



# COVID-19

## Health Evidence Summary No.33

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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 available evidence on COVID-19 but aims to make original documents easily accessible to decision makers which, if relevant to them, they should go to before making decisions.*

### Clinical characteristics and management

Publication date	Title/URL	Journal/Article type	Summary
05.05.2020	Hyperinflammatory shock in children during COVID-19 pandemic	The Lancet   Correspondence	<ul style="list-style-type: none"> <li>Paediatricians describe a cluster of 8 children with hyperinflammatory shock with multiorgan failure, showing features similar to Kawasaki disease shock syndrome or toxic shock syndrome, during a period of 10 days in mid-April 2020 in a UK hospital. All children were previously fit and well</li> <li>Authors believe this is a new phenomenon affecting previously asymptomatic children w/SARS-CoV-2 infection</li> <li>The intention of this Correspondence is to bring this subset of children to the attention of the wider paediatric community and to optimise early recognition and management</li> </ul>

04.05.2020	Pediatric multi-system inflammatory syndrome potentially associated with COVID-19	NYC 2020 Health Alert #13   Report	<ul style="list-style-type: none"> <li>• A pediatric multi-system inflammatory syndrome, recently reported in the UK, is also being observed in NYC and elsewhere in the US</li> <li>• Report of 15 children with multi-system inflammatory syndrome with features of Kawasaki diseases and/or toxic shock syndrome in New York. All had fever, gastrointestinal symptoms were common and respiratory symptoms in less than half.</li> <li>• 4 SARS-CoV-2-positive, 10 negative (6 later antibody positive), 1 indeterminate</li> </ul>
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## Indirect impact of COVID-19

Publication date	Title/URL	Journal/Article type	Summary
06.05.2020	The potential impact of the COVID-19 response on tuberculosis in high-burden countries: a modelling analysis	Stop TB Partnership with ICL, Avenir Health, Johns Hopkins University and USAID   Report	<ul style="list-style-type: none"> <li>• This modelling analysis estimates that under a 3 month lockdown and a protracted 10 month restoration of services, there could be an additional 6.3 million TB cases and an additional 1.4 million TB deaths globally between 2020 and 2025</li> <li>• Global TB incidence and deaths in 2021 would increase to levels last seen in between 2013 and 2016 respectively – a setback of 5-8 years</li> <li>• The modelling focussed on 3 high burden countries – India, Kenya and Ukraine – and extrapolated estimates to generate global estimates</li> <li>• The model can be replicated in any other country and findings used for data-driven decisions and financial requests</li> <li>• To minimise the impact of C19 on TB measures must be taken by national governments to ensure continuity of TB diagnostic, treatment and prevention services during lockdown and a catch-up effort to test, track and trace TB.</li> </ul>

## Guidelines, Statements & Tools

Publication Date	Title/URL	Source	Summary
May 2020	COVID-19: What are prisons a particular risk, and what can be done to mitigate this?	SSHAP   Brief	<ul style="list-style-type: none"> <li>Includes practical considerations to mitigate risks associated with an outbreak of C19 in prisons in LMICs</li> </ul>
05.05.2020	LSHTM COVID-19 Transmission Model (version 1)	CMMID Repository	<ul style="list-style-type: none"> <li>Simulate C19 epidemics in 152 countries, and see how school closures, social distancing, elderly shielding, self-isolation and lockdowns may impact cases, hospitalisations and deaths. Designed for educational purposes not medical or policy advice.</li> </ul>
04.05.2020	Community participation is crucial in a pandemic	The Lancet   Comment	<ul style="list-style-type: none"> <li>Includes a panel of steps to community participation in the C19 response</li> </ul>
01.05.2020	Statement on the third meeting of the International Health Regulations (2005) Emergency Committee regarding the outbreak of coronavirus disease (COVID-19)	WHO   Statement	<ul style="list-style-type: none"> <li>Statement from the third meeting (teleconference) of the expanded Emergency Committee on 30 April 2020 convened by the WHO DG under the IHR (2005) regarding CoVID-19</li> </ul>
30.04.2020	COVID-19 and the Rights of Persons with Disabilities: Guidance	UN Human Rights	
28.04.2020	COVI-PREG	CHUV	<ul style="list-style-type: none"> <li>International COVID-19 and Pregnancy Registry</li> </ul>
28.04.2020	Accessibility Campaign – COVID-19	International Disability Alliance	<ul style="list-style-type: none"> <li>Call for PH information and communications around COVID-19 to be fully accessible</li> </ul>

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)
05.05.2020	The invisible pandemic	The Lancet   Correspondence	Johan Giesecke
05.05.2020	Has COVID-19 subverted global health?	The Lancet   Perspectives	Richard Cash & Vikram Patel
02.05.2020	Ebola, Zika, Corona...What is next for our world?	Int J Environ res Public Health   Editorial	Jagdish Khubchandani, Timothy R Jorfan & Y Tony Yang
06.05.2020	In the Covid pandemic how do children who work in the streets survive?	IDS   Opinion	Nicholas sharma & Shona Macleod
06.05.2020	Sound the alarm: people left behind in decision-making on COVID-19	UHC2030   Blog	UHC2030 colleagues

