

COVID-19

Health Evidence Summary No.27

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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
27.04.2020	Epidemiology and transmission of COVID-19 in 391 cases and 1286 of their close contacts in Shenzhen, China: a retrospective cohort study	The Lancet Infectious Diseases Articles	<ul style="list-style-type: none"> • Analysis of cases identified through symptom-based surveillance and monitoring of close contacts show that isolation and contact tracing reduce the time during which cases are infectious in the community, thereby reducing the R. • Overall impact though is uncertain and highly dependent on the number of asymptomatic cases. • 1 in 5 close contacts who tested positive for SARS-CoV-2 had no symptoms and 1 in 3 had no fever – important for community tracing and testing strategies • Children are at a similar risk of infection to the general population, although likely to have less severe symptoms, so should be considered in analyses of transmission and control

			<ul style="list-style-type: none"> Time to recovery from C19 can take weeks, especially in older people and those with more severe disease
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Guidelines, Statements & Tools

Publication Date	Title/URL	Source	Description
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	Inter-Agency Standing Committee (IASC)	IASC	

Comments, Editorials, Correspondence, Blogs, News

Publication date	Title/URL	Journal Publication type
28.04.2020	Covid-19: concerns grow over inflammatory syndrome emerging in children	BMJ News
27.04.2020	What does it mean to be made vulnerable in the era of COVID-19?	The Lancet Correspondence

27.04.2020	An international registry for emergent pathogens and pregnancy	The Lancet Correspondence
27.04.2020	What policy makers need to know about COVID-19 protective immunity	The Lancet Comment
27.04.2020	Impact of contact tracing on SARS-CoV-2 transmission	The Lancet Infectious Diseases Comment
May 2020	Decolonising COVID-19	The Lancet Global Health Editorial
28.04.2020	COVID-19 responses in Africa: Ok, one size doesn't fit all. Now what?	African Arguments Blog
28.04.2020	Safety of sanitation workers should not be overlooked	IDS Opinion
28.04.2020	Shut down and reboot – preparing to minimise infection in a post-COVID-19 era	The Lancet Digital Health News

Tracking Dashboards

Cases & deaths: Global	Cases & deaths: Regional	Cases & deaths: Country	Diagnostics	Treatments	Vaccines
WHO sitreps	WHO Africa	Ghana	FIND SARS-CoV-2 Test Tracker	Global COVID-19 Clinical Trial Tracker	CEPI
WHO dashboard	African Arguments	Indonesia	Serology-based tests for COVID-19	US NIH registered clinical trials	Vaccine Centre LSHTM
Johns Hopkins University	European CDC	Nigeria CDC		Solidarity trial	

WEF		Sierra Leone		COVID-19 Therapeutics Accelerator	
Our World in Data		Singapore			
Global 5050		UK			
CEBM, University of Oxford		US			
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	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		PLoS	CMMID Repository		
UNOCHA		Wiley Health Economics	Norwegian Institute of Public Health		
UNHCR		Pre-prints medRxiv and bioRxiv	CEBM, University of Oxford		
UNICEF					
UNESCO					
UN WFP					
GOARN					

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
30.04.2020 0730 BST	COVID-19 open online briefing with Dr David Nabarro	Event		4SD
Available now	Emerging respiratory viruses, including COVID-19: methods for	Online learning	3 hours	WHO

	detection, prevention, response and control			
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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