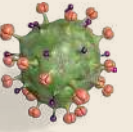


Construction of a System for Integrated Management of Infectious Disease-related Data



□ System Main Page (Detail)

[Statistical analysis] Data by 25 district, gender, and age can be provided when checking the number of confirmed patients, deaths, and re-infection within a specified period.

The screenshot displays the '통계 및 현황' (Statistics and Status) page of the Seoul City Infectious Disease Integrated Management System. The interface includes a navigation menu on the left, a search filter section at the top, and a data table below.

Search Filter Section:

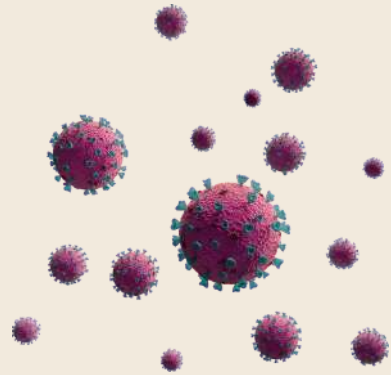
- 기간: 2022-11-29 (Sun) - 2022-12-01 (Wed)
- 검색분류: 자치구별, 전체
- 종별: 신역
- 연령별: 전체
- X-필터: 연별, 월별
- Y-필터: 자치구별, 성별, 재감염자별, 사망자별, 연령대별

Data Table:

분류	2022		총계
	11월	12월	
재감염	10대미만	0	0
	10대	0	0
	20대	0	0
	30대	0	0
	40대	0	0
	50대	0	0
	60대	0	0
	70대	0	0
	80대	0	0
	90대	0	0
사망	100대	0	0
	10대미만	0	0
10대	0	0	



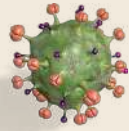
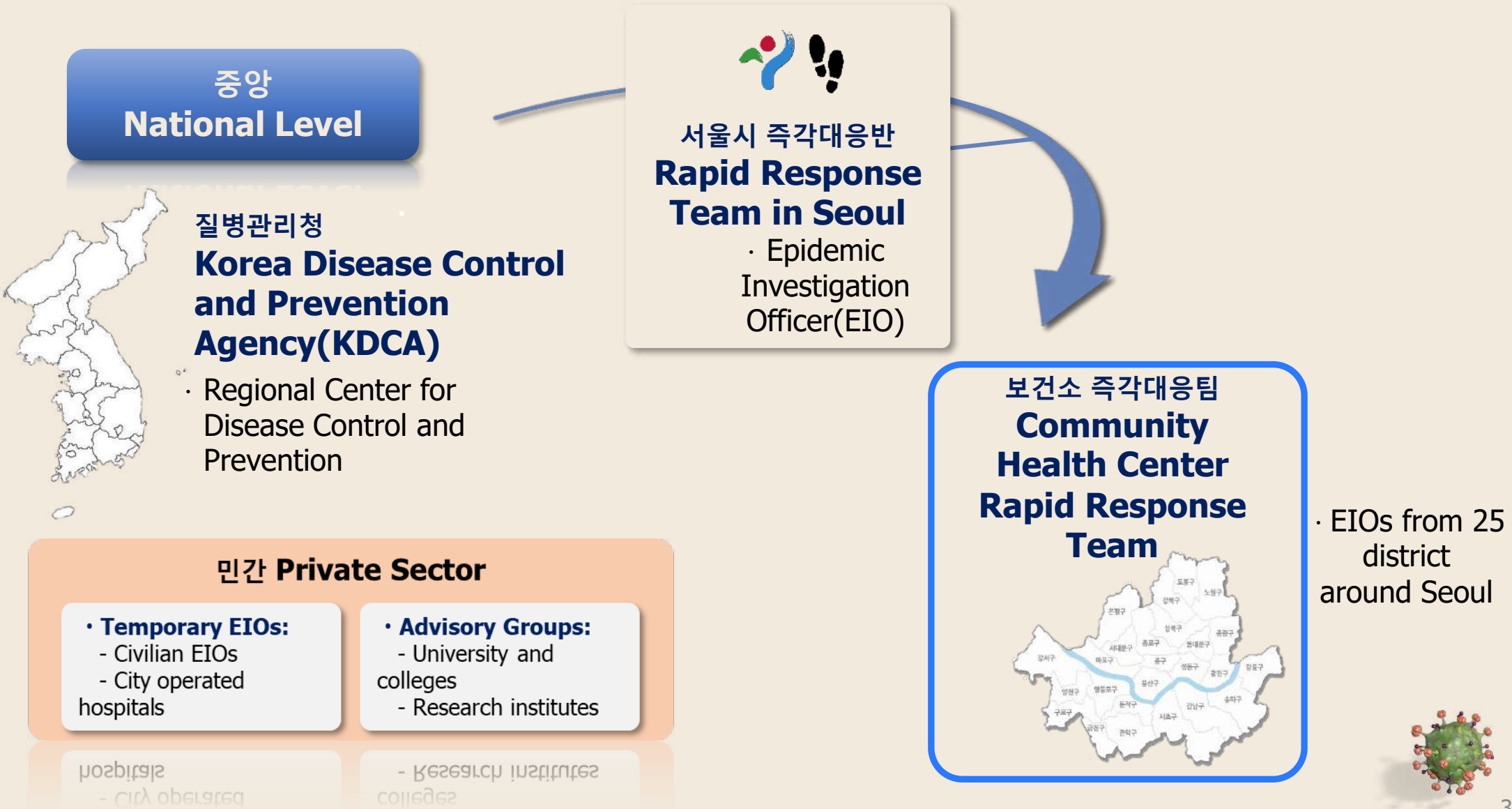
03



COVID-19 Response in Seoul

- Epidemiological investigation response system
- Home treatment

Organization chart of Epidemiological Investigation Response System



COVID-19 Timeline and Response Strategy in Seoul





Transition of Epidemiological Investigation Method

Prior Movement Tracking & Location Logs Method

- Community Health Center personnel
- Personal interviews via telephone
- Data collection:
 - Baseline and in-depth interviews conducted **twice**
 - Close contacts, quarantine/isolation

※ Contacts identified via:
Patient interview,
surveillance camera footage,
electronic transaction
data(QR codes, etc.)