06.05.2020	China is promoting coronavirus treatments based on unproven traditional medicines	Nature   News	David Cyranoski
05.05.2020	The race is on for antibodies that stop the new coronavirus	Sciencemag   News	Jon Cohen
04.05.2020	Keep mental health in mind	Nature medicine   Editorial	
30.04.2020	Five lessons from past global influenza outbreaks for COVID-19	Steps centre   Blog	Ian Scoones

## Dashboards & Trackers

Cases & deaths: Global	Cases & deaths: Regional	Cases & deaths: Country	Living evidence & policy maps	Current research including trials	Diagnostics	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)	FIND SARS-CoV-2 Diagnostics: performance data	US NIH registered clinical trials	Vaccine Centre LSHTM
Johns Hopkins University	European CDC	Nigeria CDC	Norwegian Institute of Public Health	Cytel	Serology-based tests for COVID-19	Solidarity trial	
WEF		Sierra Leone	Oxford C19 Governance	US NIH		COVID-19 Therapeutics	

			nt Response Tracker (OxCGRT)			cs Accelerator	
Our World in Data		Singapor e		COVID- evidence			
Global 5050		UK		Cochrane			
CEBM, University of Oxford		US		Clinicaltrials.g ov			
Humanitari an Data Exchange				UKCDR			
Information is Beautiful							
LSHTM							
HealthMap (cases)							
The Commons Project							

## C19 Resource Hubs

Global	Regional & Country	Academic journals & Publishers	Global Health Institutes/Centres/Funders/ Other	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 Response Fund	Global Health Network Africa	Cell Press	Johns Hopkins University		Rings HSG Resyst Reach Wellcome
UN	African Academy of Sciences	Cochrane resources	Center for Global Development		Social Development Direct C19 blog series
UN Women	Africa Evidence	PLoS	CMMID Repository		

	Network				
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					

## Online learning & events

Date	Title/URL	Online learning/event	Duration	Lead
07.05.2020 14:00	Looking back at COVID-19: how will Africa have changed one year from now?	Event	1h 30	Hosted b the Firoz Lalji Centre for Africa
7-28 May 2020	Virtual Evidence Weeks	5 sessions	1h 30	International Initiative for Impact Evaluation (3ie)
Tuesdays at 1700 CEST (Geneva time) & Thursdays 0830 CEST (Geneva time)	COVID-19 Open online brief with Dr David Nabarro	Event	1h	4SD
30.04.2020	Professor Chris Whitty's Gresham lecture on COVID-19	Event	1h 20	Gresham College

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

## Suggested citation

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## Rapid review methodology

The rapid daily search for peer-reviewed literature is carried out through a PubMed search with the following keywords (“COVID-19” OR “severe acute respiratory syndrome coronavirus 2” OR “2019-nCoV” OR “SARS-CoV-2” OR “2019nCoV” OR “coronavirus” ) AND (“Africa”) OR (“equity” OR “equities”) OR (“poverty”), restricted to articles published in the previous 2 to 3 days, in English. This is complemented by a search of the homepage of the following high-impact global health journals: The Lancet journals, New England Journal of Medicine, Nature, JAMA, Annals of Internal Medicine, Cochrane Reviews, BMJ Global Health, the PLoS journals and a Twitter search of their Twitter pages. A search also of preprints from bioRxiv and medRxiv. Please note that papers that have not been peer-reviewed are highlighted in red. All primary research papers that relate to the primary and secondary impacts of the COVID-19 response in LMICs, and disease control and health system responses are included. Articles related to tackling the secondary impacts on other sectors are not included. Additional commentaries, opinions, and commissioned pieces are selected based on relevance.

The search for dashboards, guidelines, tools, editorials, comments, blogs, opinions and news is through the academic journals listed above, C19 resource hubs and following lead academics and professionals on Twitter.

## About this report

This daily COVID-19 health evidence summary (HES) is based on 3 hours of desk-based research. The summary is not intended to be a comprehensive summary of available evidence on COVID-19 but aims to make original documents easily accessible to decision makers which, if relevant to them, they should go to before making decisions. The HES are not intended to replace medical or professional advice and the researcher or the K4D consortium cannot be held responsible for any decisions made about COVID-19 on the basis of the HES alone. K4D services are provided by a consortium of leading organisations working in international development, led by the Institute of Development Studies (IDS), with Education Development Trust, Itad, University of Leeds Nuffield Centre for International Health and Development, Liverpool School of Tropical Medicine (LSTM), University of Birmingham International Development Department (IDD) and the University of Manchester Humanitarian and Conflict Response Institute (HCRI).

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