

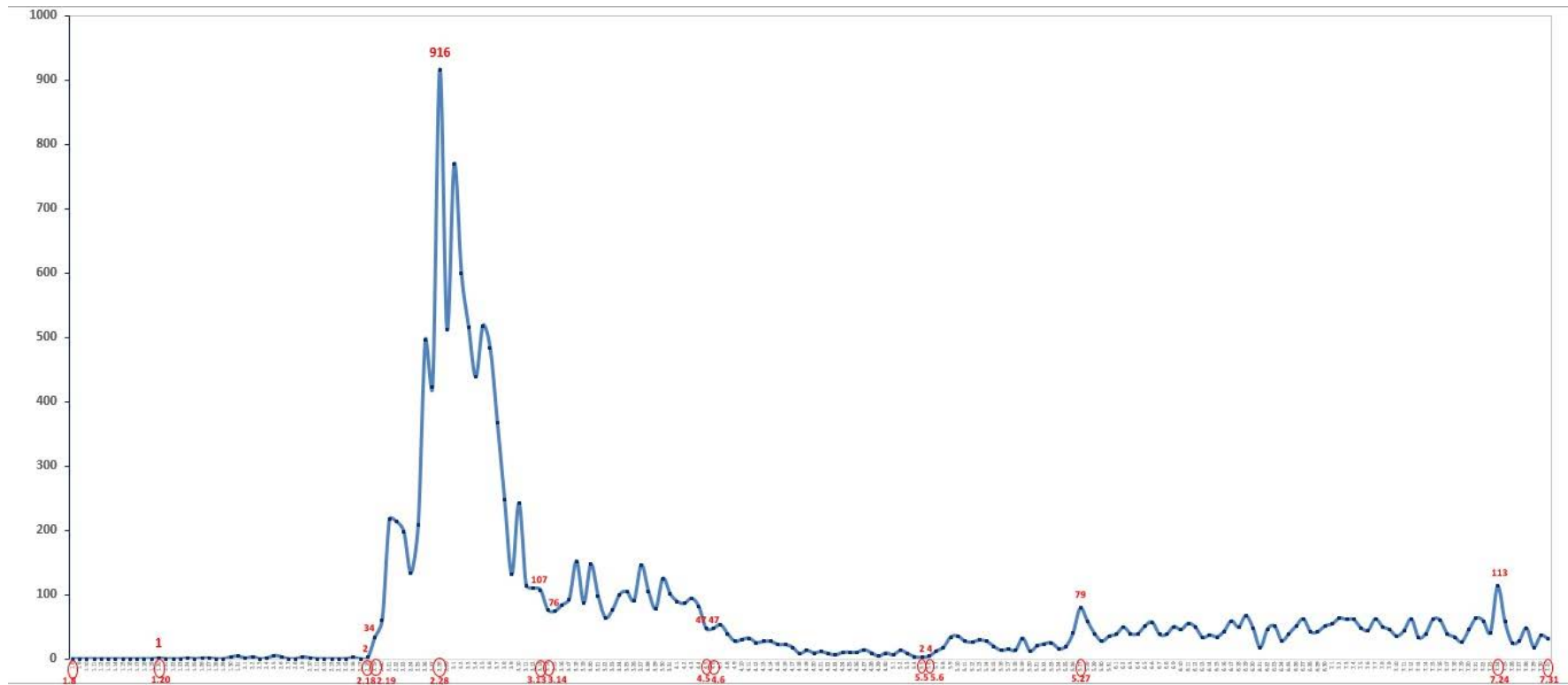
Online Training Workshop
Advancing Government Innovation and Leveraging Frontier Technologies
for Disaster Risk Reduction and Building Resilience
Organizer : UN DESA/DPIDG/UNPOG, UNDRR GETI, and MOIS

Leveraging Innovative Technologies for Disaster Risk Reduction and Building Resilience - the Case of Republic of Korea especially in Times of COVID-19 Pandemic

Dr. Yong-kyun Kim

Director General, National Disaster and Safety Control Center,
Ministry of Interior and Safety, Republic of Korea

New Confirmed Cases of COVID-19 in Korea (Source : KCDC)



Extensive use of innovative technologies

- RT-PCR diagnostic test kit along with rapid approval system
- Innovative drive-thru methods and walk-thru booths
- Smart Quarantine Information System
- Self-quarantine safety protection App