Self-reported Survey Method

- Confirmed patients
- Self-reported survey via mobile device
- Data collection:
 - Baseline and in-depth interviews conducted **once**
 - Cohabitants, viral tests for cohabitants

※ Contacts not isolated; based on
self-provided information



Self-reported Survey Method (1)



보건소, 의료기관 방문
Visit screening facilities

- Public health centers
- Hospitals and clinics

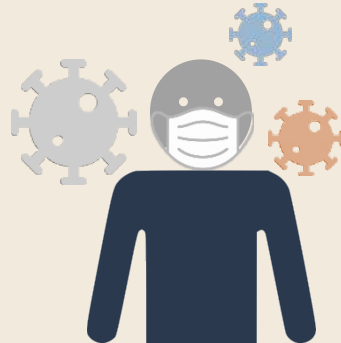


전자문진표 작성
Complete online medical Q's

- Connect via QR code
- Before visit or on-site



코로나 검사
COVID-19 PCR Test



확진자 통보 및 URL 발송
Notification of COVID-19(+)

- Notify confirmed patients
- Send survey URL via mobile phone



자기기입식 조사서 작성
Complete self-reported survey

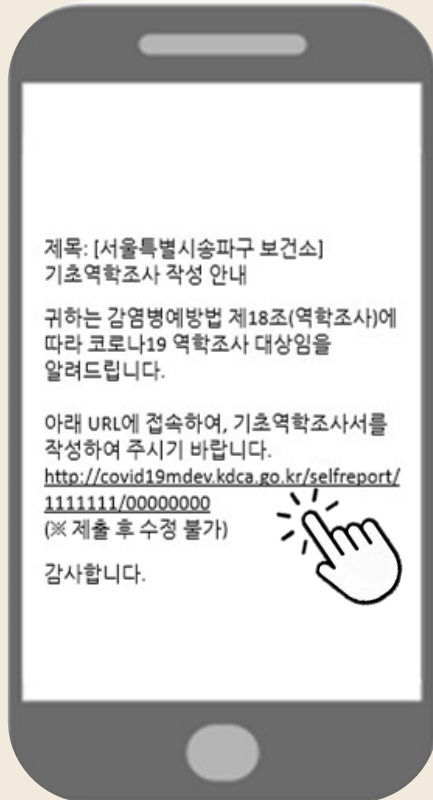


Self-reported Survey Method (2)

Self-reported survey data

Baseline characteristics (name, resident registration number, gender, address, etc.)

✓ COVID-19 symptoms, underlying medical conditions, cohabitants, vaccination date, etc.



1.1 이름을 입력하세요. (필수)
이름을 입력하세요.

1.2 주민등록번호(외국인등록번호)를 입력하세요. (필수)
주민등록번호(외국인등록번호)를 입력하세요.

1.3 성별을 선택하세요. (필수)
남자 여자

1.4 국적을 선택하세요. (필수)
내국인 외국인

1.5 거주지 주소를 입력하세요. (필수)
주소검색

1.6 본인의 휴대전화번호를 입력하세요. (필수)
본인의 휴대전화번호를 입력하세요.

1.6 보조자의 휴대전화번호를 입력하세요.
010-0000-0000

1.7 감염취약시설의 구성원(종사자, 이용자 또는 입소자)입니까? (필수)
예 아니오

1.8 동거장래인 여부를 선택하세요. (필수)
예 아니오

다음

2.1 확진 14일전부터 현재까지 증상여부를 선택하세요. (필수)
있음 없음

2.3 이번 양성 판정 받은 검사일(검체채취일)은 언제인가요? (필수)
이번 양성 판정 받은 검사일(검체채취일)은 연월일
*PCR 검사, 신속항원검사(전문가용), 음성선행검사 중 가장 최근 검사일

2.4 기저질환이 있나요? (필수)
예 아니오

2.5 키와 몸무게를 입력하세요. (필수)
키(cm) 몸무게(kg)

2.6 이전에 코로나19에 감염된 적이 있으신가요? (필수)
예 아니오

< 이전 다음

3.1 동거인이 있나요? (필수)
예 아니오
*동거인 정보(해당 인원 전원)를 입력하세요.

