

Appendix 4: Excluded articles and reason for exclusion

Reason for exclusion key: 1: mentions issue but lacks detail or did not add new insight to factors related to equitable access, 2: discusses within, not amongst countries, 3: irrelevant, 4: not English, 5: full-text unavailable, 6: not in peer reviewed journal.

Nr*	First author, year	Title	Reason excluded
1	Acharya, 2021	Access to and equitable distribution of COVID-19 vaccine in low-income countries	1
2	Anonymous, 2021	Why a pioneering plan to distribute COVID vaccines equitably must succeed	1
3	Anonymous, 2021	It's time to consider a patent reprieve for COVID vaccines	1
4	Aryeetey, 2021	A step backwards in the fight against global vaccine inequities	1
5	Bennett, 2010	Law, ethics and pandemic preparedness: the importance of cross-jurisdictional and cross-cultural perspectives	1
6	Binagwaho, 2021	Equitable and Effective Distribution of the COVID-19 Vaccines - A Scientific and Moral Obligation	1
7	Burki, 2021	Equitable distribution of COVID-19 vaccines	1
8	Burki, 2021	Challenges in the rollout of COVID-19 vaccines worldwide	1
9	Cohen, 2021	As vaccines emerge, a global waiting game begins	1
10	Emanuel, 2020	An ethical framework for global vaccine allocation	1
11	Ferguson, 2020	Love thy neighbour? Allocating vaccines in a world of competing obligations	1
12	Fisher, 2011	Pandemic response lessons from influenza H1N1 2009 in Asia	1
13	Friede, 2011	WHO initiative to increase global and equitable access to influenza vaccine in the event of a pandemic: supporting developing country production capacity through technology transfer	1
14	Garfinkel, 2020	Survival of the Wealthiest?	1
15	Gostin, 2020	Facilitating Access to a COVID-19 Vaccine through Global Health Law	1
16	Haaheim, 2009	Pandemic influenza vaccines - the challenges	1
17	Hay, 2018	The WHO global influenza surveillance and response system (GISRS)-A future perspective	1
18	Herzog, 2021	Covax must go beyond proportional allocation of covid vaccines to ensure fair and equitable access	1
19	Hessel, 2009	Pandemic influenza vaccines: Meeting the supply, distribution and deployment challenges	1
20	Ho, 2020	Global Disparity and Solidarity in a Pandemic	1
21	Hurley, 2021	It's self-interest to share our vaccines globally	1
22	Kamradt-Scott, 2012	Evidence-based medicine and the governance of pandemic influenza	1
23	Kim, 2021	Operation Warp Speed: implications for global vaccine security	1
24	Kimble, 2021	Considerations on the distribution and administration of the new COVID-19 vaccines	1
25	Kupferschmidt, 2020	Despite obstacles, WHO unveils plan to distribute vaccine	1
26	Lie, n.d.	Allocating a COVID-19 Vaccine: Balancing National and International Responsibilities	1
27	Lomazzi, 2020	Equitable access to COVID-19 vaccination: a distant dream?	1
28	Megiddo, 2020	Fairer financing of vaccines in a world living with COVID-19	1
29	Meyer, 2020	After a COVID-19 vaccine: Collaboration or competition?	1
30	Milstien, 2003	Emergency response vaccines: Lessons learned in response to communicable diseases	1
31	Munguia-Lopez, 2021	Fair Allocation of Potential COVID-19 Vaccines Using an Optimization-Based Strategy	1
32	Nannei, 2016	Stakeholders' perceptions of 10years of the Global Action Plan for Influenza Vaccines (GAP) - Results from a survey	1