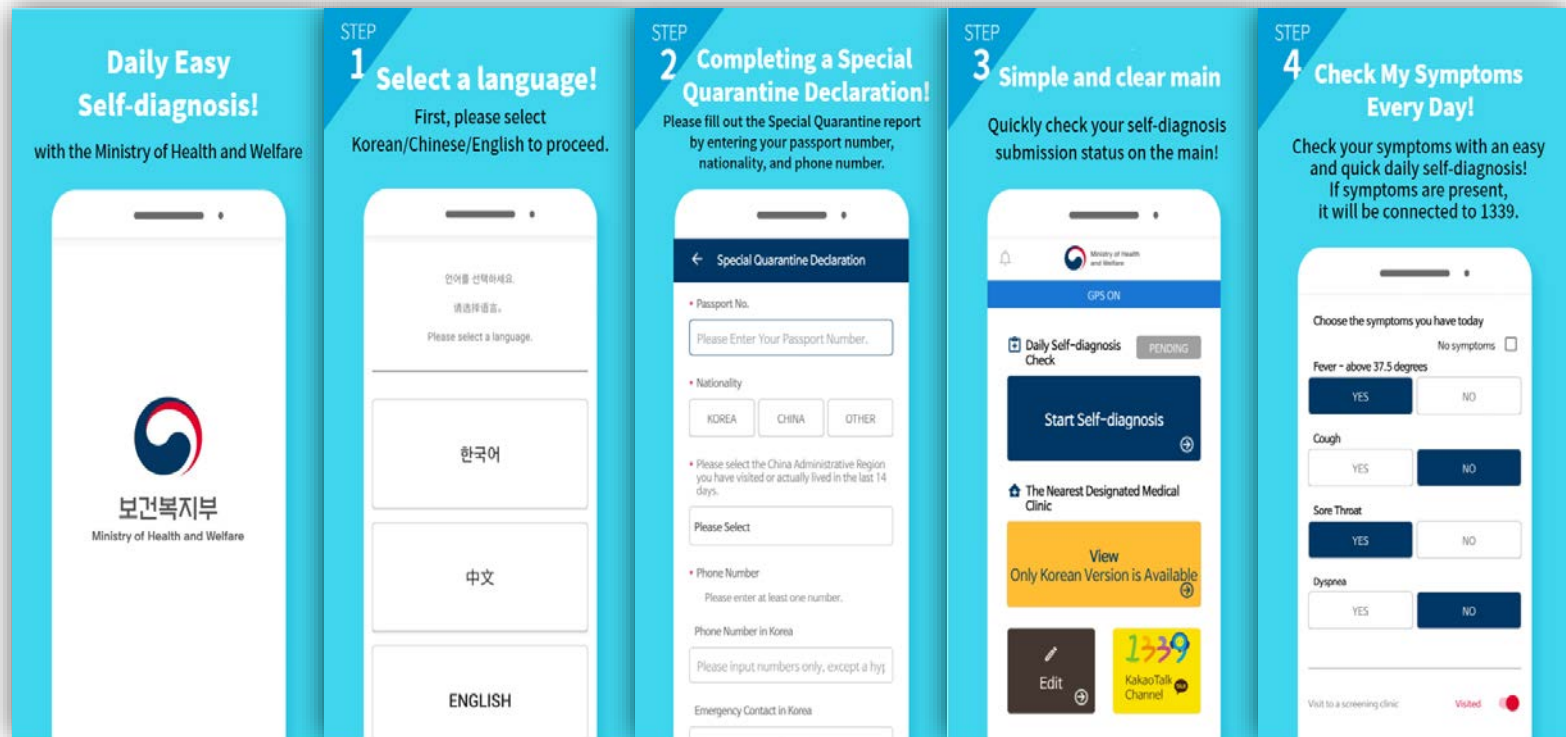
RT-PCR diagnostic test kit along with rapid approval system



Innovative drive-thru methods and walk-thru booths



Smart Quarantine Information System



Self-quarantine safety protection App

Self-quarantine Safety Protection
version | 1.3.1

Self-diagnose

Final self-diagnosis
2020-03-20 14:14

Diagnosis list

Edit information >

Living rules >

Official contact >

1339 >

Self-diagnose

Select today's symptoms

Fever - above 37.5 degrees

Yes No

temperature : . °C

Cough

Yes No

Sore Throat

Yes No

Dyspnea

Yes No

Self-diagnosis results and anything specific will be sent to the public official in charge.