동거인 정보
동거인 인원을 숫자로 입력하세요. 명
이름을 입력하세요.
성별을 선택하세요.
남자 여자
생년월일을 숫자로 입력하세요.(예: 1988010)
연락처를 숫자로만 입력하세요.
주소검색

예방접종 최종차수를 선택하세요.
동거인은 코로나19 감염을 진단 받은 적이 있나요? (필수)
예 아니오
등록 (필요한 숫자만큼 눌러서 추가 가능합니다)

< 이전 다음

인적사항
이름 김민준
주민등록번호 991211-1000000001
연락처 010-0000-00000
성별 남자
지역 서울특별시 강남구
외국인등록번호 없음
입력완료 여부 0/1/2/3

증상 및 기저질환
호흡기증상 없음
발열 2022-09-10
목감기/인후통 2022-09-11
기타증상 없음
전통약제 2022-09-10
항생제/항진균제 0/1/2/3
항암제/항암화학요법 0/1/2/3
항암제/항암화학요법 0/1/2/3

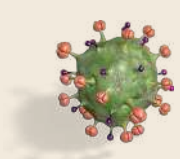
동거인 정보
동거인 정보 예, 1명
이름 김민준 (남자)
연락처 010-0000-00000
외국인등록번호 없음
예방접종 최종차수 없음
예방접종 최종차수 없음

국민에서 발원 방법을 선택하세요. (필수)
국민에서 발원(의료, 재택, 사회적) 및 기타 시 필요할 경우 추후 의사결정 후 판단받을 수 있습니다.
국민에서 발원 방법을 선택하세요

본 내용을 잘 읽어 보신 후 내용이 맞으면 '등록' 버튼을 눌러주세요. 틀린 내용이 있으면 '수정' 버튼을 눌러 수정하세요.

부족한 입당자 또는 역학조사원이 제공한 정보가 적절하지 않아 다시 연락드릴 수 있습니다. 감사합니다.

< 수정하기 등록하기



Self-reported Survey Method (3)

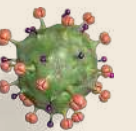


Survey data automatically registered on EISS(Epidemiological Investigation Support System)

The screenshot shows a web-based survey form with the following sections:

- 1. 조사대상자 인력사항 (해당사항에 대표시 또는 기재)**
 - 1.1 성명: [Text Field]
 - 1.2 주민등록번호: [Text Field]
 - 1.3 성별: 남 여
 - 1.4 국적: 국내 국외
 - 1.5 거주지 주소: [Text Field]
 - 1.6 연락처: 원자 010- [Text Field] - [Text Field] - [Text Field] | 보호자 [Text Field] - [Text Field] - [Text Field] | 본인여부: 본인 보호자
 - 1.7 귀하는 감염취약시설의 구성원 (종사자, 이용자 또는 옆소자)입니까?: 예 (종사자, 입소자) (시설명 [Text Field], 시설담당자 연락처 [Text Field]) | 아니요
 - 1.8 감염취약시설 유형(1-7 "예"인 경우 선택): 요양병원 요양시설(공동생활가정 포함) 주야간센터(단기 보호 포함) | 정신의료기 정신요양시설 정신재활시설 장애인복지시설
 - 1.9 등록장애인 여부: 예 아니요
 - 1.10 장애유형: 지체 정신 등
 - 1.11 장애정도: 중증 경증
- 2. 증상 및 거처질원 (해당사항에 대표시 또는 기재)**

At the bottom of the form, there are several buttons: (Save Temporarily), (Save), (Delete), (Print Report), (Add File), and (Close). The '저장' button is highlighted with a red box and a red arrow pointing to it.

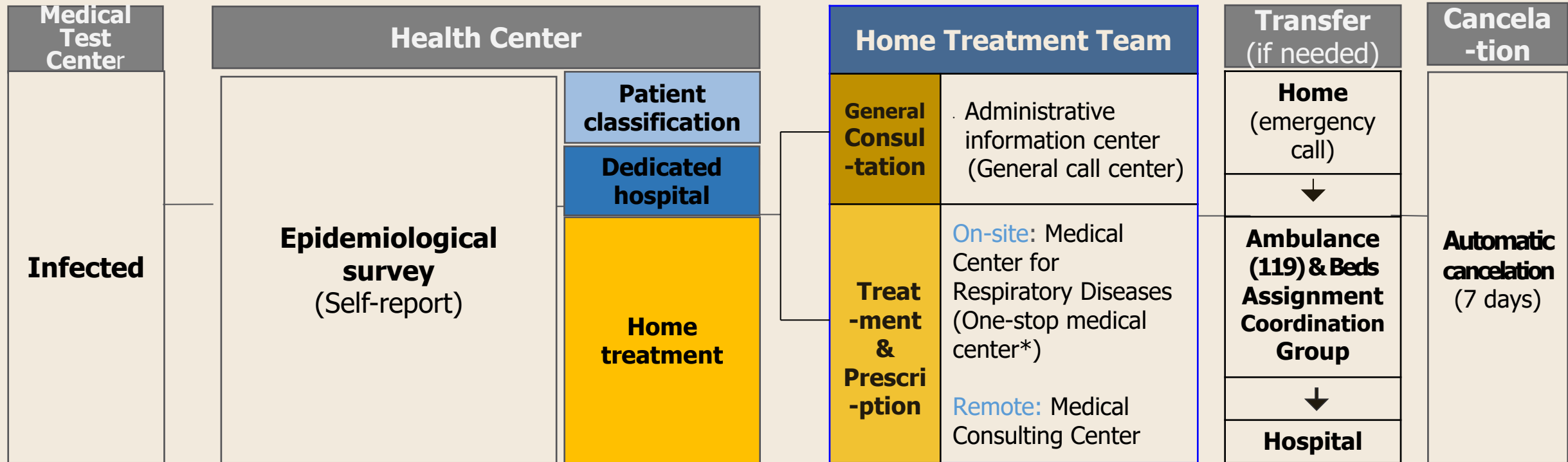


Maintaining a Rapid and Appropriate Treatment System in Response to COVID-19 (Home Treatment)

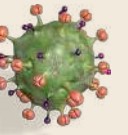


- Propagation of home treatment in districts and cities
- Rapid response to emergency situations 24 hours a day through establishing an emergency response system

