

## **South Korea uses technology to combat Covid-19: a quarantine station with a speed of 10 minutes / test, a series of health monitoring applications were born.**

As one of the countries with the most complicated situation of the Covid-19 epidemic today, South Korea hopes that breakthrough technological ideas will help them better control and repel this dangerous strain of virus. .

Before the complicated situation of the Covid-19 epidemic, Korea has carried out a lot of technological measures to support people to monitor, prevent and update information about this virus strain.

Specifically, Korea has set up a system of 50 super-quarantine stations, distributed in many different streets and is expected to apply to all major cities in the near future. Accordingly, drivers just need to come over here, open the window for medical staff to measure body temperature and take samples without having to get out of the car. The entire process takes only about 10 minutes, and the medical team is also fully equipped with protective equipment before work.



It only takes about 10 minutes for the medical staff at the super quarantine stations to have their body temperature and samples taken.

Dr. Shin Hee Jun, who is currently working at Soonchunhyang University Hospital, Bucheon, Seoul, said the unique initiative was inspired by an anti-terrorist exercise. With experience from the research project of the Korean Center for Disease Control and Prevention (KCDC) in 2018, he was one of the participants who discussed and proposed the application of the super-quarantine plan on here.

Dr. Shin said the goal of this option is to minimize direct human interaction, minimizing the possibility of cross-contamination. In addition, because the testing process is quite fast, it can be conducted with many different people, helping to speed up the monitoring and controlling the spread of Covid-19.

He said: '*In the beginning, I did not think this high-speed quarantine plan would receive so much attention. But when Covid-19 exploded and spread in Daegu, it became an extremely effective and effective tool*'. According to the reports, the quarantine rate of each station is very impressive, it is possible to conduct samples of 6 different people per hour, which is 3 times faster than normal medical facilities. .



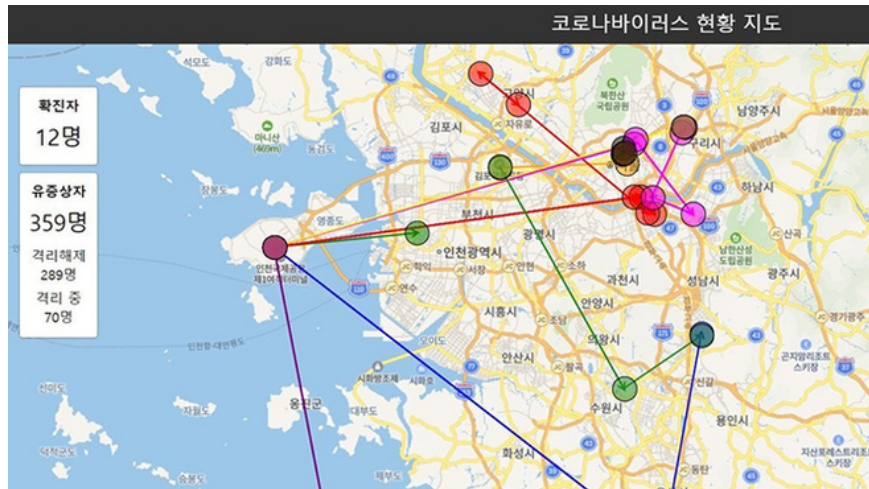
These quarantine stations will help accelerate Covid-19 testing.

Besides, this unique idea also received many positive reviews from both domestic people and international friends. Kim Je Hye, a resident of Daegu, said: '*Because I didn't want to interact with other people, I went to the quarantine station quickly. Very convenient and efficient*'. Jeffrey Jones, Chief of American Chamber of Commerce in Korea also called this an extremely innovative solution; while Ian Bremmer, founder of Eurasia Group, said this is an important role to help South Korea accelerate the recovery process.

Not only focusing on testing, South Korea also pays special attention to the media to help people update Covid-19 related news quickly and accurately. Recently, the Ministry of Internal Affairs and Safety of Korea launched a new mobile application to help local governments and large cities to strictly control suspected Covid-19 cases. Utilizing the ability to locate GPS, this application will continuously monitor and send alerts about cases of arbitrarily leaving the quarantine area. In addition to Korean, users can also choose English or Chinese language, allowing foreign visitors to use without difficulty.

Since recording the first Covid-19 case in late January, South Korea has also stepped up many online tools to keep updated on the new strain. Among them are some digital map services such as Corona Nearby, Coronamap

Live or Corona Map. In addition, visitors from other countries like China are also required to download smartphones a dedicated application, capable of supporting self-diagnostics and real-time health status reports to support themselves. better translation right.



Online map applications are well developed in Korea with fairly clear captions, such as the red area where Covid-19 has been reported in the last 24 hours; yellow is where the patient has been since 8 days ago, or green is more than 9 days ago.

Like China, drones are also becoming a powerful weapon in the battle with Covid-19. In addition to propagating information, drones can also be used to spray disinfectants from above, can cover a large area in just a short period of time, operate independently without many people. control.

*According to YonhapNews*

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