 2020.
30. Baker RE, Yang W, Vecchi GA, Metcalf CJE, Grenfell BT. Susceptible supply limits the role of climate in the early SARS-CoV-2 pandemic. *Science*. 2020:eabc2535.
31. van Doremalen N, Bushmaker T, Morris DH, Holbrook MG, Gamble A, Williamson BN, et al. Aerosol and Surface Stability of SARS-CoV-2 as Compared with SARS-CoV-1. *New England Journal of Medicine*. 2020.
32. Chin AWH, Chu JTS, Perera MRA, Hui KPY, Yen H-L, Chan MCW, et al. Stability of SARS-CoV-2 in different environmental conditions. *The Lancet Microbe*. 2020 2020/04/02/.
33. Cheng VCC, Wong S-C, Chen JHK, Yip CCY, Chuang VWM, Tsang OTY, et al. Escalating infection control response to the rapidly evolving epidemiology of the Coronavirus disease 2019 (COVID-19) due to SARS-CoV-2 in Hong Kong. *Infection Control & Hospital Epidemiology*. 2020:1-24.
34. Ong SWX, Tan YK, Chia PY, Lee TH, Ng OT, Wong MSY, et al. Air, Surface Environmental, and Personal Protective Equipment Contamination by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) From a Symptomatic Patient. *JAMA*. 2020.
35. Ye G, Lin H, Chen L, Wang S, Zeng Z, Wang W, et al. Environmental contamination of the SARS-CoV-2 in healthcare premises: An urgent call for protection for healthcare workers. *medRxiv*. 2020:2020.03.11.20034546.
36. Novo C. Spanish Research Council scientists explain SARS-CoV-2 transmission in beaches and pools Madrid [1 June 2020]. Available from: <https://smartwatermagazine.com/news/smart-water-magazine/spanish-research-council-scientists-explain-sars-cov-2-transmission>.
37. Allende A, Andres A, Figueras Huerta A, Grimlt JO, Prieto de Castro C, Sanchez Moraga G. Informe sobre transmisión del SARS-CoV-2 en playas y piscinas. Madrid: Consejo Superior de Investigaciones Científicas (España), 2020.
38. Medema G, Heijnen L, Elsinga G, Italiaander R, Brouwer A. Presence of SARS-Coronavirus-2 in sewage. *medRxiv*. 2020:2020.03.29.20045880.
39. Wu F, Xiao A, Zhang J, Gu X, Lee WL, Kauffman K, et al. SARS-CoV-2 titers in wastewater are higher than expected from clinically confirmed cases. *medRxiv*. 2020:2020.04.05.20051540.

40. Lodder W, de Roda Husman AM. SARS-CoV-2 in wastewater: potential health risk, but also data source. *The Lancet Gastroenterology & Hepatology*. 2020 Jun;5(6):533-4.
41. Virus in wastewater: not a pathogen, but a good indicator: De Standaard; 2020. Available from: https://www.standaard.be/cnt/DMF20200410_04919728.
42. World Health Organization (WHO). Water, sanitation, hygiene and waste management for the COVID-19 virus. Technical brief. 3 March 2020: WHO; 2020. Available from: https://apps.who.int/iris/bitstream/handle/10665/331305/WHO-2019-nCoV-IPC_WASH-2020.1-eng.pdf?sequence=1&isAllowed=y.
43. Zimmermann P, Curtis N. Coronavirus Infections in Children Including COVID-19: An Overview of the Epidemiology, Clinical Features, Diagnosis, Treatment and Prevention Options in Children. *The Pediatric Infectious Disease Journal*. 2020;39(5):355-68.
44. Dong Y, Mo X, Hu Y, Qi X, Jiang F, Jiang Z, et al. Epidemiology of COVID-19 Among Children in China. *Pediatrics*. 2020 Mar 16.
45. Streng A, Hartmann K, Armann J, Berner R, Liese JG. [COVID-19 in hospitalized children and adolescents]. *Monatsschrift Kinderheilkunde: Organ der Deutschen Gesellschaft für Kinderheilkunde*. 2020 Apr 21:1-12.
46. Parri N, Lenge M, Buonsenso D. Children with Covid-19 in Pediatric Emergency Departments in Italy. *The New England Journal of Medicine*. 2020 May 1.
47. Garazzino S, Montagnani C, Donà D, Meini A, Felici E, Vergine G, et al. Multicentre Italian study of SARS-CoV-2 infection in children and adolescents, preliminary data as at 10 April 2020. *Eurosurveillance*. 2020;25(18):2000600.
48. World Health Organization (WHO). Report of the WHO-China Joint Mission on Coronavirus Disease 2019 (COVID-19). Geneva: WHO; 2020 [1 March, 2020]. Available from: <https://www.who.int/docs/default-source/coronaviruse/who-china-joint-mission-on-covid-19-final-report.pdf>.
49. Streng A, Hartmann K, Armann J, Berner R, Liese JG. COVID-19 in hospitalized children and adolescents. *Monatsschrift Kinderheilkunde: Organ der Deutschen Gesellschaft für Kinderheilkunde*. 2020 Apr 21:1-12.
50. Dong XC, Li JM, Bai JY, Liu ZQ, Zhou PH, Gao L, et al. The epidemiological characteristics of an outbreak of 2019 novel coronavirus diseases (COVID-19) in China. *Zhonghua liu xing bing xue za zhi = Zhonghua liuxingbingxue zazhi*. 2020 2/18/medline;41(2):145-51.
51. Centers for Disease Control and Prevention (CDC). Coronavirus Disease 2019 in Children - United States, February 12-April 2, 2020. *MMWR Morb Mortal Wkly Rep*. 2020 Apr 10;69(14):422-6. [23 April, 2020]. Available from: <http://dx.doi.org/10.15585/mmwr.mm6914e4>.
52. Lavezzo E, Franchin E, Ciavarella C, Cuomo-Dannenburg G, Barzon L, Del Vecchio C, et al. Suppression of COVID-19 outbreak in the municipality of Vo, Italy. *medRxiv*. 2020:2020.04.17.20053157.
53. Gudbjartsson DF, Helgason A, Jonsson H, Magnusson OT, Melsted P, Norddahl GL, et al. Spread of SARS-CoV-2 in the Icelandic Population. *New England Journal of Medicine*. 2020.
54. Folkhälsomyndigheten (FHM). Förekomsten av covid-19 i region Stockholm, 26 mars–3 april 2020. [cited 21 April, 2020]. Available from: <https://www.folkhalsomyndigheten.se/publicerat-material/publikationsarkiv/f/forekomsten-av-covid-19-i-region-stockholm-26-mars3-april-2020/>.
55. World Health Organization (WHO). Clinical management of severe acute respiratory infection (SARI) when COVID-19 disease is suspected - Interim guidance. Geneva: World Health Organization (WHO), 2020 13/03/2020. Report No.: WHO/2019-nCoV/clinical/2020.4.
56. Zaigham M, Andersson O. Maternal and Perinatal Outcomes with COVID-19: a systematic review of 108 pregnancies. *Acta Obstet Gynecol Scand*. 2020 Apr 7.
57. Karimi-Zarchi M, Neamatzadeh H, Dastgheib SA, Abbasi H, Mirjalili SR, Behforouz A, et al. Vertical Transmission of Coronavirus Disease 19 (COVID-19) from Infected Pregnant Mothers to Neonates: A Review. *Fetal and Pediatric Pathology*. 2020:1-5.

58. Elshafeey F, Magdi R, Hindi N, Elshebiny M, Farrag N, Mahdy S, et al. A systematic scoping review of COVID-19 during pregnancy and childbirth. *International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics*. 2020 Apr 24.
59. World Health Organisation (WHO). Clinical management of COVID-19. Interim guidance.: WHO; 2020. Available from: <https://www.who.int/publications/i/item/clinical-management-of-covid-19>.
60. Sutton D, Fuchs K, D'Alton M, Goffman D. Universal Screening for SARS-CoV-2 in Women Admitted for Delivery. *The New England journal of medicine*. 2020 Apr 13.
61. Breslin N, Baptiste C, Gyamfi-Bannerman C, Miller R, Martinez R, Bernstein K, et al. COVID-19 infection among asymptomatic and symptomatic pregnant women: Two weeks of confirmed presentations to an affiliated pair of New York City hospitals. *American journal of obstetrics & gynecology MFM*. 2020 Apr 9:100118.
