

REPORT

Coronavirus outlook research June 2021



Digital temperature screening protection

Covid outlook: its here to stay

With restrictions eased, and restaurants and pubs re-opened, you may be inclined to believe that COVID-19 is soon going to be a distant memory. However, rigorous data analysis and research has suggested that COVID-19 along with its variants are here to stay, just like the common colds and flu that come around each year.

nature
International weekly journal of science

"Five years from now, when childcare centres call parents to tell them that their child has a runny nose and a fever, the COVID-19 pandemic might seem a distant memory. But there's a chance the virus that killed more than 1.5 million people in 2020 alone will be the culprit." - Nature.com

Many people believed that the COVID-19 vaccine would end the pandemic and although data shows that the vaccines reduce the severity of the symptoms, there is little evidence that they block transmission, and experts think it is unlikely that they are able to. The majority of the adult population have received their first dose of the vaccine and over half have received the second.

TheScientist
EXPLORING LIFE, INSPIRING INNOVATION

"The chances of this disease going away are very small," says Kate Baker, an infectious disease researcher at the University of Liverpool in the UK. "I think we're going to end up tolerating a certain level of disease." - The Scientist

However, transmission in the UK is becoming more frequent and cases are steadily rising. Arguably, there are less people admitted to hospital and there are fewer deaths, but the rate of transmission gives the virus more scope to mutate further.

MEDPAGE TODAY

Nahid Bhadelia, the medical director for Boston Medical Centre Special Pathogens Unit called the mutations of the virus 'variants of concern' because they are "changing the way that this virus is causing disease and how it's transmitting" - Med Page Today.

The vaccines were created as COVID-19 was constantly evolving and mutating into new variants, some of which are more contagious and deadly. Therefore, it is still unknown whether alternative vaccinations will be needed to eradicate these variants. For example, Public Health England stated that the most efficient COVID-19 vaccine only provides 88% protection

against the Delta variant which is 5% less than the protection against the original COVID-19 virus. As more variants of the virus are discovered, the level of protection will decrease, and new vaccines will need to be manufactured.

The virus is becoming harder to contain as it is constantly evolving over time.

- BMJ. Ms Walker, chief investigator for the Office for National Statistics (ONS) Covid-19 Infection Survey, explained that being in an endemic means we will have to learn to live with the disease.

BMJ Journals

"Due to the constant mutating of the virus, scientists working in the field believe that this pandemic will become endemic. They believe it will continue to "circulate in pockets of the global population for years to come causing outbreaks in regions where it had been eliminated"- BMJ

'Covid is here to stay'
Boris Johnson, PM,
14th June 2021

Digital temperature screening protects with real time health monitoring

Now, as ever, it is an imperative that organisations have fast and effective measures in place to protect people and reduce the chances of another Covid lockdown. FeverCheckerPro is a digital health screening system that can instantly identify anyone with an elevated temperature which can be indicative of illnesses such as Covid, sepsis or pneumonia, all of which have high mortality outcomes.

Deployed at an entrance to a building or event, the health screening automatically identifies individuals with excessive temperature. These people can immediately receive an alert and initiate advice whilst the respective management take comfort from the technology that has afforded protection of the entrants from the chance of contagion. When connected to a network the data management and analytics in a FeverCheckerPro system can track an entire organisations' people, instantly, in real-time, enabling rapid deployment of counter measures appropriate to the severity of the problem.

Digital screening

Digital screening is simple, non-invasive and takes you just a second. It works by simply

looking at the screening station devices' screen for one second while it automatically measures your temperature and then immediately displaying it on the screen in front of you. A green colour light and message indicate that you're ok and red light and an alert message means that you should seek medical advice. Every 'scan' is highly accurate and can be stored for traceability. The system has the capability to detect masks as well as having facial recognition facilities, all of which can be used for more advanced contagion management and control.

Why is measuring temperature so important?

In event of an illness, such as Covid, body temperature typically elevates to excessive levels over an 8-to-18-hour period, so by checking your temperature regularly every day and tracking its' elevation, it is possible to catch an illness at an early stage and in so doing take preventative measures to limit the illnesses severity. For best practice doing three checks each day, at recommended four-hour intervals, a methodology called 3xD, any elevated temperature changes are alerted sooner and interventions initiated. This timely methodology is essential for early detection, in the context

of Covid, this means that it can be picked up more quickly and thus steps taken to isolate and limit the potential for contagion amongst colleagues, friends and family. Stop contagion and you ultimately stop Covid but of course, an elevated temperature could be another illness such as sepsis or pneumonia, which also have high mortality outcomes if not dealt with quickly.

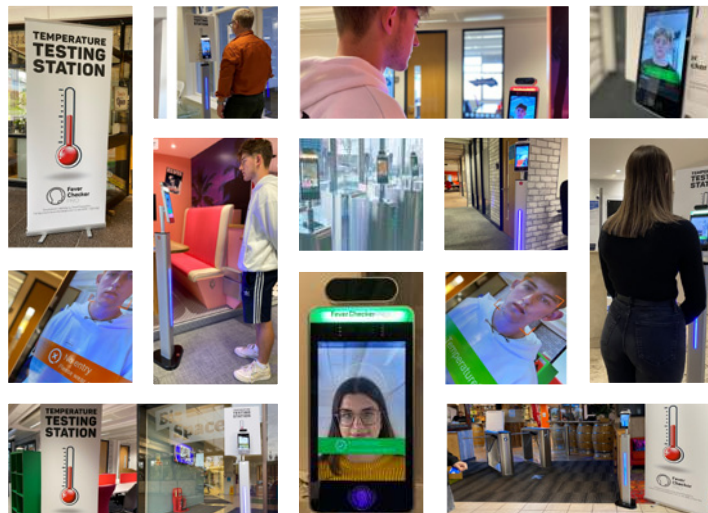
Digital data is the silent partner of good health

The FeverCheckerPro device used in this example is not harmful, non-invasive, easy, quick and is therefore a brilliantly simple way of monitoring your health. It is entirely safe for adults and children. As the Government says, it's all about the data and by doing regular daily checks to create your own data profile, you and your family, friends and colleagues all have a much better chance of avoiding serious illnesses. Data is your silent friend to maintaining good health.

The deployment of digital technology is advancing the fight to get us back to normal, faster and with the benefit of having continuous health management we're all alert to a better life journey.

Be part of it...

Kick Covid Out!



Help us to help you kick Covid out of every shop, pub, restaurant, hotel, school, university, medical centre, hospital, office and all other indoor establishments.

With fever detection on every door or entrance, symptomatic Covid can be managed more effectively, preventing it from entering inside, helping to kick Covid out. Be part of it.



This information has been prepared by FevercheckerPro, a leading organisation in digital Covid management systems.

For further information please visit www.fevercheckerpro.com



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