[Home treatment of patients in Seoul]



Maintaining a Rapid and Appropriate Treatment System in Response to COVID-19 (Home Treatment)



□ Major achievements

- **Home treatment status: 4,989,257 people** (as of Dec. 2022)
- Medical infrastructure for on-site treatment:- Increase in the number of one-stop medical centers: 2,179 centers (Dec. 13, 2022)
- Continuous operation of medical consulting centers for home treatment in Seoul (2 centers, Dec. 26, 2022)
24/7 medical consultations, medication prescription, help in emergency situations and hospitalization if needed
- Operation of administrative information center / general call center for home treatment patients
- Health monitoring for those aged 60 years and older who live alone (operation of a district-specific monitoring team for the elderly residents living alone)
- Emergent home treatment patient transfer to reduce transfer time with simplified procedure of patient transfer



One-stop medical center

Family Safe Homes in Seoul



□ Initiative background

- Prevention of COVID-19 infection among family members through the operation of an accommodation where family members other than the guardians of COVID-19 patients can temporarily live separately
- **Family safe homes** is the first case of fee free accommodation provided for family members of home treatment patients in order to reduce anxiety over possibility of infection and help families to live safely.

□ Propagation outline

Period: Jan. 10 – May 23, 2022


Target: vaccinated family members other than the guardians who want to live separately (only those who are older than 19)

Period of stay: Up to 7 days (isolation period for home treatment patients)

Fee: free of charge

Place of stay: 2 hotels, 143 rooms (managed by Yanolja)

Booking method: Access the Seoul Metropolitan Government Reservation System and receive approval after the screening process

 <https://yeyak.seoul.go.kr/web/main.do>

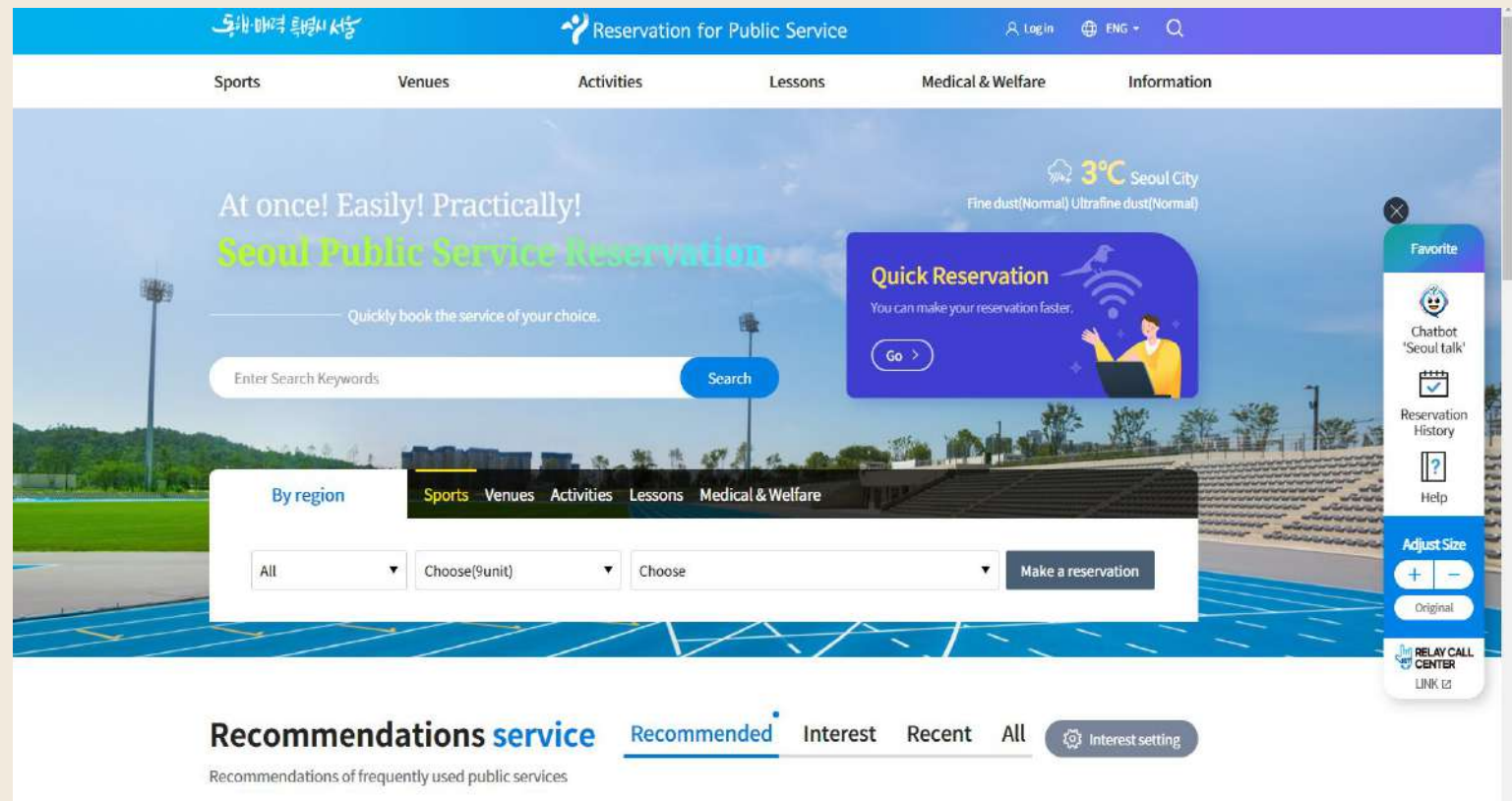


Family safe homes

Operation of safe accommodations for close-contact families (Family Safe Homes) in Seoul