33	Nazar, 2020	All for vaccine, vaccine for all	1
34	Nkengasong, 2020	COVID-19 vaccines: how to ensure Africa has access	1
35	Ogbogu, 2020	Bioethics and practical justice in the post-COVID-19 era	1
36	Orit Fischman, 2021	A Global Pandemic Remedy to Vaccine Nationalism	1
37	Punjabi, 2021	Vaccine is health and health is wealth	1
38	Rodríguez Mega, 2020	Latin American scientists join the coronavirus vaccine race: 'No one's coming to rescue us'	1
39	Ropero-Alvarez, 2012	Pandemic influenza vaccination: lessons learned from Latin America and the Caribbean	1
40	Sadeghi, 2021	The commitment for fair distribution of COVID-19 vaccine among all countries of the world.	1
41	Schwartz, 2009	Prioritization of pandemic influenza vaccine: Rationale and strategy for decision making	1
42	Schwartz, 2020	Equitable global access to coronavirus disease 2019 vaccines	1
43	Sharun, 2021	COVID-19 vaccine diplomacy and equitable access to vaccines amid ongoing pandemic	1
44	The Lancet, 2020	Global collaboration for health: rhetoric versus reality	1
45	Usman, 2020	After the Coronavirus Vaccine's Discovery: Concerns Regarding a COVID-19 Vaccination's Distribution	1
46	Yamada, 2009	Poverty, wealth, and access to pandemic influenza vaccines	1
47	Yen, 2015	The development of global vaccine stockpiles	1
48	Zimmerman, 2007	Rationing of influenza vaccine during a pandemic: ethical analyses	1
49	Abramowitz, 2020	Transparent, equitable, safe, and effective use of COVID-19 vaccines: A societal imperative	2
50	Adebambo Anthony, 2020	Intellectual Property Rights, Pharmaceutical Patents and Public Health: Adopting Compulsory and Government Use Licenses in the COVID-19 Emergency in Nigeria	2
51	Ana Santos, 2020	Comments on the Preliminary Framework for Equitable Allocation of COVID-19 Vaccine	2
52	Anonymous, 2020	ASHP principles for COVID-19 vaccine distribution, allocation, and mass immunization	2
53	Ayers, 2021	Disparities in H1N1 Vaccination Rates: a Systematic Review and Evidence Synthesis to Inform COVID-19 Vaccination Efforts	2
54	Bell, 2018	Preparedness for influenza vaccination during a pandemic in the World Health Organization Western Pacific Region	2
55	Cerilles, n.d.	Analysing the interplay between the right to health and pharmaceutical patent rights in the introduction of a COVID-19 vaccine into the Philippines	2
56	Edwards, 2009	Strategies for broad global access to pandemic influenza vaccines	2
57	Hadler, 2005	Public health strategies for distribution of influenza vaccine during an influenza pandemic	2
58	Lee, 2021	Last-Mile Logistics of Covid Vaccination - The Role of Health Care Organizations	2
59	Looi, 2021	Jeremy Farrar: Make vaccine available to other countries as soon as our most vulnerable people have received it	2
60	Martin, 2021	Maintaining a Focus on Health Equity During the COVID-19 Vaccine Rollout	2
61	Medina-Walpole, 2021	What It Will Take to Equitably Distribute a COVID-19 Vaccine	2
62	Muula, 2007	How relevant is Bellagio statement of principles on social justice and influenza to Africa?	2
63	Subbaraman, 2020	Who gets a COVID vaccine first? Access plans are taking shape	2
64	Todd, 2021	Learning from past mistakes? The COVID-19 vaccine and the inverse equity hypothesis	2
65	Varshney, 2021	Vaccine diplomacy: Exploring the benefits of international collaboration	2
66	Adar, 2020	Distribution equality as an optimal epidemic mitigation strategy	3
67	Alaran, 2021	Uneven power dynamics must be levelled in COVID-19 vaccines access and distribution	3