62. SVT Nyheter. Sjukhuset coronatestar alla gravida på förlossningen – sju procent smittade (10 April 2020). [22 April, 2020]. Available from: <https://www.svt.se/nyheter/inrikes/coronatestar-alla-gravida-pa-forlossningen-sju-procent-smittade>.
63. Wu X, Sun R, Chen J, Xie Y, Zhang S, Wang X. Radiological findings and clinical characteristics of pregnant women with COVID-19 pneumonia. *International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics*. 2020 Apr 8.
64. Della Gatta AN, Rizzo R, Pilu G, Simonazzi G. COVID19 during pregnancy: a systematic review of reported cases. *Am J Obstet Gynecol*. 2020 Apr 17.
65. Yan J, Guo J, Fan C, Juan J, Yu X, Li J, et al. Coronavirus disease 2019 (COVID-19) in pregnant women: A report based on 116 cases. *Am J Obstet Gynecol*. 2020 Apr 23.
66. Schwartz DA. An Analysis of 38 Pregnant Women with COVID-19, Their Newborn Infants, and Maternal-Fetal Transmission of SARS-CoV-2: Maternal Coronavirus Infections and Pregnancy Outcomes. *Archives of Pathology & Laboratory Medicine*.0(0):null.
67. Penfield CA, Brubaker SG, Limaye MA, Lighter J, Ratner AJ, Thomas KM, et al. Detection of SARS-COV-2 in Placental and Fetal Membrane Samples. *American journal of obstetrics & gynecology MFM*. 2020 May 8:100133.
68. Zamaniyan M, Ebadi A, Aghajanpoor Mir S, Rahmani Z, Haghshenas M, Azizi S. Preterm delivery in pregnant woman with critical COVID-19 pneumonia and vertical transmission. *Prenatal Diagnosis*.n/a(n/a).
69. Zeng H, Xu C, Fan J, Tang Y, Deng Q, Zhang W, et al. Antibodies in Infants Born to Mothers With COVID-19 Pneumonia. *JAMA*. 2020.
70. Dong L, Tian J, He S, Zhu C, Wang J, Liu C, et al. Possible Vertical Transmission of SARS-CoV-2 From an Infected Mother to Her Newborn. *JAMA*. 2020.
71. Wang S, Guo L, Chen L, Liu W, Cao Y, Zhang J, et al. A case report of neonatal COVID-19 infection in China. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2020 Mar 12.
72. Chen L, Li Q, Zheng D, Jiang H, Wei Y, Zou L, et al. Clinical Characteristics of Pregnant Women with Covid-19 in Wuhan, China. *New England Journal of Medicine*. 2020.
73. Chen H, Guo J, Wang C, Luo F, Yu X, Zhang W, et al. Clinical characteristics and intrauterine vertical transmission potential of COVID-19 infection in nine pregnant women: a retrospective review of medical records. *The Lancet*. 2020 2020/03/07/;395(10226):809-15.
74. Groß R, Conzelmann C, Müller JA, Stenger S, Steinhart K, Kirchhoff F, et al. Detection of SARS-CoV-2 in human breastmilk. *Lancet*. 2020 Jun 6;395(10239):1757-8.
75. Chinese Center for Disease Control and Prevention. Epidemic update and risk assessment of 2019 Novel Coronavirus. [29 February, 2020]. Available from: <http://www.chinacdc.cn/yyrdgz/202001/P020200128523354919292.pdf>.

76. Backer JA, Klinkenberg D, Wallinga J. Incubation period of 2019 novel coronavirus (2019-nCoV) infections among travellers from Wuhan, China, 20–28 January 2020. *Eurosurveillance*. 2020;25(5).
77. Kim D, Quinn J, Pinsky B, Shah NH, Brown I. Rates of Co-infection Between SARS-CoV-2 and Other Respiratory Pathogens. *JAMA*. 2020. Available from: <https://doi.org/10.1001/jama.2020.6266>.
78. Rawson TM, Moore LSP, Zhu N, Ranganathan N, Skolimowska K, Gilchrist M, et al. Bacterial and fungal co-infection in individuals with coronavirus: A rapid review to support COVID-19 antimicrobial prescribing. *Clinical Infectious Diseases*. 2020.
79. Istituto Superiore di Sanità (ISS). Integrated surveillance of COVID-19 in Italy: (Ordinanza n. 640 del 27/02/2020). [21 April, 2020]. Available from: https://www.epicentro.iss.it/en/coronavirus/bollettino/Infografica_17aprile%20ENG.pdf.
80. Instituto de Salud Carlos III. Informe sobre la situación de COVID-19 en España. Informe COVID-19 nº 16 de abril de 2020. [21 April, 2020]. Available from: <https://www.isciii.es/QueHacemos/Servicios/VigilanciaSaludPublicaRENAVE/EnfermedadesTransmisibles/Documents/INFORMES/Informes%20COVID-19/Informe%20n%C2%BA%2023.%20Situaci%C3%B3n%20de%20COVID-19%20en%20Espa%C3%B1a%20a%2016%20de%20abril%20de%202020.pdf>.
81. Barrasa H, Rello J, Tejada S, Martín A, Balziskueta G, Vinuesa C, et al. SARS-Cov-2 in Spanish Intensive Care: Early Experience with 15-day Survival In Vitoria. *Anaesthesia Critical Care & Pain Medicine*. 2020 2020/04/09/.
82. Folkhälsomyndigheten (FHM). Veckorapport om covid-19, vecka 15. Stockholm: FHM; [21 April, 2020]. 17 April, 2020.: [Available from: <https://www.folkhalsomyndigheten.se/folkhalsorapportering-statistik/statistik-a-o/sjukdomsstatistik/covid-19-veckorapporter/senaste-covidrapporten/>].
83. Bundesamt für Gesundheit BAG. Situationsbericht zur epidemiologischen Lage in der Schweiz und im Fürstentum Liechtenstein (20.04.2020). [21 April, 2020]. Available from: <https://www.bag.admin.ch/bag/de/home/krankheiten/ausbrueche-epidemien-pandemien/aktuelle-ausbrueche-epidemien/novel-cov/situation-schweiz-und-international.html#-1222424946>.
84. Intensive Care National Audit & Research Centre (ICNARC). ICNARC report on COVID-19 in critical care (17 April 2020). [21 April, 2020]. Available from: <https://www.icnarc.org/Our-Audit/Audits/Cmp/Reports>.
85. Simonnet A, Chetboun M, Poissy J, Raverdy V, Noulette J, Duhamel A, et al. High prevalence of obesity in severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2) requiring invasive mechanical ventilation. *Obesity*. n/a(n/a).
86. Rijksinstituut voor Volksgezondheid en Milieu (RIVM). Epidemiologische situatie COVID-19 in Nederland 20 april 2020. [21 April, 2020]. Available from: <https://www.rivm.nl/documenten/epidemiologische-situatie-covid-19-in-nederland-20-april-2020>.
87. Nationale Intensive Care Evaluatie (NICE). COVID-19 infecties op de IC's (21.04.2020). [cited 21 April, 2020]. Available from: <https://www.stichting-nice.nl/>.
88. Garg S, Kim L, Whitaker M, O'Halloran A, Cummings C, Holstein R, et al. Hospitalization Rates and Characteristics of Patients Hospitalized with Laboratory-Confirmed Coronavirus Disease 2019 - COVID-NET, 14 States, March 1-30, 2020. *MMWR Morbidity and mortality weekly report*. 2020 Apr 17;69(15):458-64.
89. Preliminary Estimates of the Prevalence of Selected Underlying Health Conditions Among Patients with Coronavirus Disease 2019 - United States, February 12-March 28, 2020. *MMWR Morbidity and mortality weekly report*. 2020 Apr 3;69(13):382-6.
90. Lighter J, Phillips M, Hochman S, Sterling S, Johnson D, Francois F, et al. Obesity in patients younger than 60 years is a risk factor for Covid-19 hospital admission. *Clinical infectious diseases* : an official publication of the Infectious Diseases Society of America. 2020 Apr 9.