- **Usage: A total of 1,523 users (947 in Gangbuk-gu district, 576 in Gangnam-gu district)**
In accordance with the gradual reduction of home treatment, such as the downgrading of the COVID-19 infectious disease rating (Grade 1 → Grade 2), early termination on May 23



Family Safe Homes Reservation System

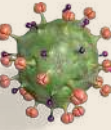
Securing and Operating Hospital Beds Exclusively for COVID-19 Patients

□ Propulsion progress

- **Initial stage:** Voluntary participation of medical institutions, assignment and management of hospital beds in private and public hospitals
➔ increase in number of hospital beds
- **Escalation stage:** Executive order to secure the number of hospital beds designated for infected patients



Securing and Operating Hospital Beds Exclusively for COVID-19 Patients



□ Propulsion progress

<Increase in hospital bed capacity>

○ Bed capacity number for COVID-19 patients as of the end of December, 2022

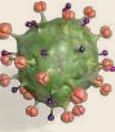
Category	Biggest increase in capacity (Mar. 25, 2022)	After reduction (May 30, 2022)	New increase in capacity (Jul. 26, 2022)	After reduction (Oct. 7, 2022)	7th wave	Current hospital beds amount (Dec. 5, 2022)
Total	6,169	590	1,001	800	87	887
Severe symptoms	705	127	264	264	△2	214
Moderate symptoms	669	195	469	469	104	420
Critical symptoms	4,795	268	268	268	△15	253

※ general isolation hospital beds in 42 facilities, 737 beds

○ Increase in special hospital beds (Dec. 5, 2022)

Total	Designated hospitals			Hospital beds in general hospitals		
	Pregnant women	Children	Special patients	Pregnant women	Children	Special patients
202	48	74	41	3	11	15

Securing and Operating Hospital Beds Exclusively for COVID-19 Patients

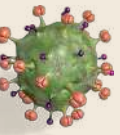


Propulsion progress

<Managing beds allocation>

- **Beds allocation:**
 - **severe cases** → designated hospital for infectious diseases
 - **mild cases** → general medical facility, separated bed from other patients
- **Efficiency improvement:** efficiency improvement by inducing transfer and discharge of long-term patients taken to a designated hospital bed

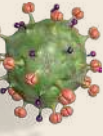
Securing and Operating Hospital Beds Exclusively for COVID-19 Patients



□ Major achievements

- ✓ **Establishing of a treatment system:** focused on severe symptoms patients and special patients, support for general isolation beds for mild cases, etc.
- ✓ **Minimizing amount of severely ill patients and deaths:** focused on protecting high-risk groups through precision quarantine for patients with underlying diseases and the elderly
- ✓ **Resolving medical blind spots:** operation of 202 special hospital beds for pregnant women, children, and special patients (as of December 5)
- ✓ **Preparation for pandemic:** secure hospital beds to preserve hospital bed capacity

Securing and Operating Hospital Beds Exclusively for COVID-19 Patients



□ Future plans

- **Strengthening Preparation for Emergency Situations in Advance:** in order to prepare for a new wave of infection during winter, a system will be set up for maintaining hospital beds and medical equipment capacity
- **Building A Medical Equipment Application System:** Strengthening the management of COVID-19 medical equipment and shared use of medical equipment among medical institutions
- **Return To The General Medical System:** When the number of infected patients goes down, the number of beds for infected patients in the general medical system will be reduced to manage only confirmed cases

Health Task Forces Operating in Elderly Nursing Homes



※ Based on 'Healthcare comes to you' initiative in nursing homes to prevent severe illness and death from COVID-19

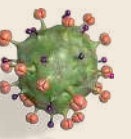
□ Program description (procedures etc.)

- **Operation area:** 1-3 medical institutions per district are designated to form a health task force(29 teams from 24 institutions from 21 districts)
- **Health Task Force:** 1 doctor and 1 nurse (can be replaced by nurse's aide)
- **Operation period:** until Jan. 31, 2023(can be extended depending on the infection rate)
- **Treatment:** in-person treatment and medicine prescription for residents infected in nursing homes, bed allocation
- **Treatment place:** nursing homes that applied for in-person treatment for infected patients within a health task force's operating area
- **Other:** possible to visit a nursing facility for vaccination against COVID-19 after consultation with a public health center

※ 602 Health Task Forces were mobilized & 2,146 patients were treated (among them 691 were hospitalized, 890 were prescribed medication)

(Revision necessary as of December 2022)

Infection Control Education for Vulnerable Facilities Such as Nursing Facilities

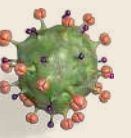


□ Background

- Due to the prolonged COVID-19 situation, infectious disease prevention training is provided to strengthen infection control capabilities for nursing care providers in various occupations, including nursing care workers and social workers at Nursing hospitals and facilities in Seoul, and for homeless persons on the street, in order to minimize infection among the elderly, a high-risk group with a high critical illness and fatality rate.



