

# CECC response measures for addressing COVID-19 outbreak in Taiwan

Dr. Shih-Chung Chen  
Minister of Health and Welfare  
Republic of China (Taiwan)  
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# Epidemic situation in Taiwan

**Number of persons tested:15,413**

**Confirmed cases: 49**

- **Age** : 56% are over 50 years old
- **Medical history** : 50% have diabetes, hypertension
- **Released from isolation** : 20 cases

Local

Cumulative  
total:26  
(1 death)

imported

Cumulative  
total:23

**Trend: with the COVID-19 spread worldwide, risk of imported infections continues to rise, and there is still a risk of community spread in Taiwan.**

# Border Control

## Coronavirus Disease 2019 (COVID-19) Travel Health Notices

<b>Level 1: Watch</b>	<b>Practice usual precautionary measures.</b>	<b>Czech Republic, Estonia, Finland, Greece, Hungary, Ireland, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Poland, Portugal, Slovakia, Slovenia, Thailand, United Kingdom</b>
<b>Level 2: Alert</b>	<b>Practice enhanced precautionary measures.</b>	<b>Austria, Bahrain, Belgium, Denmark, France, Germany, Iceland, Japan, Kuwait, Netherlands, Norway, Singapore, Spain, Sweden, Switzerland</b>
<b>Level 3: Warning</b>	<b>Avoid all nonessential travel.</b>	<b>China (including Hong Kong and Macao), Iran, Italy, South Korea</b>

# Border Control

## Principles for determining travel notice levels

Based on the following aspects in each country

- **Epidemic indicators**
- **Monitoring system**
- **Epidemic information Transparency**
- **Status of community transmission**
- **Closeness of social exchanges between Taiwan and the country**
- **Prevention measures implemented by the country**



## Persons with travels history to “Travel Notice Level 3” countries —Home Quarantine

Persons with travel history to China, Hong Kong, Macao, South Korea, Iran or Italy

### Home Quarantine

Local civil affairs bureau or borough chief  
Active monitoring once or twice a day

- Health authority issues “**Health Declaration Card and Home Quarantine Notification**”
- The individual is to stay at home or a specified location and not leave specified location and may not use public transportations
- Individuals not adhering to the above measures will be penalized under the relevant regulations and be forcibly placed

# Persons who had contact with confirmed cases— **Home Isolation**

Persons who had contact with confirmed cases

Home Isolation

Local health authorities  
Active monitoring twice a day

- Health authority **issues a “Home isolation Notification”**
- The individual is to stay at home (or designated location) and not go out, and may not leave the country or use public transportation
- Individuals not adhering to the above measures will be penalized under the relevant regulations and be forcibly placed

# Monitoring



Home Isolation/  
Home Quarantine

Their Cell phone  
GPS location

Leave home or Lost  
contact

Telecom operators  
Send message

**Police officer**  
Location checking

**Public**  
Required to return home and  
turn on their mobile phone



# Care and support system



Local government hotline



Meal delivery



Garbage collection



Settlement



Family visiting



Symptoms-designated ambulance



Non-suspected symptoms-Medical care arrangement

# Group quarantine

Number of facility: 13 facilities

Capacity : facilities accommodate about 1500 people

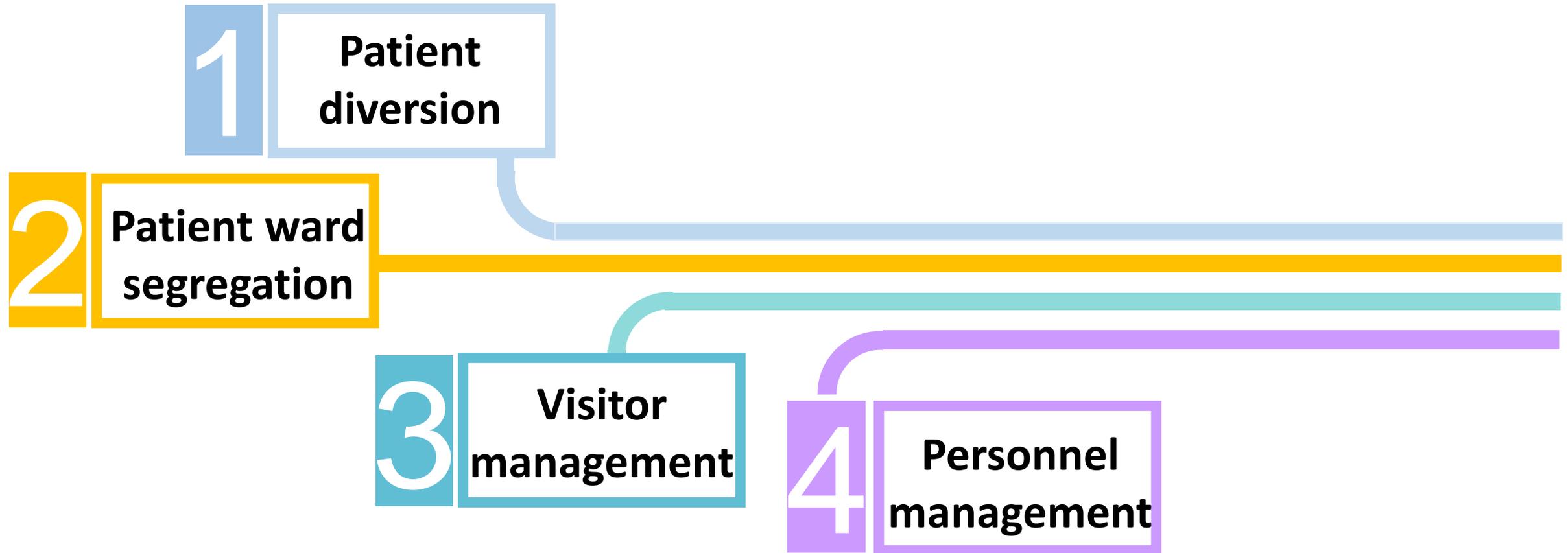
Persons subject to group quarantine :