91. Petrilli CM, Jones SA, Yang J, Rajagopalan H, O'Donnell LF, Chernyak Y, et al. Factors associated with hospitalization and critical illness among 4,103 patients with COVID-19 disease in New York City. medRxiv. 2020:2020.04.08.20057794.
92. Bloddonorerne i Danmark. Coronavirus: Som bloddonor hjælper du nu med at afdække det danske mørketal. [20 April, 2020]. Available from: <https://bloddonor.dk/coronavirus/>.
93. Comas-Herrera A, Zalakain J, Litwin C, Hsu AT, Fernandez-Plotka J-L. Mortality associated with COVID-19 outbreaks in care homes: early international evidence.: International Long Term Care Policy Network; [updated 21 May 2020]. Available from: <https://ltccovid.org/2020/04/12/mortality-associated-with-covid-19-outbreaks-in-care-homes-early-international-evidence/>.
94. McMichael TM, Currie DW, Clark S, Pogosjans S, Kay M, Schwartz NG, et al. Epidemiology of Covid-19 in a Long-Term Care Facility in King County, Washington. New England Journal of Medicine. 2020.
95. Gardner W, States D, Bagley N. The Coronavirus and the Risks to the Elderly in Long-Term Care. Journal of Aging & Social Policy. 2020:1-6.
96. Team EPHE, Danis K, Fonteneau L, Georges S, Daniau C, Bernard-Stoecklin S, et al. High impact of COVID-19 in long-term care facilities, suggestion for monitoring in the EU/EEA, May 2020. Eurosurveillance. 2020;25(22):2000956.
97. Sciensano. BULLETIN EPIDEMIOLOGIQUE DU 8 JUIN 2020 [8 June 2020]. Available from: <https://covid-19.sciensano.be/fr/covid-19-situation-epidemiologique>.
98. Santé publique France. COVID-19 : point épidémiologique du 4 juin 2020 [08 June 2020]. Available from: <https://www.santepubliquefrance.fr/maladies-et-traumatismes/maladies-et-infections-respiratoires/infection-a-coronavirus/documents/bulletin-national/covid-19-point-epidemiologique-du-4-juin-2020>.
99. Robert Koch Institut (RKI). Täglicher Lagebericht des RKI zur Coronavirus-Krankheit-2019 (COVID-19) 08.06.2020 – AKTUALISierter STAND FÜR DEUTSCHLAND: RKI; 2020. Available from: https://www.rki.de/DE/Content/InfAZ/N/Neuartiges_Coronavirus/Situationsberichte/2020-06-08-de.pdf?__blob=publicationFile.
100. Health Protection Surveillance Centre (HPSC). Epidemiology of COVID-19 in Ireland: Report prepared by HPSC on 10/06/2020 for National Public Health Emergency Team [08 June 2020]. Available from: [https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/casesinireland/epidemiologyofcovid-19inireland/COVID-19_Daily_epidemiology_report_\(NPHET\)_10062020_v1%20website.pdf](https://www.hpsc.ie/a-z/respiratory/coronavirus/novelcoronavirus/casesinireland/epidemiologyofcovid-19inireland/COVID-19_Daily_epidemiology_report_(NPHET)_10062020_v1%20website.pdf).
101. Folkehelseinstituttet. COVID-19: Dagsrapport -mandag 8. juni 2020 [8 June 2020]. Available from: <https://www.fhi.no/contentassets/ca5914bd0aa14e15a17f8a7d48fa306a/2020-06-08-dagsrapport-norge-covid-19.pdf>.
102. Vereniging van specialisten ouderengeneeskunde (verenso). Update registratie verpleeghuizen 19 mei 2020 Utrecht: verenso; [11 June 2020]. Available from: <https://www.verenso.nl/nieuws/update-registratie-verpleeghuizen-19-mei-2020>.
103. rtve.es. Coronavirus. Radiografía del coronavirus en residencias de ancianos: más de 19.400 muertos con Covid-19 o síntomas compatibles. [8 June 2020]. Available from: <https://www.rtve.es/noticias/20200421/radiografia-del-coronavirus-residencias-ancianos-espana/2011609.shtml>.
104. Gobierno de España. Ministerio de Sanidad. Actualización nº 130. Enfermedad por el coronavirus (COVID-19). 08.06.2020 (datos consolidados a las 14:00 horas del 08.06.2020). 2020 [8 June 2020]. Available from: https://www.mscbs.gob.es/profesionales/saludPublica/ccayes/alertasActual/nCov-China/documentos/Actualizacion_130_COVID-19.pdf.
105. Smittskydd Stockholm. Kartläggning av covid-19 på SÄBO i Stockholms län. Stockholm: Smittskydd Stockholm; 2020 [11 June 2020]. Available from: <https://www.sll.se/globalassets/bilagor-till-nyheter/2020/05/kartlaggning-av-covid-19-pa-sabo-i-stockholms-lan.pdf>.

106. Socialstyrelsen. Statistik över antal avlidna i covid-19. Stockholm: Socialstyrelsen; 2020 [11 June 2020]. Available from: <https://www.socialstyrelsen.se/statistik-och-data/statistik/statistik-om-covid-19/statistik-over-antal-avlidna-i-covid-19/>.
107. Office for National Statistics. Deaths registered weekly in England and Wales, provisional: week ending 29 May 2020 [2 June 2020]. Available from: <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/deathsregisteredweeklyinenglandandwalesprovisional/weekending22may2020>.
108. Scottish Government. Coronavirus (COVID-19): daily data for Scotland. [8 June 2020]. Available from: <https://www.gov.scot/publications/coronavirus-covid-19-daily-data-for-scotland/>.
109. National records of Scotland. Deaths involving coronavirus (COVID-19) in Scotland 2020. Available from: <https://www.nrscotland.gov.uk/covid19stats>.
110. Nguyen LH, Drew DA, Joshi AD, Guo C-G, Ma W, Mehta RS, et al. Risk of COVID-19 among frontline healthcare workers and the general community: a prospective cohort study. medRxiv. 2020:2020.04.29.20084111.
111. Liu Y, Yan L-M, Wan L, Xiang T-X, Le A, Liu J-M, et al. Viral dynamics in mild and severe cases of COVID-19. The Lancet Infectious Diseases. 2020.
112. Wu Z, McGoogan JM. Characteristics of and Important Lessons From the Coronavirus Disease 2019 (COVID-19) Outbreak in China: Summary of a Report of 72 314 Cases From the Chinese Center for Disease Control and Prevention. JAMA. 2020.
113. Chou R, Dana T, Buckley DI, Selph S, Fu R, Totten AM. Epidemiology of and Risk Factors for Coronavirus Infection in Health Care Workers. Ann Intern Med. 2020 May 5.
114. Ran L, Chen X, Wang Y, Wu W, Zhang L, Tan X. Risk Factors of Healthcare Workers with Corona Virus Disease 2019: A Retrospective Cohort Study in a Designated Hospital of Wuhan in China. Clinical infectious diseases : an official publication of the Infectious Diseases Society of America. 2020 Mar 17.
115. Euronews. 'At least 90,000 healthcare workers infected by COVID-19', says nursing group: Euronews; 2020 [9 June 2020]. Available from: <https://www.euronews.com/2020/05/06/at-least-90-000-healthcare-workers-infected-by-covid-19-says-nursing-group>.
116. Jewett C, Bailey M, Renwick D. Exclusive: Nearly 600 — And Counting — US Health Workers Have Died Of COVID-19: Kaiser Health News; 2020 [9 June 2020]. Available from: <https://khn.org/news/exclusive-investigation-nearly-600-and-counting-us-health-workers-have-died-of-covid-19/>.
117. Monson RR. Observations on the healthy worker effect. Journal of occupational medicine : official publication of the Industrial Medical Association. 1986 Jun;28(6):425-33.
118. Wölfel R, Corman VM, Guggemos W, Seilmaier M, Zange S, Müller MA, et al. Virological assessment of hospitalized patients with COVID-2019. Nature. 1 April, 2020.
119. Liu W-D, Chang S-Y, Wang J-T, Tsai M-J, Hung C-C, Hsu C-L, et al. Prolonged virus shedding even after seroconversion in a patient with COVID-19. Journal of Infection. 2020 2020/04/10/.
