

ICT-based Responses to COVID-19 of Korea

Oct. 12th. 2020 ~ Oct. 30th. 2020



Target For anyone who are interested in K-quarantine

Registration Create an account in K-MOOC(<http://kmooc.kr>)
→Search 'ICT-based Responses to COVID-19 of Korea'→Register
*Registration will be open from October 12(MON) to October 23(FRI), and this course is being offered free of charge.

Benefit The completion certificate will be issued if learners meet requirements (more than a passing mark of 60%).

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Module	Contents
01 Risk Management Governance and Healthcare Policy of Korea	Governance Governance for Disaster Risk Management in Korea : Focusing on COVID-19 Policy Overview of Healthcare System and Medical Information Policy of Korea, National Infectious Disease Management in Rep. of Korea
02 Digital Government System to Respond to COVID-19 of Korea	Policy Response to COVID-19 : Lessons from S. Korea, COVID-19 Response using NHIS Big Data System TEST : Special Entry Control System TRACING : Self-quarantine Management, COVID-19 Contact Tracing System, Release and Utilization of Open Data, Smart Quarantine System, Drug Utilization Review and International Traveler Information System, The Integrated Infectious Disease Management Information System TREATMENT : Negative Pressure Isolation Room Information System, Patient Management Information System
03 ICT Services to Respond to COVID-19 of Korea	Technology On-time ICT Services for Use Cases of COVID-19 Response Service AI-based Medical Solution(X-ray, CT), AI Monitoring Call, Un-tact Clinic, Public Chatbot, Coronaita, GEPP

Language : English

ICT-based Responses to COVID-19 of Korea



Objective	To improve policy capacities to respond to infectious diseases using ICT that is suitable for each country’s circumstance based on understanding of Korea’s healthcare informatization and ICT-based strategy to respond to infectious diseases
Target	Anyone who are interested in K-quarantine
Period	October 12(MON)-October 30(FRI) / 3 weeks
Requirement	Quiz 60%, Discussion 40% * Certificate will be issued to those who get a passing mark of 60%.

Module I . Risk Management Governance and Healthcare Policy of Korea

Program	1-1 Governance for Disaster Risk Management in Korea : Focusing on COVID-19
	1-2 Overview of Healthcare System and Policy of Korea - Overview of Healthcare System in Korea - Issues and Direction of the Future Medical Information Policy
	1-3 National Infectious Disease Management in Rep.of Korea

Module II . Digital Government System to Respond to COVID-19 of Korea

Program	2-1 Response to COVID-19 : Lessons from S. Korea
	2-2 Digital Gov’t System for COVID-19 TEST - Special Entry Control System
	2-3 Digital Gov’t System for COVID-19 QUARANTINE & TRACING I - Self-quarantine Management in Korea - COVID-19 Contact Tracing System - Release and Utilization of Open Data
	2-4 Digital Gov’t System for COVID-19 QUARANTINE & TRACING II - COVID-19 : Smart Quarantine System - Drug Utilization Review and International Traveler Information System - The Integrated Infectious Disease Management Information System
	2-5 Digital Gov’t System for COVID-19 TREATMENT - Negative Pressure Isolation Room Information System - COVID-19 Patient Management Information System
	2-6 COVID-19 Response using NHIS Big Data

Module III. ICT Services to Respond to COVID-19 of Korea

Program	3-1 On-time ICT Services for Use Cases of COVID-19 Response
	3-2 TEST with ICT Services to Respond to COVID-19 of Korea - AI-based Chest CT Quantification Solution - Effective Triage of COVID-19 Patients via AI Solution for Chest X-ray Analysis
	3-3 TRACING with ICT Services to Respond to COVID-19 of Korea - AI Monitoring : Clova Carecall
	3-4 TREATMENT with ICT Services to Respond to COVID-19 of Korea - Goodoc’s Un-tact Clinic - Public Chatbot Service for COVID-19 Prevention - Coronaita : Contact Visualization and Disinfection
	3-5 ICT-based PPP Service to Respond to COVID-19 of Korea : KT-Responses to COVID-19