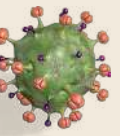
Infection Control Education for Vulnerable Facilities Such as Nursing Facilities



□ Project overview

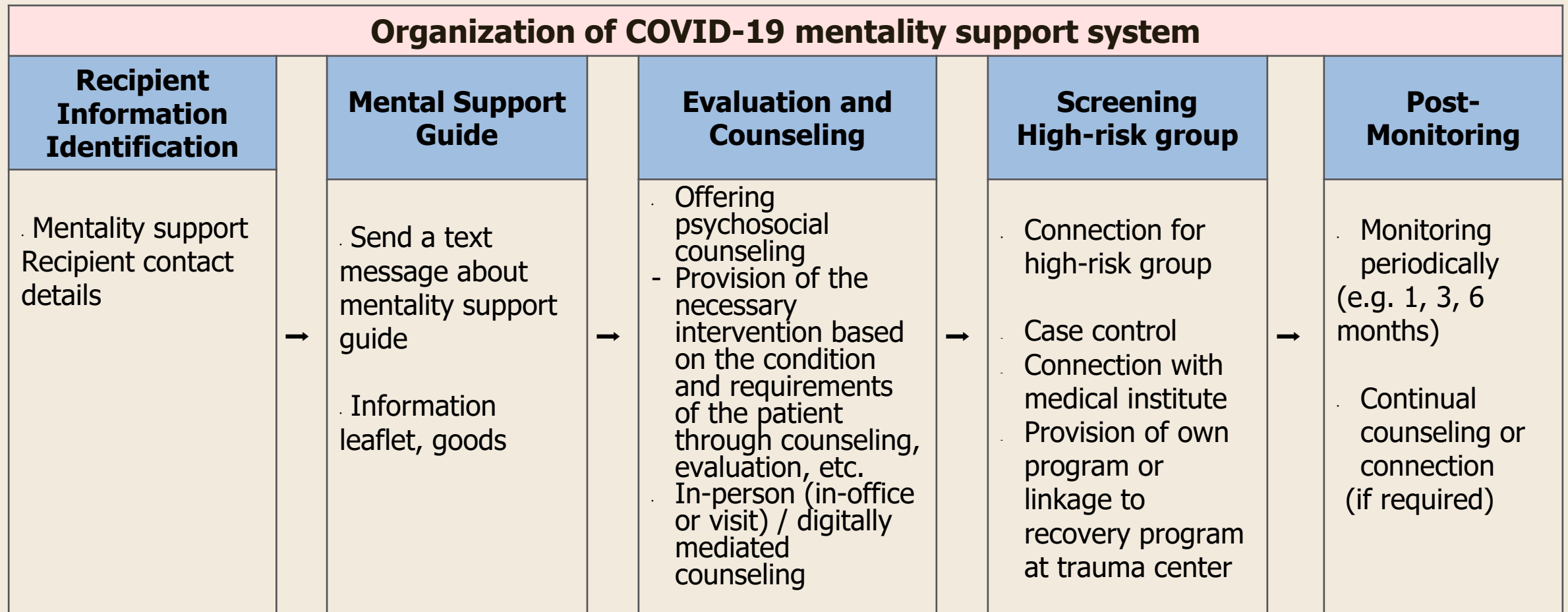
		Details	Period	Targets
Nursing hospital	Factual survey	83 locations surveyed	July – August	105 locations
	On-site visit	Investigation of 22 high-risk facilities, FGI		
	Result analysis	Analysis of factual investigation results	September – December	
Nursing facilities	Online training	Epidemiological characteristics and response to COVID-19, response in the event of a confirmed case of COVID-19 in a nursing facility, basic infection control guidelines in nursing facilities, etc.	August	422 locations 813 persons
	On-site training	Practical hand washing training, Level-D dressing/undressing training, actual measurement of ATP contamination, O/X quiz regarding infectious diseases, etc.	August – October	32 locations
Jjokbang (tiny single room) villages	On-site training	Practical hand washing training, actual measurement of ATP contamination, O/X quiz regarding infectious diseases, etc. *Targets: Residents of Jjokbang villages, counseling center visitors, caregivers, etc.	September - November	2 location

COVID 19 Mental Health Support



□ Introduction

- **Purpose:** Prevention of depression from COVID-19, Organization of mentality support system
- **Target:** Seoul citizen with depression, stress, anxiety from COVID-19
- **Method:** Association with Mental health care center (medical institution)





Public health center

Confirmed

Confirmed patients [and family]
Cured patients [and family]
Deceased patients [bereaved family]

Close contact

Quarantined patient
Quarantine completed
Cured patient [and family]

Provision of information for targets

Provision of information for targets

Ministry of Health and Welfare

National Center for Disaster and Trauma

- Operation of 24-hour hotline (02-2204-0001)
- Confirmed patient/cured patient/family (bereaved)
- Telephone consultation or in-person consultation
- Local transfer-out
- Professional counseling, etc. (if necessary)

Psychological Support Center

- Comprehensive psychological assistance in the jurisdiction
- Psychological recovery support
- Connecting with specialized institutions such as hospitals (if necessary)
- Daily psychological support performance reports, etc.

SMG

SMG COVID-19 Integrated Psychological

Seoul Mental Health Welfare

- Administration of operational support for psychological support
- Psychological support for confirmed patients in quarantine (life treatment center)
- Collection/management/reporting of daily psychological support results

Psychological Support

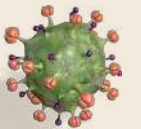
- General psychological support for quarantined patients in the district
- Telephone/in-person mental health assessment
- Local transfer-in
- Connection with intervention for high-risk groups
- Case management related to targets of linkage
- Daily psychological support performance reports, etc.

Psychological Support

- Operation of 24-hour hotline (1577-0199)
- Publicity and dissemination of information concerning psychological support for citizens affected by COVID-19
- Daily psychological support performance reports, etc.