120. Cai J, Xu J, Lin D, Yang z, Xu L, Qu Z, et al. A Case Series of children with 2019 novel coronavirus infection: clinical and epidemiological features. Clinical Infectious Diseases. 2020.
121. Xu K, Chen Y, Yuan J, Yi P, Ding C, Wu W, et al. Factors associated with prolonged viral RNA shedding in patients with COVID-19. Clinical Infectious Diseases, ciaa351. 2020. Available from: <https://doi.org/10.1093/cid/ciaa351>.
122. European Centre for Disease Prevention and Control (ECDC). Situation update worldwide Stockholm: ECDC; [cited 2020 1 March]. Available from: <https://www.ecdc.europa.eu/en/geographical-distribution-2019-ncov-cases>.
123. To KK-W, Tsang OT-Y, Leung W-S, Tam AR, Wu T-C, Lung DC, et al. Temporal profiles of viral load in posterior oropharyngeal saliva samples and serum antibody responses during infection by SARS-CoV-2: an observational cohort study. The Lancet Infectious Diseases. 2020.

124. Cheung KS, Hung IFN, Chan PPY, Lung KC, Tso E, Liu R, et al. Gastrointestinal Manifestations of SARS-CoV-2 Infection and Virus Load in Fecal Samples from the Hong Kong Cohort and Systematic Review and Meta-analysis. *Gastroenterology*. 2020 2020/04/03/.
125. Chang L, Yan Y, Wang L. Coronavirus Disease 2019: Coronaviruses and Blood Safety. *Transfusion Medicine Reviews*. 2020 2020/02/21/.
126. Huang C, Wang Y, Li X, Ren L, Zhao J, Hu Y, et al. Clinical features of patients infected with 2019 novel coronavirus in Wuhan, China. *The Lancet*. 2020 2020/02/15/;395(10223):497-506.
127. Lavezzo E, Franchin E, Ciavarella C, Cuomo-Dannenburg G, Barzon L, Del Vecchio C, et al. Suppression of COVID-19 outbreak in the municipality of Vo, Italy. *medRxiv*. 2020. 2020.04.17.20053157]. Available from: <https://www.medrxiv.org/content/medrxiv/early/2020/04/18/2020.04.17.20053157.full.pdf>.
128. Lu J, Gu J, Li K, Xu C, Su W, Lai Z, et al. COVID-19 Outbreak Associated with Air Conditioning in Restaurant, Guangzhou, China, 2020. *Emerg Infect Dis*. 2020 Apr 2;26(7).
129. Peng L, Liu J, Xu W, Luo Q, Deng K, Lin B, et al. 2019 Novel Coronavirus can be detected in urine, blood, anal swabs and oropharyngeal swabs samples. *medRxiv*. 2020:2020.02.21.20026179.
130. Colavita F, Lapa D, Carletti F, Lalle E, Bordi L, Marsella P, et al. SARS-CoV-2 Isolation From Ocular Secretions of a Patient With COVID-19 in Italy With Prolonged Viral RNA Detection. *Annals of Internal Medicine*. 2020.
131. Penfield CA, Brubaker SG, Limaye MA, Lighter J, Ratner AJ, Thomas KM, et al. Detection of severe acute respiratory syndrome coronavirus 2 in placental and fetal membrane samples. *American journal of obstetrics & gynecology MFM*. 2020 2020/05/08/:100133.
132. La Scola B, Le Bideau M, Andreani J, Hoang VT, Grimaldier C, Colson P, et al. Viral RNA load as determined by cell culture as a management tool for discharge of SARS-CoV-2 patients from infectious disease wards. *Eur J Clin Microbiol Infect Dis*. 2020;39(6):1059-61.
133. L'Huillier AG, Torriani G, Pigny F, Kaiser L, Eckerle I. Shedding of infectious SARS-CoV-2 in symptomatic neonates, children and adolescents. *medRxiv*. 2020:2020.04.27.20076778.
134. Jones TC, Mühlemann B, Veith T, Zuchowski M, Hofmann J, Stein A, et al. An analysis of SARS-CoV-2 viral load by patient age 2020 10/05/2020]. Available from: https://zoonosen.charite.de/fileadmin/user_upload/microsites/m_cc05/virologie-ccm/dateien_upload/Weitere_Dateien/analysis-of-SARS-CoV-2-viral-load-by-patient-age.pdf.
135. Li D, Jin M, Bao P, Zhao W, Zhang S. Clinical Characteristics and Results of Semen Tests Among Men With Coronavirus Disease 2019. *JAMA Network Open*. 2020;3(5):e208292-e.
136. European Society of Human Reproduction and Embryology (ESHRE). ESHRE News and Statements: ESHRE; 2020 [updated 29 May 2020]. Available from: <https://www.eshre.eu/Press-Room/ESHRE-News#COVID19Joint>.
137. European Centre for Disease Prevention and Control (ECDC). Coronavirus disease - 2019 (COVID-19) and supply of substances of human origin in EU/EEA - first update Stockholm: ECDC; 2020 [8 June 2020]. Available from: <https://www.ecdc.europa.eu/sites/default/files/documents/COVID%2019-supply-substances-human-origin-first-update.pdf>.
138. EUROPEAN COMMISSION- DIRECTORATE-GENERAL FOR HEALTH AND FOOD SAFETY. An EU programme of COVID-19 convalescent plasma collection and transfusion. Guidance on collection, testing, processing, storage, distribution and monitored use. 2020. Available from: https://ec.europa.eu/health/sites/health/files/blood_tissues_organs/docs/guidance_plasma_covid19_en.pdf.
139. Joyner M, Wright RS, Fairweather D, Senefeld J, Bruno K, Klassen S, et al. Early Safety Indicators of COVID-19 Convalescent Plasma in 5,000 Patients. *medRxiv*. 2020:2020.05.12.20099879.
140. Liu STH, Lin H-M, Baine I, Wajnberg A, Gumprecht JP, Rahman F, et al. Convalescent plasma treatment of severe COVID-19: A matched control study. *medRxiv*. 2020:2020.05.20.20102236.

141. COVID-19 expanded access program. Plasma donors needed for treatment protocol: Expanded Access to Convalescent Plasma for the Treatment of Patients with COVID-19; 2020 [8 June 2020]. Available from: <https://www.uscovidplasma.org/>.
142. Ministry of Health, Labour and Welfare, Japan. Coronavirus disease 2019 (COVID-19) situation within and outside the country 2020 [updated March 10, 2020]. Available from: https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/newpage_00032.html.
143. Mizumoto K, Kagaya K, Zarebski A, Chowell G. Estimating the asymptomatic proportion of coronavirus disease 2019 (COVID-19) cases on board the Diamond Princess cruise ship, Yokohama, Japan, 2020. *Eurosurveillance*. 2020;25(10):2000180.
144. Ki M. Epidemiologic characteristics of early cases with 2019 novel coronavirus (2019-nCoV) disease in Korea. *Epidemiol Health*. 2020;42(0):e2020007-0.
145. European Centre for Disease Prevention and Control (ECDC). Personal protective equipment (PPE) needs in healthcare settings for the care of patients with suspected or confirmed novel coronavirus (2019-nCoV) 2020 [6 April 2020]. Available from: <https://www.ecdc.europa.eu/sites/default/files/documents/novel-coronavirus-personal-protective-equipment-needs-healthcare-settings.pdf>.
146. Nishiura H, Kobayashi T, Miyama T, Suzuki A, Jung SM, Hayashi K, et al. Estimation of the asymptomatic ratio of novel coronavirus infections (COVID-19). *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*. 2020 May;94:154-5.
147. Arons MM, Hatfield KM, Reddy SC, Kimball A, James A, Jacobs JR, et al. Presymptomatic SARS-CoV-2 Infections and Transmission in a Skilled Nursing Facility. *New England Journal of Medicine*. 2020;382(22):2081-90.
148. Luo S-H, Liu W, Liu Z-J, Zheng X-Y, Hong C-X, Liu Z-R, et al. A confirmed asymptomatic carrier of 2019 novel coronavirus (SARS-CoV-2). *Chinese Medical Journal*. 9000;Publish Ahead of Print.
149. Cereda D, Tirani M, Rovida F, Demicheli V, Ajelli M, Poletti P, et al. The early phase of the COVID-19 outbreak in Lombardy, Italy 2020. Available from: <https://arxiv.org/abs/2003.09320v1>.
