

UK's 'Moonshot' mass virus test plan met with skepticism

September 10 2020, by Sylvia Hui



Britain's Prime Minister Boris Johnson reacts during a virtual press conference at Downing Street in London, Wednesday Sept. 9, 2020, following the announcement that the legal limit on social gatherings is set to be reduced from 30 people to six. The change to the "rule of six" with legal status in England, will come into force on upcoming Monday as the Government seeks to curb a recent and ongoing rise in coronavirus cases. (Stefan Rousseau/Pool via AP)

Health experts on Thursday expressed strong skepticism about the British government's ambitious plans to carry out millions of coronavirus tests daily in a bid to help people resume normal lives in the absence of a vaccine.

Prime Minister Boris Johnson said Wednesday he wanted to roll out much simpler, faster mass testing "in the near future" to identify people who don't have the virus so that they can "behave in a more normal way in the knowledge they can't infect anyone else." Johnson said people with such negative "passports" could then attend events at places like theaters, and he said he was "hopeful" that the plan will be widespread by springtime.

Johnson made the comments as he announced strict new measures to try to curb a sharp recent rise in COVID-19 cases across Britain. From Monday, social gatherings of more than six people will be banned in England—both indoors and outdoors—and Johnson hinted that such restrictions will potentially remain in place until or through Christmas.

Health professionals were quick to question the mass testing claims, with one expert calling the strategy—known as "Operation Moonshot"—"fundamentally flawed."

"It is being based on technology that does not, as yet, exist," said Dr. David Strain, clinical lecturer at the University of Exeter. Johnson's suggestion of new tests that can give rapid results like a [pregnancy test](#) is "unlikely if not impossible" by the spring, he said, and the technology is far from reliable.



Britain's Prime Minister Boris Johnson speaks during a virtual press conference at Downing Street, London, Wednesday Sept. 9, 2020, following the announcement that the legal limit on social gatherings is set to be reduced from 30 people to six. The change in England will come into force on Monday as the Government seeks to curb the rise in coronavirus cases. (Stefan Rousseau/Pool via AP)

"Existing technology has been demonstrated to miss up to one-third of people who have COVID-19 in early disease. After a second [test](#) 48 hours later, we still miss over a quarter of people," he said.

Dr. Chaand Nagpaul, council chairman of the British Medical Association, echoed the concerns, particularly given the problems Britain is already experiencing with laboratory capacity to process tests.

"The notion of opening up society based on negative tests of those without symptoms needs to be approached with caution—both because of the high rate of 'false negatives' and the potential to miss those who are incubating the virus," he said.

Jonathan Ashworth, the opposition Labour party's health spokesman, said Thursday that many are "fed up of undelivered promises." In response, Health Secretary Matt Hancock said he's "absolutely determined that we will get there."



Volunteer Yash is injected with the vaccine as part of an Imperial College vaccine trial, at a clinic in London, Wednesday, Aug. 5, 2020. Scientists at Imperial College London are immunizing hundreds of people with an experimental coronavirus vaccine in an early trial after seeing no worrying safety problems in a small number vaccinated so far. (AP Photo/Kirsty Wigglesworth)



A man wears a face mask to protect against infection from coronavirus as he sits on an Underground train, in London, Tuesday, Sept. 8, 2020. (AP Photo/Alberto Pezzali)

Officials say Britain currently have the capacity to process about 370,000 tests a day, and aim to ramp this up to 500,000 daily by the end of October. Government data show that about 176,000 tests are actually processed each day.

British media have cited cases of people struggling to book tests—with some being told to travel to the opposite end of the country to get tested.

Like many other European countries, Britain needs to act fast to contain a renewed spread of [coronavirus](#) as the winter flu season looms. The number of daily laboratory-confirmed positive cases in the U.K. hit nearly 3,000 on Sunday.

The U.K. has Europe's worst death toll from the virus, with nearly 41,600 deaths within 28 days of testing positive. The actual toll is believed to be far higher as the government tally doesn't include those who died without having been tested.

© 2020 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: UK's 'Moonshot' mass virus test plan met with skepticism (2020, September 10)
retrieved 7 May 2024 from

<https://medicalxpress.com/news/2020-09-uk-moonshot-mass-virus-met.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--