68	AlKhalidi, 2021	Rethinking and strengthening the Global Health Diplomacy through triangulated nexus between policy makers, scientists and the community in light of COVID-19 global crisis	3
69	Al-Oraibi, 2021	Migrant health is public health: a call for equitable access to COVID-19 vaccines	3
70	Anderson, 2020	Intensifying vaccine production	3
71	Anonymous, 2021	COVID-19 Vaccine: Development, Testing, and Distribution	3
72	Bartovic, 2021	Ensuring equitable access to vaccines for refugees and migrants during the COVID-19 pandemic	3
73	Bhatia, 2013	The H1N1 influenza pandemic: need for solutions to ethical problems	3
74	Billington, 2020	Developing Vaccines for SARS-CoV-2 and Future Epidemics and Pandemics: Applying Lessons from Past Outbreaks	3
75	Boulton, 2021	Advancing Global Vaccination Equity	3
76	Boum Ii, 2021	How to ensure a needs-driven and community-centred vaccination strategy for COVID-19 in Africa	3
77	Briand, 2010	Future developments in global influenza surveillance	3
78	Bryan, 2021	WTO Waiver from Intellectual Property Protection for COVID-19 Vaccines and Treatments: A Critical Review	3
79	Cheong, 2020	Unequal Access to Vaccines Will Exacerbate Other Inequalities	3
80	Coleman, 2009	Allocating vaccines and antiviral medications during an influenza pandemic	3
81	Commissioners, 2021	Human rights and fair access to COVID-19 vaccines: the International AIDS Society-Lancet Commission on Health and Human Rights	3
82	Dadari, 2021	Pro-equity immunization and health systems strengthening strategies in select Gavi-supported countries	3
83	Elbe, 2010	Haggling over viruses: the downside risks of securitizing infectious disease	3
84	Eurosurveillance editorial, 2011	Agreement on a pandemic influenza preparedness framework for the sharing of viruses and benefit sharing	3
85	Fedson, 2006	Vaccine development for an imminent pandemic: why we should worry, what we must do	3
86	Gladas, 2021	Supporting efforts for a global COVID-19 vaccine	3
87	Goh, 2021	Covid-19 vaccination: the dangers of "values" imperialism	3
88	Gostin, 2006	Medical countermeasures for pandemic influenza: ethics and the law	3
89	Griffin, 2020	Covid-19: Governments should demand transparency on vaccine deals, says MSF	3
90	Gronvall, 2006	Removing barriers to global pandemic influenza vaccination	3
91	Guerin, 2020	The consequence of COVID-19 on the global supply of medical products: Why Indian generics matter for the world?	3
92	Gurwitz, 2021	Ethical tradeoffs in SARS-CoV-2 vaccine development: Assuring fair availability for low-income countries	3
93	Haaheim, 2007	Vaccines for an influenza pandemic: scientific and political challenges	3
94	Halabi, 2020	No-Fault Compensation for Vaccine Injury - The Other Side of Equitable Access to Covid-19 Vaccines	3
95	Hendriks, 2011	An international technology platform for influenza vaccines	3
96	Henn, 2020	Allocation criteria for an initial shortage of a future SARS-CoV-2 vaccine and necessary measures for global immunity	3
97	Huneycutt, 2020	Finding equipoise: CEPI revises its equitable access policy	3
98	Jecker, 2021	Out of Africa: A Solidarity-Based Approach to Vaccine Allocation	3
99	Jecker, 2021	Vaccine ethics: an ethical framework for global distribution of COVID-19 vaccines	3
100	Kamradt-Scott, 2013	The politics of medicine and the global governance of pandemic influenza	3
101	Karim, 2020	COVID-19 vaccine affordability and accessibility	3
102	Katz, 2021	From Vaccine Nationalism to Vaccine Equity - Finding a Path Forward	3
103	Kelley, 2020	An appeal for practical social justice in the COVID-19 global response in low-income and middle-income countries	3

104	Kelley, 2021	Process and operations strategies to enable global access to antibody therapies	3
105	Khamisi, 2020	If a coronavirus vaccine arrives, can the world make enough?	3
106	Kieny, 2009	WHO supports fair access to influenza A (H1N1) vaccine	3
107	Koff, 2021	A universal coronavirus vaccine	3
108	Kyd, 2010	3rd Global Vaccine Congress	3
109	Lee, 2011	The Benefits To All Of Ensuring Equal And Timely Access To Influenza Vaccines In Poor Communities	3
110	Li, 2010	Healthcare system cost evaluation of antiviral stockpiling for pandemic influenza preparedness	3
111	McLachlan, 2012	A proposed non-consequentialist policy for the ethical distribution of scarce vaccination in the face of an influenza pandemic	3
112	McLachlan, 2015	On the random distribution of scarce doses of vaccine in response to the threat of an influenza pandemic: a response to Wardrope	3
113	Monto, 2011	Response to the 2009 pandemic: effect on influenza control in wealthy and poor countries	3
114	Mukherjee, 2020	Global efforts on vaccines for COVID-19: Since, sooner or later, we all will catch the coronavirus	3
115	Nguyen, 2010	The influenza challenge	3
116	Pagliusi, 2018	Vaccines, inspiring innovation in health	3
117	Palkonyay, 2016	A decade of adaptation: Regulatory contributions of the World Health Organization to the Global Action Plan for Influenza Vaccines (2006-2016)	3
118	Peters, 2021	Ensuring vaccine supply meets global needs	3
119	Rastegar, 2021	An inventory-location optimization model for equitable influenza vaccine distribution in developing countries during the COVID-19 pandemic	3
120	Roope, 2020	How Should a Safe and Effective COVID-19 Vaccine be Allocated? Health Economists Need to be Ready to Take the Baton	3
121	Ruscio, 2020	Shaping meeting to explore the value of a coordinated work plan for epidemic and pandemic influenza vaccine preparedness	3
122	Sabri, 2020	Solidarity in the time of covid-19 pandemic	3
123	Saunders, 2018	EQUALITY IN THE ALLOCATION OF SCARCE VACCINES	3
124	Shretta, 2021	Vaccinating the world against COVID-19: getting the delivery right is the greatest challenge	3
125	Smith, 2021	Top five ethical lessons of COVID-19 that the world must learn	3
126	Snyder, 2020	Designing Pull Funding For A COVID-19 Vaccine	3
127	Stohr, 2006	Influenza pandemic vaccines: How to ensure a low-cost, low-dose option	3
128	Stoto, 2013	Lessons about the state and local public health system response to the 2009 H1N1 pandemic: a workshop summary	3
129	Straetemans, 2007	Prioritization strategies for pandemic influenza vaccine in 27 countries of the European Union and the Global Health Security Action Group: a review	3
130	Tatar, 2021	The Role of Good Governance in the Race for Global Vaccination during the COVID-19 Pandemic	3
131	Wardrope, 2012	Scarce vaccine supplies in an influenza pandemic should not be distributed randomly: reply to McLachlan	3
132	Wong, 2018	Funding vaccines for emerging infectious diseases	3
133	Wynia, 2006	Ethics and public health emergencies: rationing vaccines	3
134	Yau, n.d.	Mapping the inequality of the global distribution of seasonal influenza vaccine	3
135	Zard, n.d.	Leave no one behind: ensuring access to COVID-19 vaccines for refugee and displaced populations	3
136	Aranzazu, 2013	The WHO influenza surveillance network. Modes of circulation of viruses strains, knowledge and technologies, 1947-2007	4