- Evacuees from Wuhan and those from Diamond Princess
- Persons not adhering to home quarantine measures
- Persons subject to home quarantine without a residence

# Expanding cases monitoring

- A. Broadening criteria for case reporting
- B. Enhancing community-based monitoring program
- C. Expanding tracing for community-based monitoring
  - a. Traces and tests patients using NHI data
    - Reinforces case reporting for pneumonia cases with travel history
    - Test results : **0 positive**
  - b. Traces and tests reported severe complicated influenza cases which tested negative
    - Test results : **1 positive**

# Nosocomial infection management



# Medical response actions-testing & triage

**134** healthcare facilities for response and isolation for **mild cases**

Availability of negative pressure isolation beds:58%  
578 available beds/1000 beds in total

**167** healthcare facilities for testing

**50** regional, medical centers for **severe cases**

Availability of negative pressure isolation beds:51%  
273 available beds/537 beds in total



# Risk assessment of large-scale public gatherings

## Indicators for risk assessment

Assessing necessity of holding events



Higher risk events postponed or cancelled



Producing a prevention and response plan

Ability to gain information on participants beforehand



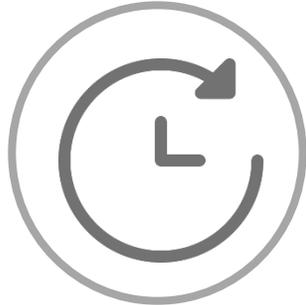
Air ventilation and replacement

Whether participants are in a fixed position



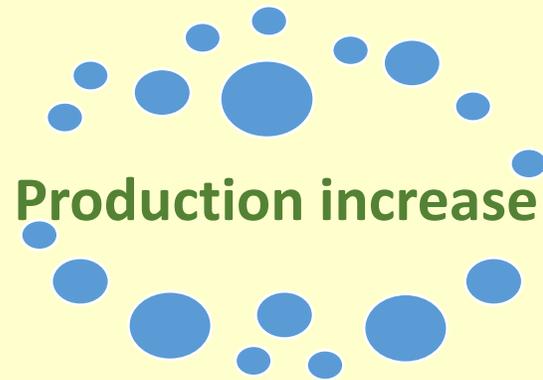
Distance between participants

Event duration



Hand hygiene and surgical masks

# Mask policy



- Requisitions domestic masks
- Assists manufacturers in acquiring equipment to boost capacity



## Control and management

- **Online ordering mechanism for name-based rationing system**
- control of mask export
- Restriction on carrying masks abroad
- **Medical care, disease prevention, patient care are our priorities**

# Some things can wait

Seek medical care when ill

Rest at home as instructed

Avoid traveling before recovering



# International Collaborations

- **WHO**

- Taiwan CDC reported Taiwan's confirmed cases of COVID-19 to WHO IHR Focal Point.
- Taiwan CDC joined the teleconference with WHO/EURO regional office, ECDC and relevant EU countries to discuss and exchange contact tracing information on Taiwan's 4<sup>th</sup> confirmed case who had visited several EU countries in January.
- Two experts were invited by WHO to attend the Global Research and Innovation Forum online from February 12 to 13, 2020.
- Taiwan CDC began to be invited to several WHO clinical and infectious control teleconferences from January 31, 2020.

- **Bilateral and Multilateral Collaborations**

- Information sharing and exchange on epidemic situation, contact tracing, travel history, border control measures with Japan, South Korea, Singapore, Malaysia, USA, UK, ECDC and EU countries including Italy, France, Netherlands, Swaziland, Germany and Belgium through the IHR NFP mechanism.
- Taiwan CDC shared experiences on response to COVID-19 with the APEC member Economies.

# Thanks for your attention

