

COVID-19

Health Evidence Summary No.30

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This daily COVID-19 Health Evidence Summary is to signpost DFID and other UK government departments to the latest relevant evidence and discourse on COVID-19 to inform and support their response. It is a result of 3 hours of work and is not intended to be a comprehensive summary of evidence.

COVID-19 Preparedness and Response

Publication date	Title/URL	Journal/Article type	Summary
28.04.2020	Early transmission dynamics of novel coronavirus (COVID-19) in Nigeria	Int J Environ Res Public Health Article	<ul style="list-style-type: none"> Preliminary epidemiological analysis of the first 45 days of COVID-19 outbreak in Nigeria estimates the reproduction number peaking at 5.61 (95% CrI 3.83 – 7.88) at day 25 (22 March 2020). The median reproduction number over the study period was 2.71 lowering to 1.42 (95% CrI 1.26-1.58) on 11 April These estimates are lower than expected Preparedness to detect needs to move to stop local transmission
27.04.2020	COVID-19 and Nigeria: Putting the realities in context	Int J Infec Dis Article	<ul style="list-style-type: none"> Nigeria's preparedness for critical care of COVID-19 remains poor and inadequate COVID-19 cases and mortality are underreported due to poor surveillance Strengthening infectious disease surveillance mechanisms and international

			collaborations are key to halt the C19 pandemic
28.04.2020	Hand cleaning with ash for reducing the spread of viral and bacterial infections: a rapid review	Cochrane Database of Systematic Reviews 2020 Rapid Review	<ul style="list-style-type: none"> • If hand cleaning with ash is effective, it could reduce the spread of COVID-19 in LMICs where soap is not widely available • Authors conclude though that it remains uncertain whether hand cleaning with ash compared with hand cleaning with soap, water, mud, soil or no hand cleaning stops or reduces the spread of viral or bacterial infections. • It also remains uncertain if washing with ash causes unwanted effects, like sore hands or a rash
01.05.2020	COVID-19 in people living with human immunodeficiency virus: A case series of 33 patients	medRxiv (not peer reviewed) Article	<ul style="list-style-type: none"> • Data on patients living with human immunodeficiency virus (PLWH) with COVID-19 remains scarce • Of the 32 patients with documented outcome, 91% recovered and 76% were classified as mild suggesting that there is no excess morbidity and mortality among PLWH and symptomatic COVID-19 • All patients were on antiretroviral treatment
28.04.2020	Sex-specific clinical characteristics and prognosis of coronavirus disease-19 infection in Wuhan, China: a retrospective study of 168 severe patients	PLoS Pathogens Article (uncorrected proof)	<ul style="list-style-type: none"> • A retrospective study of 168 consecutive severe COVID-19 confirmed patients in a hospital in Wuhan China found sex-specific differences in clinical characteristics and prognosis to COVID-19, consistent with the sex-bias observed in other studies

Guidelines, Statements & Tools

Publication Date	Title/URL	Source	Description
30.04.2020	COVID-19 and the Rights of Persons with Disabilities: Guidance	UN Human Rights	
28.04.2020	COVI-PREG	CHUV	International COVID-19 and Pregnancy Registry
28.04.2020	Accessibility Campaign – COVID-19	International Disability Alliance	Call for PH information and communications around COVID-19 to be fully accessible
24.04.2020	Handwashing compendium for low resource settings: a living document (edition 1)	IDS Sanitation Learning Hub	
Ongoing	WHO Country & Technical Guidance	WHO	
Ongoing	Rapid guidelines and evidence summaries	NICE	
Ongoing	Inter-Agency Standing Committee (IASC)	IASC	

Comments, Editorials, Opinions, Blogs, News

Publication date	Title/URL	Journal Article type	Author(s)
28.04.2020	Let Africa into the market for COVID-19 diagnostics	Nature World View	John Nkengasong
30.04.2020	COVID-19 reveals weak health systems by design: why we must re-make global health in this historic moment	Global Public Health Commentary	Sriram Shamasunder et al.
01.05.2020	Accountability for COVID-19 Aid: better visibility matters for the quality of the response	Center for Global Development Blog	Janeen Madan Keller, Julia Kaufmann & Amanda Glassman
01.05.2020	The COVID-19 response for vulnerable people in places affected by conflict and humanitarian crises	The Lancet Comment	David Nott
30.04.2020	A COVID-19 conference at AIDS 2020: Virtual	The Lancet Comment	
30.04.2020	COVID-19: collateral damage of lockdown in India	BMJ Feature	Bhavya Dore
29.04.2020	Surveys show the COVID-19 has gendered effects in Asia and the Pacific	UN Women Survey preliminary results	