150. Byambasuren O, Cardona M, Bell K, Clark J, McLaws M-L, Glasziou P. Estimating the extent of true asymptomatic COVID-19 and its potential for community transmission: systematic review and meta-analysis. *medRxiv*. 2020.
151. Koh WC, Naing L, Rosledzana MA, Alikhan MF, Chaw L, Griffith M, et al. What do we know about SARS-CoV-2 transmission? A systematic review and meta-analysis of the secondary attack rate, serial interval, and asymptomatic infection. *medRxiv*. 2020:2020.05.21.20108746.
152. Hoehl S, Rabenau H, Berger A, Kortenbusch M, Cinatl J, Bojkova D, et al. Evidence of SARS-CoV-2 Infection in Returning Travelers from Wuhan, China. *New England Journal of Medicine*. 2020.
153. Pan X, Chen D, Xia Y, Wu X, Li T, Ou X, et al. Asymptomatic cases in a family cluster with SARS-CoV-2 infection. *The Lancet Infectious Diseases*. 2020.
154. Zou L, Ruan F, Huang M, Liang L, Huang H, Hong Z, et al. SARS-CoV-2 Viral Load in Upper Respiratory Specimens of Infected Patients. *New England Journal of Medicine*. 2020.
155. Health Information and Quality Authority (HIQA). Evidence summary for asymptomatic transmission of COVID-19. 21 April 2020. Dublin: HIQA; 2020. Available from: <https://www.hiqa.ie/sites/default/files/2020-04/Evidence-summary-for-asymptomatic-transmission-of-COVID-19.pdf>.
156. Aguilar JB, Faust JS, Westafer LM, Gutierrez JB. Investigating the Impact of Asymptomatic Carriers on COVID-19 Transmission. *medRxiv*. 2020:2020.03.18.20037994.
157. Huang L-S, Li L, Dunn L, He M. Taking Account of Asymptomatic Infections in Modeling the Transmission Potential of the COVID-19 Outbreak on the Diamond Princess Cruise Ship. *medRxiv*. 2020:2020.04.22.20074286.
158. Kimball A, Hatfield K, Arons M, James A, Taylor J, Spicer K, et al. Asymptomatic and Presymptomatic SARS-CoV-2 Infections in Residents of a Long-Term Care Skilled Nursing Facility —

- King County, Washington, March 2020. MMWR Morbidity and mortality weekly report. 2020 03/27;69.
159. Huang L, Zhang X, Zhang X, Wei Z, Zhang L, Xu J, et al. Rapid asymptomatic transmission of COVID-19 during the incubation period demonstrating strong infectivity in a cluster of youngsters aged 16-23 years outside Wuhan and characteristics of young patients with COVID-19: A prospective contact-tracing study. *The Journal of infection*. 2020 Jun;80(6):e1-e13.
 160. Böhmer MM, Buchholz U, Corman VM, Hoch M, Katz K, Marosevic DV, et al. Investigation of a COVID-19 outbreak in Germany resulting from a single travel-associated primary case: a case series. *The Lancet Infectious Diseases*. 2020 2020/05/15/.
 161. Wei WE, Li Z, Chiew CJ, Yong SE, Toh MP, VJ. L. Presymptomatic Transmission of SARS-CoV-2 — Singapore, January 23–March 16, 2020. ePub: 1 April 2020. DOI: <http://dx.doi.org/10.15585/mmwr.mm6914e1>. MMWR Morb Mortal Wkly Rep. 2020.
 162. Ganyani T, Kremer C, Chen D, Torneri A, Faes C, Wallinga J, et al. Estimating the generation interval for COVID-19 based on symptom onset data. *medRxiv*. 2020:2020.03.05.20031815.
 163. Nishiura H, Linton NM, Akhmetzhanov AR. Serial interval of novel coronavirus (COVID-19) infections. *International Journal of Infectious Diseases*. 2020 2020/03/04/.
 164. La Rosa G, Bonadonna L, Lucentini L, Kenmoe S, Suffredini E. Coronavirus in water environments: Occurrence, persistence and concentration methods - A scoping review. *Water Research*. 2020 2020/07/15/;179:115899.
 165. Kim Y, Kim S, Kim S, Kim E, Park S, Yu K, et al. Infection and rapid transmission of sars-cov-2 in ferrets. *Cell host & microbe*. 2020.
 166. Ludvigsson JF. Systematic review of COVID-19 in children shows milder cases and a better prognosis than adults. *Acta paediatrica (Oslo, Norway : 1992)*. 2020 Jun;109(6):1088-95.
 167. Peng H, Gao P, Xu Q, Liu M, Peng J, Wang Y, et al. Coronavirus Disease 2019 in Children: Characteristics, Antimicrobial Treatment, and Outcomes. *Journal of Clinical Virology*. 2020 2020/05/07/:104425.
 168. Li W, Zhang B, Lu J, Liu S, Chang Z, Cao P, et al. The characteristics of household transmission of COVID-19. *Clinical Infectious Diseases*. 2020.
 169. Jing Q-L, Liu M-J, Yuan J, Zhang Z-B, Zhang A-R, Dean NE, et al. Household Secondary Attack Rate of COVID-19 and Associated Determinants. *medRxiv*. 2020:2020.04.11.20056010.
 170. See KC, Liew SM, Ng DCE, Chew EL, Khoo EM, Sam CH, et al. COVID-19: Four Paediatric Cases in Malaysia. *International Journal of Infectious Diseases*. 2020 2020/04/15/.
 171. Leclerc Q, Fuller N, Knight L, null n, Funk S, Knight G. What settings have been linked to SARS-CoV-2 transmission clusters? [version 1; peer review: 1 approved with reservations]. *Wellcome Open Research*. 2020;5(83).
 172. Hamner L, Dubbel P, Capron I, Ross A, Jordan A, Lee J, et al. High SARS-CoV-2 Attack Rate Following Exposure at a Choir Practice - Skagit County, Washington, March 2020. MMWR Morbidity and mortality weekly report. 2020 May 15;69(19):606-10.
 173. Qian H, Miao T, LIU L, Zheng X, Luo D, Li Y. Indoor transmission of SARS-CoV-2. *medRxiv*. 2020:2020.04.04.20053058.
 174. 1.8 million people in Germany could be infected with coronavirus, researchers find: Deutsche Welle; [updated 4 June 2020]. Available from: <https://www.dw.com/en/18-million-people-in-germany-could-be-infected-with-coronavirus-researchers-find/a-53330608>.
 175. Azzoni T, Dampf A. Game Zero: Spread of virus linked to Champions League: Associated Press; 2020 [9 June 2020].
 176. Park SY, Kim YM, Yi S, Lee S, Na BJ, Kim CB, et al. Coronavirus Disease Outbreak in Call Center, South Korea. *Emerg Infect Dis*. 2020 Apr 23;26(8).
 177. Chu DK, Akl EA, Duda S, Solo K, Yaacoub S, Schünemann HJ, et al. Physical distancing, face masks, and eye protection to prevent person-to-person transmission of SARS-CoV-2 and COVID-19: a systematic review and meta-analysis. *The Lancet*. 2020 2020/06/01/.

178. Shen Y, Li C, Dong H, Wang Z, Martinez L, Sun Z, et al. Airborne transmission of COVID-19: epidemiologic evidence from two outbreak investigations: Reserach Gate; 2020.
179. Danis K, Epaulard O, Bénet T, Gaymard A, Campoy S, Bothelo-Nevers E, et al. Cluster of coronavirus disease 2019 (Covid-19) in the French Alps, 2020. *Clinical Infectious Diseases*. 2020.
180. National Centre for Immunisation Research and Surveillance (NCIRS). COVID-19 in schools – the experience in NSW. Sydney,Australia: NCIRS; 2020. Available from: http://ncirs.org.au/sites/default/files/2020-04/NCIRS%20NSW%20Schools%20COVID_Summary_FINAL%20public_26%20April%202020.pdf.
181. WHO. Q&A on Mass Gatherings and COVID-19 2020. Available from: <https://www.who.int/news-room/q-a-detail/q-a-on-mass-gatherings-and-covid-19>.