Online platform for psychological support service

- Development and distribution of digital content such as carousels, videos, and campaigns
- Develop online psychological quarantine platform 「Modooda」



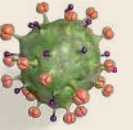
Psychological support for Seoul Life Treatment Center residents confirmed to have mild COVID



Introduction

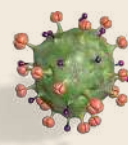
- Depending on the results of smartphone-based self-assessment, mental health professionals provide psychological counseling, information, and psychological support commodities.
- Linkage with treatment at Boramae Medical Center when provision of professional psychological services is required, and linkage with Basic Psychological Health and Welfare Center when a high-risk individual is discharged

Psychological support for Seoul Life Treatment Center residents confirmed to have mild COVID



<Seoul life care center service procedure and contents>

Information about mental health	Admission	Mental health self-check	Early stage Counseling	Continuous Counseling	Discharge
<ul style="list-style-type: none"> • Provision of psychological support commodities • Sending admission-related texts • Guidance on self-examination • Provision of mental health-related information 	<ul style="list-style-type: none"> • Psychological support information • Confirmation of consent • Encouraging self-examination 	<ul style="list-style-type: none"> • Depression (PHQ2) • Generalized Anxiety Disorder (GAD) • Post Traumatic Stress Disorder (PD-PTSD) <ul style="list-style-type: none"> • Suicidal Thoughts (P4) 	<ul style="list-style-type: none"> • Self-examination results Normal group, caution group high-risk group screening • Results-related guidance • Phone-based assessment of non-respondents and assessment of psychological high-risk factors 	<ul style="list-style-type: none"> • Continuous monitoring • Provision of psychological support based on the resident's main complaints and service requirements • If necessary, linkage with psychological treatment and medical support group 	<ul style="list-style-type: none"> • Sending discharge-related texts • Guidance on local community resources • Linkage with local center when necessary



Online/Offline program operation for stress relief of COVID-19 response team

- **Target:** COVID-19 response team, life care center, infectious disease medical center
- **Contents:** Provision of tea/refreshments, massage, nail art, professional consulting, etc., as well as delivery of uplifting and supportive messages and psychological support; operation of uplifting parties and healing concerts via YouTube and Zoom during Chuseok holiday

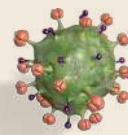
Running Mental Support Bus

- **Target:** COVID-19 response team, welfare center in vulnerable area
- **Contents:** Evaluation of mental health with psychological counseling, stress control

Current Status (Feb. 1, 2020 – Nov. 30, 2022)

◦ Seoul COVID-19 Integrated Psychological Support Group Psychological Support Performance

	COVID19 confirmed patients & family		Patients discharged		Public		Treatment Connection
	Counseling	Information	Counseling	Message	Counseling	Information	
Result (cases)	116,656	1,005,086	10,414	177,683	60,487	127,627	18,235

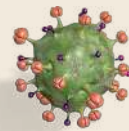


□ Online platforms to provide psychological support

	COVID-19 Psychological Support Group website			Modooda	Nuguna Chatbot	Mental Health Fair		Healing Week
	Content	No. of visitors	YouTube views	No. of visitors	No. of visitors	Live streaming	Open chat counseling	Views
Performance (cases)	187	401,383	39,821	82,642	8,026	6 times 1,274 persons	8 times 58 persons	2,785

□ Achievements

- Formation of the Seoul Integrated Psychological Support Group in response to large-scale social disasters
- Operation of online and offline psychological support by stage in the life cycle, including confirmed COVID-19 patients, as well as on-site psychological support for vulnerable persons in blind spots
- Production and dissemination of guidelines for psychological support at living treatment centers for confirmed mild COVID patients as a means of preemptive psychological support by district life treatment centers
- Development of digitally mediated case management content for case managers to help alleviate anxiety and promote community recovery when managing cases of patients with severe mental illness



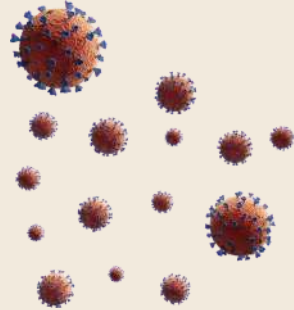
□ Visiting psychological assistance service

- It provides on-site close-up services that visit places where mental counseling is needed by bus and provide counseling in personally





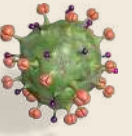
04



Compensation of Adverse Events after COVID-19 Vaccination

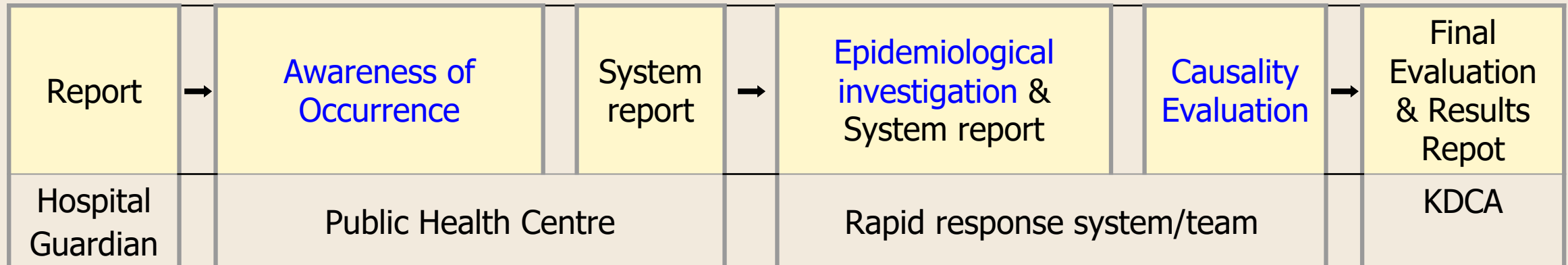


Compensation of Adverse Events after COVID-19 Vaccination



- **Purpose:** To encourage vaccination rates, to minimize criticality or death from COVID-19 infection
- **Method:** Compensation will be divided into two categories depending on whether the amount paid after visiting a medical institution for treatment of adverse reactions after COVID-19 vaccination is less than 300,000 won or more.
- If the compensation is rejected, two objections may be reported
- The most frequently reported symptoms are general symptoms such as fever, muscle pain, and headache, etc.
- Among the recent reports of severe adverse reactions, myocarditis/pericarditis are the most common.