137	Bingzhe, 2020	Expanding the pandemic influenza preparedness framework to the epidemic of COVID-19	4
138	Leineweber, 2021	The influence of the U.S. response to COVID-19 in Global Health	4
139	Collin, 2009	[Influenza vaccine: globalization of public health stakes]	5
140	Donatelli, 2003	[WHO Influenza Global Agenda]	5
141	Iacob, 2020	The Role of the Joint Procurement Agreement during the COVID-19 Pandemic: Assessing Its Usefulness and Discussing Its Potential to Support a European Health Union	5
142	Jorgensen, 2013	Unequal access to vaccines in the WHO European Region during the A(H1N1) influenza pandemic in 2009	5
143	Lopalco, 2016	Pandemic vaccines: Are we prepared for the next pandemic?	5
144	Mark, 2020	The Procurement of a COVID-19 Vaccine in Developing Countries: Lessons from the 2009-H1N1 Pandemic	5
145	Mendes, 2021	Tackling inequitable distribution of the COVID-19 vaccine	5
146	Saransh, 2021	Building Resilient Vaccine Distribution	5
147	Ana Santos, 2020	The COVID-19 Vaccine Race: Intellectual Property, Collaboration(s), Nationalism and Misinformation	6
148	Ana Santos, 2020	The Reemergence of Vaccine Nationalism	6
149	Ana Santos, 2020	The Intellectual Property of COVID-19	6
150	Armin von, 2020	The Role of International Law in Vaccinating Against COVID-19: Appraising the COVAX Initiative	6
151	Benjamin, 2020	COVID-19 Vaccine Research, Development, Regulation and Access	6
152	François, 2020	Spatial Allocation of Scarce Vaccine and Antivirals for COVID-19	6
153	Goldstein, 2021	Failure to achieve global vaccine equity will have dire consequences	6
154	Jorge, 2021	US Support for a WTO Waiver of COVID-19 Intellectual Property – What Does it Mean?	6
155	Mohamed Mustafa, 2021	The Cost of Procuring and Delivering COVID-19 Vaccines in Low- and Middle-Income Countries: A Model of Projected Resource Needs	6
156	National Academies of Sciences Engineering and Medicine, 2020	Framework for Equitable Allocation of COVID-19 Vaccine	6
157	Shlomit, 2021	Intellectual Property Laws in the Digital Era: An International Distributive Justice Perspective	6
158	Simon, 2021	The Covid-19 Vaccine Production Club: Will Value Chains Temper Nationalism?	6
159	Viviana Munoz, 2020	The COVID-19 Pandemic: R&D and Intellectual Property Management for Access to Diagnostics, Medicines and Vaccines	6