182. Gilat R, Cole BJ. COVID-19, Medicine, and Sports. *Arthrosc Sports Med Rehabil*. 2020 Apr 11.
183. Hull JH, Loosemore M, Schwellnus M. Respiratory health in athletes: facing the COVID-19 challenge. *Lancet Respir Med*. 2020 Apr 8.
184. Toresdahl BG, Asif IM. Coronavirus Disease 2019 (COVID-19): Considerations for the Competitive Athlete. *Sports Health*. 2020 Apr 6:1941738120918876.
185. Campbell JP, Turner JE. Debunking the Myth of Exercise-Induced Immune Suppression: Redefining the Impact of Exercise on Immunological Health Across the Lifespan. *Front Immunol*. 2018;9:648.
186. WHO. Be Active during COVID-19 2020. Available from: <https://www.who.int/news-room/q-a-detail/be-active-during-covid-19>.
187. Ackermann M, Verleden SE, Kuehnel M, Haverich A, Welte T, Laenger F, et al. Pulmonary Vascular Endothelialitis, Thrombosis, and Angiogenesis in Covid-19. *New England Journal of Medicine*. 2020.
188. Lechien JR, Chiesa-Estomba CM, Place S, Van Laethem Y, Cabaraux P, Mat Q, et al. Clinical and Epidemiological Characteristics of 1,420 European Patients with mild-to-moderate Coronavirus Disease 2019. *Journal of internal medicine*. 2020 Apr 30.
189. International Severe Acute Respiratory and Emerging Infections Consortium (ISARIC). COVID-19 Report: 19 May 2020: ISARIC; 2020. Available from: https://media.tghn.org/medialibrary/2020/05/ISARIC_Data_Platform_COVID-19_Report_19MAY20.pdf.
190. Zhang JJY, Lee KS, Ang LW, Leo YS, Young BE. Risk Factors of Severe Disease and Efficacy of Treatment in Patients Infected with COVID-19: A Systematic Review, Meta-Analysis and Meta-Regression Analysis. *Clinical Infectious Diseases*. 2020.
191. Docherty AB, Harrison EM, Green CA, Hardwick HE, Pius R, Norman L, et al. Features of 20 133 UK patients in hospital with covid-19 using the ISARIC WHO Clinical Characterisation Protocol: prospective observational cohort study. *BMJ*. 2020;369:m1985.
192. Tong JY, Wong A, Zhu D, Fastenberg JH, Tham T. The Prevalence of Olfactory and Gustatory Dysfunction in COVID-19 Patients: A Systematic Review and Meta-analysis. *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*. 2020 May 5:194599820926473.
193. Aziz M, Perisetti A, Lee-Smith WM, Gajendran M, Bansal P, Goyal H. Taste Changes (Dysgeusia) in COVID-19: A systematic review and metaanalysis. *Gastroenterology*. 2020 May 5.
194. Chen J, Fan H, Zhang L, Huang B, Zhu M, Zhou Y, et al. Retrospective Analysis of Clinical Features in 101 Death Cases with COVID-19. *medRxiv*.9 March 2020. 20033068.
195. Young BE, Ong SWX, Kalimuddin S, Low JG, Tan SY, Loh J, et al. Epidemiologic Features and Clinical Course of Patients Infected With SARS-CoV-2 in Singapore. *JAMA*. 2020.
196. Fei Zhou* TY, Ronghui Du*, Guohui Fan*, Ying Liu*, Zhibo Liu*, Jie Xiang*, Yeming Wang, Bin Song, Xiaoying Gu, Lulu Guan, Yuan Wei, Hui Li, Xudong Wu, Jiuyang Xu, Shengjin Tu, Yi Zhang, Hua Chen, Bin Cao,. Clinical course and risk factors for mortality of adult inpatients with COVID-19 in Wuhan, China: a retrospective cohort study. *The Lancet*. 2020 March 9, 2020.

197. Kujawski SA, Wong KK, Collins JP, Epstein L, Killerby ME, Midgley CM, et al. First 12 patients with coronavirus disease 2019 (COVID-19) in the United States. medRxiv. 2020:2020.03.09.20032896.
198. Intensive Care National Audit & Research Centre (ICNARC). ICNARC report on COVID-19 in critical care. 05 June 2020 2020. Available from: <https://www.icnarc.org/Our-Audit/Audits/Cmp/Reports>.
199. Sahu AK, Amrithanand VT, Mathew R, Aggarwal P, Nayer J, Bhoi S. COVID-19 in health care workers – A systematic review and meta-analysis. The American Journal of Emergency Medicine. 2020 2020/06/06/.
200. Driggin E, Madhavan MV, Bikdeli B, Chuich T, Laracy J, Bondi-Zoccai G, et al. Cardiovascular Considerations for Patients, Health Care Workers, and Health Systems During the Coronavirus Disease 2019 (COVID-19) Pandemic. Journal of the American College of Cardiology. 2020 2020/03/19/.
201. Cummings MJ, Baldwin MR, Abrams D, Jacobson SD, Meyer BJ, Balough EM, et al. Epidemiology, clinical course, and outcomes of critically ill adults with COVID-19 in New York City: a prospective cohort study. The Lancet. 2020 2020/05/19/.
202. Batlle D, Soler MJ, Sparks MA, Hiremath S, South AM, Welling PA, et al. Acute Kidney Injury in COVID-19: Emerging Evidence of a Distinct Pathophysiology. Journal of the American Society of Nephrology. 2020:ASN.2020040419.
203. Helms J, Kremer S, Merdji H, Clere-Jehl R, Schenck M, Kummerlen C, et al. Neurologic Features in Severe SARS-CoV-2 Infection. New England Journal of Medicine. 2020.
204. Moriguchi T, Harii N, Goto J, Harada D, Sugawara H, Takamino J, et al. A first case of meningitis/encephalitis associated with SARS-Coronavirus-2. International Journal of Infectious Diseases. 2020 2020/05/01/;94:55-8.
205. Cui S, Chen S, Li X, Liu S, Wang F. Prevalence of venous thromboembolism in patients with severe novel coronavirus pneumonia. Journal of Thrombosis and Haemostasis.n/a(n/a).
206. Tang N, Li D, Wang X, Sun Z. Abnormal coagulation parameters are associated with poor prognosis in patients with novel coronavirus pneumonia. Journal of Thrombosis and Haemostasis. 2020;18(4):844-7.
207. Lippi G, Favaloro EJ. D-dimer is Associated with Severity of Coronavirus Disease 2019: A Pooled Analysis. Thromb Haemost. //(EFirst).
208. Teuwen L-A, Geldhof V, Pasut A, Carmeliet P. COVID-19: the vasculature unleashed. Nature Reviews Immunology. 2020 2020/05/21.
209. Klok FA, Kruip MJHA, van der Meer NJM, Arbous MS, Gommers DAMPJ, Kant KM, et al. Incidence of thrombotic complications in critically ill ICU patients with COVID-19. Thrombosis Research. 2020 [updated 2020/04/10/]. Available from: <http://www.sciencedirect.com/science/article/pii/S0049384820301201>.
210. Dolhnikoff M, Duarte-Neto AN, de Almeida Monteiro RA, Ferraz da Silva LF, Pierre de Oliveira E, Nascimento Saldiva PH, et al. Pathological evidence of pulmonary thrombotic phenomena in severe COVID-19.: Journal of Thrombosis and Haemostasis; [20 April, 2020]. Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1111/jth.14844>.
211. Riphagen S, Gomez X, Gonzalez-Martinez C, Wilkinson N, Theocharis P. Hyperinflammatory shock in children during COVID-19 pandemic. Lancet. 2020 06/05/2020.
212. Verdoni L, Mazza A, Gervasoni A, Martelli L, Ruggeri M, Ciuffreda M, et al. An outbreak of severe Kawasaki-like disease at the Italian epicentre of the SARS-CoV-2 epidemic: an observational cohort study. The Lancet. 2020 2020/05/13/.
213. Santé Publique France. COVID-19 chez l'enfant : état des connaissances en amont de la réouverture des écoles. Paris: Santé publique France; 2020 [10/05/2020]. Available from: <https://www.santepubliquefrance.fr/les-actualites/2020/covid-19-chez-l-enfant-etat-des-connaissances-en-amont-de-la-reouverture-des-ecoles>.