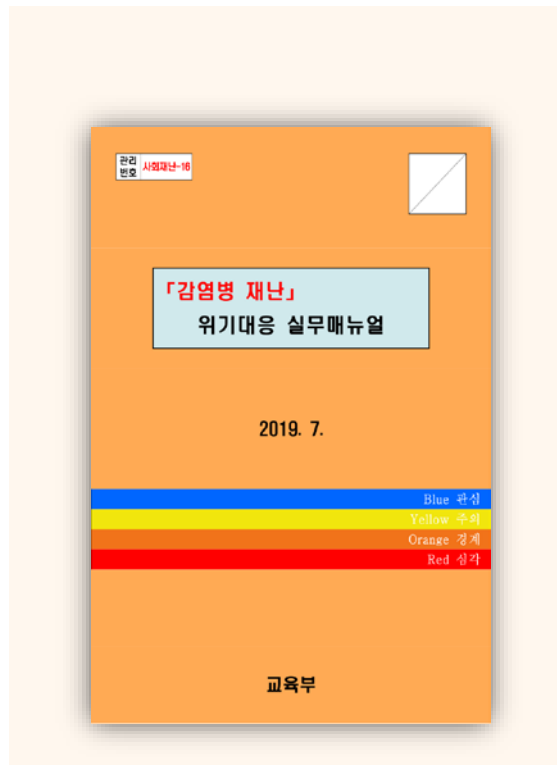
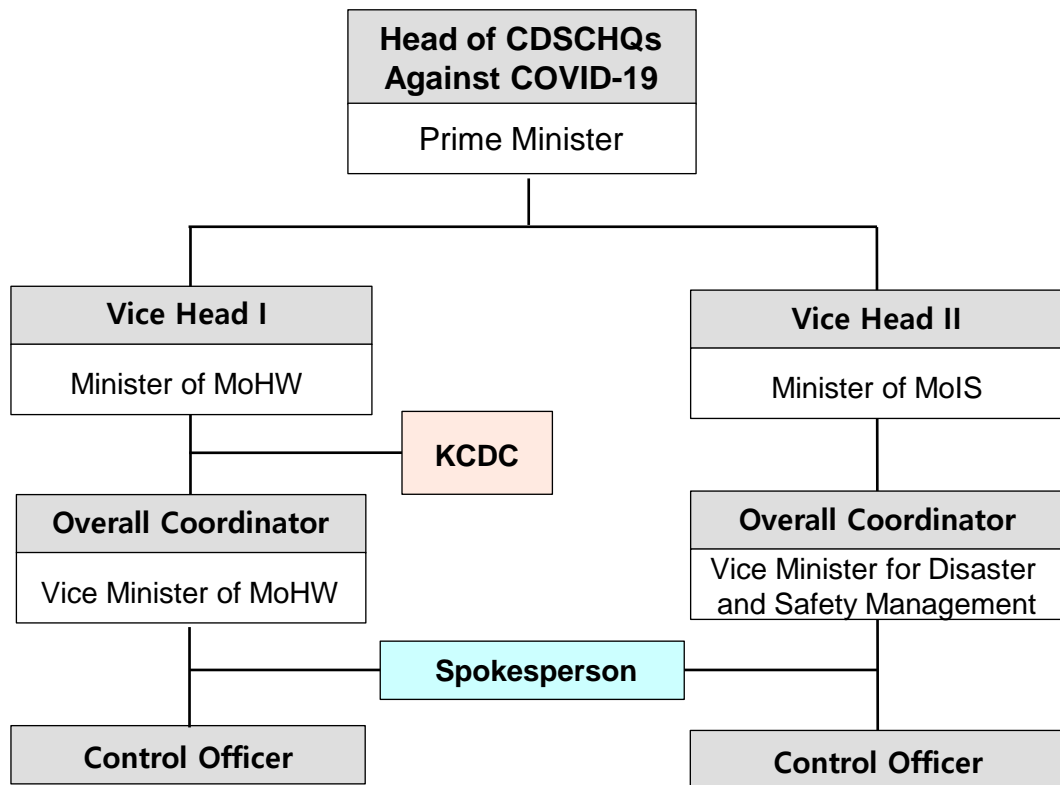
Save

Risk Governance for Korea's successful response

- Clear Roles and Responsibilities among responsible agencies
- Democratic decision-making process
- Transparent information disclosure

Clear Roles and Responsibilities among responsible agencies

- Infectious disease response manual



Democratic and participatory decision-making process



<https://news.naver.com/main/read.nhn?oid=008&aid=0004376118>

Transparent information disclosure



Disaster Alert



[Changwon City Hall] Gyeongnam no.116 confirmed case(Changwon 34)travel history [4.21] 16:00,going home (Uichang Sinwol-dong,disinfection completed) → 18:00 Emart 24 Changwon SinWol Branch (Uichang-gu, sinwol-dong, disinfection completed) The place has been disinfected is safe.

2020-04-22 13:52

[Changwon City Hall] Gyeongnam no.116 confirmed case(Changwon 34) travel history [4.20] 13:09 ~ 13:40, Daesambanjeom Restaruant (Jinhae-gu, Macheon-dong, disinfection completed), 19:00, Home (Uichang-gu Sinwol-dong) [4.21] 10:00, Jinhae public health center checkup

2020-04-22 13:51



Disaster Alert



[Changwon City Hall] Gyeongnam no.116 confirmed case (Changwon 34) travel history [4.19] 16:00, 16:20, Lotte department store (B1 Young Plaza Paul Bassett, B1 main building Gentz Bakery, disinfection completed) → 16:30,Home (Uichang-gu, Sinwol-dong)

2020-04-22 13:50

[Changwon City Hall] Gyeongnam no.116 confirmed case (Changwon 34) travel history [4.19], 15:30 ~ 16:00 Lotte Department Store Changwon Branch (B2 parking lot, 3F Young Plaza Uniqlo, disinfection completed)

2020-04-22 13:49

[Changwon City Hall] Gyeongnam No.116 case confirmed. (60s, Male,Changwon no.34 case, Jinhae-gun Jehwangsan-dong) Information of travel history. (04.19), 14:00-15:15, Hongik Pork Cutlet (Uichang-gu Sinwol-dong, self drive, disinfection completed)

2020-04-22 13:49

Thank You !!
Gamsahapnida