30.04.2020	Considering BCG vaccination to reduce the impact of COVID-19	The Lancet Correspondence	Nigel Curtis, Annie Sparrow, Tedros Ghebreyesus & Mihai Netea
30.04.2020	Using social and behavioural science to support COVID-19 pandemic response	Nature Human Behaviour Perspective	Jay J. Van Bavel et al.
29.04.2020	Rethinking research to respond to global challenges	IDS Opinion	Peter Taylor
29.04.2020	China and the future of global health governance	IDS Opinion	Gerald Bloom
30.04.2020	Insights from health systems under stress	IDS Opinion	Tom Barker
27.04.2020	What does Covid-19 mean for people with disabilities	IDS Opinion	Mary Wickenden, Brigitte Rohwerder, Jackie Shaw & Stephen Thompson
28.04.2020	Covid-19 lockdown in Zimbabwe: a disaster for farmers	IDS Opinion	Ian Scoones
29.04.2020	Moving personal protective equipment into the community: face shields and containment of COVID-19	JAMA Viewpoint	Eli N. Perencevich, Daniel J. Diekema & Michael B. Edmond
21.04.2020	Gendering pandemics: identifying the unequal impacts of COVID-19	IDS Opinion	Isabelle Tickel, Madhurima Sanyal & Rebeca Moreno Sandoval

Tracking Dashboards

Cases & deaths: Global	Cases & deaths: Regional	Cases & deaths: Country	Living evidence maps	Current studies including trials	Diagnosics	Treatments	Vaccines
WHO sitreps	WHO Africa	Ghana	COVID-NMA	WHO	FIND SARS-CoV-2 Test Tracker	Global COVID-19 Clinical Trial Tracker	CEPI
WHO dashboard	African Arguments	Indonesia	EPPI Centre	WHO International Clinical Trials Registry Platform (ICTRP)	Serology-based tests for COVID-19	US NIH registered clinical trials	Vaccine Centre LSHTM
Johns Hopkins University	European CDC	Nigeria CDC	Norwegian Institute	Cytel		Solidarity trial	

			of Public Health				
WEF		Sierra Leone		US NIH		COVID-19 Therapeutics Accelerator	
Our World in Data		Singapore		COVID-evidence			
Global 5050		UK		Cochrane			
CEBM, University of Oxford		US		Clinicaltrials.gov			
Humanitarian Data Exchange							
Information is Beautiful							
LSHTM							
HealthMap (cases)							
The Commons Project							

C19 Resource Hubs

Global	Regional & Country	Academic journals & Publishers	Global Health Institutes/Centres/Funders/Others	Health Topics	Social Sciences
WHO COVID-19 pandemic	Africa CDC	The Lancet	LSTM	Stop TB Partnership	SSHAP
WHO risk communication	African Union	NEJM	LSHTM		IDA
WHO Q&A	Nigeria CDC	Elsevier	ICL MRC Centre for Global Infectious Disease Analysis	Global Menstrual Collective	Disability and Inclusion
WHO Global research	GeoPoll : SSA	BMJ	ODI	SLH: Handwashing in low resource settings	Coregroup IDDC
COVID-19 Solidarity	Global Health	Cell Press	Johns Hopkins University		Rings HSG

Response Fund	Network Africa				Resyst Reach Wellcome
UN	African Academy of Sciences	Cochrane resources	Center for Global Development		Social Development Direct C19 blog series
UN Women	Africa Evidence Network	PLoS	CMMID Repository		
UNOCHA		Annals of Internal Medicine	Norwegian Institute of Public Health		
UNHCR			Oxford Centre for Evidence-based Medicine		
UNICEF			HEART		
UNESCO		Wiley Health Economics	UKRI		
UN WFP		Pre-prints medRxiv and bioRxiv	Evidence Aid		
GOARN					
EPI-WIN					
World Bank					
COVID-19 Narratives by David Nabarro					
Reliefweb					
Humanitarian OpenStreetMap Team					
Global Partnership for Sustainable Development Data					
WorldPop					
Flowminder					
COVID-END					

Premise COVID-19 Global Impact Study					
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Online learning & events

Date	Title/URL	Online learning/event	Duration	Lead
Available now	Emerging respiratory viruses, including COVID-19: methods for detection, prevention, response and control	Online learning	3 hours	WHO
Available now	Responding to COVID-19: Real-time training for the coronavirus disease outbreak	Online learning	Multiple self-paced course	WHO
25 May 2020	COVID-19: Tackling the Novel Coronavirus	Online learning	3 weeks 4 hours weekly study	FutureLearn LSHTM/UK PHRST
20 April 2020	COVID-19 Diagnostics and Testing	Online learning	3 weeks 3 hours weekly study	FutureLearn FIND/LSHTM/ASLM
6 April 2020	COVID-19 Critical Care: Understanding and Application	Online learning	5 weeks 1 hour weekly study	FutureLearn University of Edinburgh & Royal College of Physicians of Edinburgh
Available now	COVID-19 supporting online courses	Online learning	Multiple self-paced course	BMJ Learning

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About this report

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