214. Jones VG, Mills M, Suarez D, Hogan CA, Yeh D, Bradley Segal J, et al. COVID-19 and Kawasaki Disease: Novel Virus and Novel Case. Hospital pediatrics. 2020 Apr 7.

215. Santé Publique France. COVID-19 : point épidémiologique du 14 mai 2020. 2020 [15 May, 2020]. Available from: <https://www.santepubliquefrance.fr/maladies-et-traumatismes/maladies-et-infections-respiratoires/infection-a-coronavirus/documents/bulletin-national/covid-19-point-epidemiologique-du-14-mai-2020>.
216. World Health Organization (WHO). Multisystem inflammatory syndrome in children and adolescents with COVID-19: WHO; 2020. Available from: <https://www.who.int/publications-detail/multisystem-inflammatory-syndrome-in-children-and-adolescents-with-covid-19>.
217. Wang W, Xu Y, Gao R, Lu R, Han K, Wu G, et al. Detection of SARS-CoV-2 in Different Types of Clinical Specimens. *Jama*. 2020 Mar 11;323(18):1843-4.
218. Clinical and virologic characteristics of the first 12 patients with coronavirus disease 2019 (COVID-19) in the United States. *Nat Med*. 2020 Apr 23.
219. Yang Y, Yang M, Shen C, Wang F, Yuan J, Li J, et al. Evaluating the accuracy of different respiratory specimens in the laboratory diagnosis and monitoring the viral shedding of 2019-nCoV infections. *medRxiv*. 2020:2020.02.11.20021493.
220. Czumbel LM, Kiss S, Farkas N, Mandel I, Hegyi AE, Nagy AK, et al. Saliva as a Candidate for COVID-19 Diagnostic Testing: A Meta-Analysis. *medRxiv*. 2020:2020.05.26.20112565.
221. Wyllie AL, Fournier J, Casanovas-Massana A, Campbell M, Tokuyama M, Vijayakumar P, et al. Saliva is more sensitive for SARS-CoV-2 detection in COVID-19 patients than nasopharyngeal swabs. *medRxiv*. 2020:2020.04.16.20067835.
222. Pan Y, Zhang D, Yang P, Poon LLM, Wang Q. Viral load of SARS-CoV-2 in clinical samples. *Lancet Infect Dis*. 2020;20(4):411-2.
223. Yan Y, Chang L, Wang L. Laboratory testing of SARS-CoV, MERS-CoV, and SARS-CoV-2 (2019-nCoV): Current status, challenges, and countermeasures. *Reviews in medical virology*. 2020 May;30(3):e2106.
224. Mawaddah A, Gendeh HS, Lum SG, Marina MB. Upper respiratory tract sampling in COVID-19. *The Malaysian journal of pathology*. 2020 Apr;42(1):23-35.
225. Gorbalenya AE, Baker SC, Baric RS, de Groot RJ, Drosten C, Gulyaeva AA, et al. The species Severe acute respiratory syndrome-related coronavirus: classifying 2019-nCoV and naming it SARS-CoV-2. *Nature Microbiology*. 2020 2020/04/01;5(4):536-44.
226. Directive 98/79/EC of the European Parliament and of the Council of 27 October 1998 on in vitro diagnostic medical devices, (1998).
227. Commission Decision of 7 May 2002 on common technical specifications for in vitro-diagnostic medical devices, (2002).
228. European Commission (EC). Current performance of COVID-19 test methods and devices and proposed performance criteria (16 April 2020). Brussels: EC; [21 April, 2020]. Available from: <https://ec.europa.eu/docsroom/documents/40805>.
229. COVID-19 In Vitro Diagnostic Devices and Test Methods Database: European Commission; 2020. Available from: <https://covid-19-diagnostics.jrc.ec.europa.eu/>.
230. FIND. SARS-COV-2 MOLECULAR ASSAY EVALUATION: RESULTS 2020 [22 April, 2020]. Available from: <https://www.finddx.org/covid-19/sarscov2-eval-molecular/molecular-eval-results/>.
231. COMMISSION DIRECTIVE (EU) 2020/739 of 3 June 2020 amending Annex III to Directive 2000/54/EC of the European Parliament and of the Council as regards the inclusion of SARS-CoV-2 in the list of biological agents known to infect humans and amending Commission Directive (EU) 2019/1833, (2020).
232. European Commission (EC). Communication from the Commission: Guidelines on COVID-19 in vitro diagnostic tests and their performance. Brussels, 15.4.2020 C(2020) 2391 final. Brussels: EC; [cited 21 April, 2020]. Available from: https://ec.europa.eu/info/sites/info/files/testing_kits_communication.pdf.
233. Grifoni A, Weiskopf D, Ramirez SI, Mateus J, Dan JM, Moderbacher CR, et al. Targets of T Cell Responses to SARS-CoV-2 Coronavirus in Humans with COVID-19 Disease and Unexposed Individuals. *Cell*. 2020 2020/05/20/.

234. Weiskopf D, Schmitz KS, Raadsen MP, Grifoni A, Okba NMA, Endeman H, et al. Phenotype of SARS-CoV-2-specific T-cells in COVID-19 patients with acute respiratory distress syndrome. medRxiv. 2020:2020.04.11.20062349.
235. Braun J, Loyal L, Frentsch M, Wendisch D, Georg P, Kurth F, et al. Presence of SARS-CoV-2 reactive T cells in COVID-19 patients and healthy donors. medRxiv. 2020:2020.04.17.20061440.
236. Wang F, Nie J, Wang H, Zhao Q, Xiong Y, Deng L, et al. Characteristics of Peripheral Lymphocyte Subset Alteration in COVID-19 Pneumonia. The Journal of Infectious Diseases. 2020;221(11):1762-9.
237. Wang F, Nie J, Wang H, Zhao Q, Xiong Y, Deng L, et al. Characteristics of Peripheral Lymphocyte Subset Alteration in COVID-19 Pneumonia. The Journal of Infectious Diseases. 2020.
238. Chen G, Wu D, Guo W, Cao Y, Huang D, Wang H, et al. Clinical and immunological features of severe and moderate coronavirus disease 2019. The Journal of Clinical Investigation. 2020 04/13/;130(5).
239. Woelfel R, Corman VM, Guggemos W, Seilmaier M, Zange S, Mueller MA, et al. Clinical presentation and virological assessment of hospitalized cases of coronavirus disease 2019 in a travel-associated transmission cluster. medRxiv. 2020:2020.03.05.20030502.
240. Zhao J, Yuan Q, Wang H, Liu W, Liao X, Su Y, et al. Antibody responses to SARS-CoV-2 in patients of novel coronavirus disease 2019. medRxiv. 2020:2020.03.02.20030189.
241. OKBA NMA, Muller MA, Li W, Wang C, GeurtsvanKessel CH, Corman VM, et al. SARS-CoV-2 specific antibody responses in COVID-19 patients. medRxiv. 2020:2020.03.18.20038059.
242. Liu W, Liu L, Kou G, Zheng Y, Ding Y, Ni W, et al. Evaluation of Nucleocapsid and Spike Protein-based ELISAs for detecting antibodies against SARS-CoV-2. medRxiv. 2020:2020.03.16.20035014.
243. Long Q-x, Deng H-j, Chen J, Hu J, Liu B-z, Liao P, et al. Antibody responses to SARS-CoV-2 in COVID-19 patients: the perspective application of serological tests in clinical practice. medRxiv. 2020:2020.03.18.20038018.
244. Wan WY, Lim SH, Seng EH. Cross-reaction of sera from COVID-19 patients with SARS-CoV assays. medRxiv. 2020:2020.03.17.20034454.
245. Zhao J, Yuan Q, Wang H, Liu W, Liao X, Su Y, et al. Antibody responses to SARS-CoV-2 in patients of novel coronavirus disease 2019. Clinical Infectious Diseases. 2020.
246. Kellam P, Barclay W. The dynamics of humoral immune responses following SARS-CoV-2 infection and the potential for reinfection. The Journal of general virology. 2020 May 20.
247. Xiao AT, Gao C, Zhang S. Profile of specific antibodies to SARS-CoV-2: The first report. The Journal of infection. 2020 Mar 21.