Promotion of safe vaccination via rapid epidemiological investigation and causality evaluation in case of (severe) adverse reactions following COVID-19 vaccination

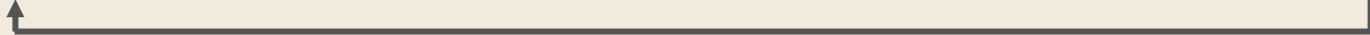


Compensation of Adverse Events after COVID-19 Vaccination



Compensation for damages resulting from adverse reaction (at least KRW 300,000)

Compensation applicants	Compensation application	Public health center	Compensation application	Si/Do	Compensation application	Korea Disease Control and Prevention Agency	Request for deliberation	Damage Compensation Expert Committee
	→		→		→		→	
	→	Receipt of application for compensation	→	Basic damage investigation, review of causality	→	In-depth damage investigation, assessment of causality	→	Judgment of causality for compensation
	Notification of results		Notification of results		Notification of results		Report results	



Payment of compensation

- Compensation for damages of KRW 300,000 or more is supervised by the KCDC.
- On average, reports of damage compensation are most often reported after 6~7 months from the date of vaccination
- The most frequently reported age groups are those in their 60s and 20s, and women report 1.5 times more than men
- The most frequently reported symptoms are headache, chest pain, and dizziness, etc.
- Recently, reports of abnormal uterine bleeding, Guillain-Barre syndrome, facial paralysis, etc. have been increasing, and these adverse reactions do not recognize causality, but medical expenses can be supported if the criteria are met.

Compensation of Adverse Events after COVID-19 Vaccination



Compensation process in response to applications for less than KRW 300,000 due to adverse reaction to COVID vaccination

Compensation applicants	Compensation application	Public health center	Compensation application	Si/Do	Report results	Korea Disease Control and Prevention Agency
	➔		➔		➔	
	➔	Receipt of application for compensation	➔	Basic damage investigation, review of causality	➔	In-depth damage investigation, assessment of causality
	Notification of results		Notification of results		Request for results	

- In the case of less than KRW 300,000, the Seoul Metropolitan Government will supervise the COVID-19 vaccine compensation from 2022
 - In the case of treatment costs less than KRW 300,000 won, the rate of compensation by reviewing the causal relationship is about 33%.
 - The most frequently reported age groups are those in their 60s and 20s, and women report more than twice as much as men.
 - On average, reports of damage compensation are most often reported after 5 months from the date of vaccination



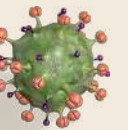
Compensation of Adverse Events after COVID-19 Vaccination

The Seoul Metropolitan Government organizes a committee to determine the causality between vaccines and adverse reactions for compensation of less than KRW 300,000 from 2022

- **Establishment of Seoul's Expert Review Committee** (Feb. – Dec. 2022)
 - **Composition:** 6 experts (Director of Infectious Disease Research Center, professors of the Department of Preventive Medicine and Pulmonary Medicine, Director of Internal Medicine, medical lawyers, etc.)
 - **Operation Status:** Held once or twice a month, with an emphasis on cases where causality is difficult to determine.
 - **Background of promotion:** Upon deliberation and resolution by the SMG's expert deliberation committee, a prompt compensation decision is made if causality can be established

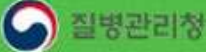
The Seoul Metropolitan Government is operating a counseling center to inform for vaccination-related adverse reaction

- **Implementation** (Apr. – Dec. 2022)
 - Seoul citizens can ask what to do when an adverse reaction occurs after vaccination, and if they inquire about the progress of their epidemiological investigation after reporting the adverse reaction, the counseling center is responding kindly.
 - **Operating hours:** Mon–Fri, 9 AM – 6 PM,
 - **Counseling staff:** Doctor, Nurses, social worker, etc.



05

Publication of COVID-19 Antibody Prevalence Survey Results (Sep. 2022)

2022. 9. 23. 

https://www.kdca.go.kr/

Release of the results of the
COVID-19 antibody positive rate survey
conducted on 10,000 individuals
in 17 cities and provinces across the country

Overview of
Survey Results

- Targets** Primary investigation participants: 9,901 persons
- Period** Aug. 5 (Fri) – Sep. 6 (Tue), 2022
- Test Method** Antibody tests utilizing COVID-19 S* and N* antigens
 - *S (spike) antigen: Detection of natural infection and vaccine-induced antibodies (infection + vaccination).
 - **N (nucleoprotein) antigen: Detection of antibodies after infection (natural infection)
- Results** Positive antibody rate by natural infection: 57.65%
Antibody-positive (natural infection + vaccination): 97.38%

*(Reason for implementation) Article 17 of the Infectious Disease Control and Prevention Act (Investigations into Actual Conditions);
COVID-19 Emergency Response 100-Day Roadmap Tasks (1-1) (Apr. 27, 2022)

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