248. Wu L-P, Wang N-C, Chang Y-H, Tian X-Y, Na D-Y, Zhang L-Y, et al. Duration of antibody responses after severe acute respiratory syndrome. Emerging infectious diseases. 2007;13(10):1562-4.
249. Callow KA, Parry HF, Sergeant M, Tyrrell DA. The time course of the immune response to experimental coronavirus infection of man. Epidemiol Infect. 1990;105(2):435-46.
250. Neil M Ferguson, Daniel Laydon, Gemma Nedjati-Gilani, Natsuko Imai, Kylie Ainslie, Marc Baguelin, et al. Impact of non-pharmaceutical interventions (NPIs) to reduce COVID19 mortality and healthcare demand: Imperial College; 2020 [updated 16 March, 2020; cited 2020 23 March, 2020]. Available from: <https://www.imperial.ac.uk/media/imperial-college/medicine/sph/ide/gida-fellowships/Imperial-College-COVID19-NPI-modelling-16-03-2020.pdf>.
251. Edridge AW, Kaczorowska JM, Hoste AC, Bakker M, Klein M, Jebbink MF, et al. Human coronavirus reinfection dynamics: lessons for SARS-CoV-2. medRxiv. 2020:2020.05.11.20086439.
252. Bao L, Deng W, Gao H, Xiao C, Liu J, Xue J, et al. Reinfection could not occur in SARS-CoV-2 infected rhesus macaques. bioRxiv. 2020:2020.03.13.990226.
253. Bundesministeriums für Bildung Wissenschaft und Forschung. Österreichische COVID-19 Studie 2020. Available from: <https://www.bmbwf.gv.at/Themen/Forschung/Aktuelles/COVID-19-Studie.html>.

254. Antwerp Uo. Sero-epidemiology COVID-19 in Belgium 2020 Antwerp: University of Antwerp; 2020 [8 June 2020]. Available from: <https://www.uantwerpen.be/en/research-groups/vaxinfectio/corona-research/sero-epidemiology-co/>.
255. Institute of Health Information and Statistics of the Czech Republic (UZIS). Studie kolektivní imunity SARS-CoV-2-CZ-Preval Praha: UZIS; 2020 [8 June 2020]. Available from: <https://covid-imunita.uzis.cz/index.php?pg=vystupy-a-vysledky>.
256. Bloddonor. Coronavirus: Som bloddonor hjælper du nu med at afdække det danske mørketal Taastrup: Bloddonor; 2020 [8 June 2020]. Available from: <https://bloddonor.dk/coronavirus/#>.
257. National Institute for Health and Welfare of Finland (Institutet för hälsa och välfärd - THL). Koronaepidemiaan väestöserologiatutkimuksen viikkoraportti Helsinki: THL; 2020 [8 June 2020]. Available from: https://www.thl.fi/roko/cov-vaestoserologia/sero_report_weekly.html.
258. Snoeck CJ, Vaillant M, Abdelrahman T, Satagopam VP, Turner JD, Beaumont K, et al. Prevalence of SARS-CoV-2 infection in the Luxembourgish population: the CON-VINCE study. medRxiv. 2020:2020.05.11.20092916.
259. Slot E, Hogema BM, Reusken CBEM, Reimerink JH, Molier M, Karregat JHM, et al. Herd immunity is not a realistic exit strategy during a COVID-19 outbreak. Research Square. 2020;In Review.
260. Folkhälsomyndigheten (FHM). Första resultaten från pågående undersökning av antikroppar för covid-19-virus Stockholm: FHM; 2020 [cited 8 June 2020]. Available from: <https://www.folkhalsomyndigheten.se/nyheter-och-press/nyhetsarkiv/2020/maj/forsta-resultaten-fran-pagaende-undersokning-av-antikroppar-for-covid-19-virus/>.
261. Public Health England (PHE). Weekly Coronavirus Disease 2019 (COVID-19) Surveillance Report London: PHE; 2020 [8 June 2020]. Available from: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/889981/Weekly_COVID19_Epidemiological_Summary_w23.pdf.
262. Thompson C, Grayson N, Paton R, Lourenço J, Penman B, Lee LN, et al. Neutralising antibodies to SARS coronavirus 2 in Scottish blood donors - a pilot study of the value of serology to determine population exposure. medRxiv. 2020:2020.04.13.20060467.
263. COVID-19 vaccine development pipeline: London School of Hygiene and Tropical Medicine; [updated 5 June 2020]. Available from: https://vac-lshtm.shinyapps.io/ncov_vaccine_landscape/.
264. Zhu FC, Li YH, Guan XH, Hou LH, Wang WJ, Li JX, et al. Safety, tolerability, and immunogenicity of a recombinant adenovirus type-5 vectored COVID-19 vaccine: a dose-escalation, open-label, non-randomised, first-in-human trial. Lancet. 2020 May 22.
265. European Medicines Agency (EMA). Treatments and vaccines for COVID-19 2020 [09 June 2020]. Available from: <https://www.ema.europa.eu/en/human-regulatory/overview/public-health-threats/coronavirus-disease-covid-19/treatments-vaccines-covid-19>.
266. Diamond MS, Pierson TC. The Challenges of Vaccine Development against a New Virus during a Pandemic. Cell Host Microbe. 2020 May 13;27(5):699-703.
267. Graham BS. Rapid COVID-19 vaccine development. Science. 2020;368(6494):945-6.
268. Subbarao K. SARS-CoV-2: A New Song Recalls an Old Melody. Cell Host & Microbe. 2020 2020/05/13;27(5):692-4.
269. World Health Organization (WHO). "Solidarity" clinical trial for COVID-19 treatments.: WHO; [21 April, 2020]. Available from: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/global-research-on-novel-coronavirus-2019-ncov/solidarity-clinical-trial-for-covid-19-treatments>.
270. INSERM. Launch of a European clinical trial against COVID-19 (22 March 2020). [21 April, 2020]. Available from: <https://presse.inserm.fr/en/launch-of-a-european-clinical-trial-against-covid-19/38737/>.
271. European Medicines Agency (EMA). Update on treatments and vaccines against COVID-19 under development. [05 April 2020]. Available from: <https://www.ema.europa.eu/en/news/update-treatments-vaccines-against-covid-19-under-development>.

272. European Medicines Agency (EMA). EMA provides recommendations on compassionate use of remdesivir for COVID-19. [05 April 2020]. Available from: <https://www.ema.europa.eu/en/news/ema-provides-recommendations-compassionate-use-remdesivir-covid-19>.
273. Beigel JH, Tomashek KM, Dodd LE, Mehta AK, Zingman BS, Kalil AC, et al. Remdesivir for the Treatment of Covid-19 — Preliminary Report. *New England Journal of Medicine*. 2020.
274. Cao B, Wang Y, Wen D, Liu W, Wang J, Fan G, et al. A Trial of Lopinavir–Ritonavir in Adults Hospitalized with Severe Covid-19. *New England Journal of Medicine*. 2020.
275. Randomised Evaluation of COVid-19 thERapY (RECOVERY) Trial. No clinical benefit from use of hydroxychloroquine in hospitalised patients with COVID-19: Nuffield Department of Population Health University of Oxford; 2020 [updated 5 June 2020]. Available from: <https://www.recoverytrial.net/news/statement-from-the-chief-investigators-of-the-randomised-evaluation-of-covid-19-therapy-recovery-trial-on-hydroxychloroquine-5-june-2020-no-clinical-benefit-from-use-of-hydroxychloroquine-in-hospitalised-patients-with-covid-19>.
276. Mehra MR, Ruschitzka F, Patel AN. Retraction—Hydroxychloroquine or chloroquine with or without a macrolide for treatment of COVID-19: a multinational registry analysis. *The Lancet*. 2020/06/05/.
277. Boulware DR, Pullen MF, Bangdiwala AS, Pastick KA, Lofgren SM, Okafor EC, et al. A Randomized Trial of Hydroxychloroquine as Postexposure Prophylaxis for Covid-19. *New England Journal of Medicine*. 2020.
278. European Medicines Agency (EMA). EMA advises continued use of medicines for hypertension, heart or kidney disease during COVID-19 pandemic. [05 April 2020]. Available from: <https://www.ema.europa.eu/en/news/ema-advises-continued-use-medicines-hypertension-heart-kidney-disease-during-covid-19-pandemic>.