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“SMARTER HEALTHY CITIES BEYOND COVID-19”

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The Strategic Analysis of Establishing OLOCC (On-Line Operations Coordination Center) in Tainan City throughout COVID-19

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OUTLINE

1-Background

2-Objectives

3-Program Content

4-Results and discussion

5-Conclusion



1-Background

Beimen District
Syuejia District
Jiangjyun District
Cigu District
Jiali District
Sigang District
Annan District
Madou District
Xiaying District
West Central District
North District
East District

Yanshuei District
Sinying District
Anding District
South District
Rende District

Houbi District
Yong kang District
Gueiren District

Nansi District
Baihe District
Yujing District
Dongshan District
Guantian District
Shanhua District
Sinshih District
Liouying District
Lioujia District
Longci District
Zuojhen District
Guanmiao District



37 administrative areas
37 health stations
Population: 1.868 M
36 hospitals
2 medical centers
7 regional hospitals
27 district hospitals



1-Background

COVID-19 PREVENTION & CONTROL

A glance into what we do

COVID-19 Dashboard (Global)	COVID-19 Dashboard (Taiwan)	COVID-19 Prevention & Control	COVID-19 Prevention & Control	COVID-19 Prevention & Control
Number of confirmed cases (global) (242,482,514 cases)	Number of confirmed cases (Taiwan) (16,357 cases) (Tainan 50 cases)	<ul style="list-style-type: none"> Tainan City Government COVID-19 disease response & preparedness organization chart ICS 	Personal Hygiene & etiquette <ul style="list-style-type: none"> Hand sanitation Social distancing Surgical masks Name-based plan 	Pandemic Continent Medical Resource <ul style="list-style-type: none"> Hospitals Telemedicine treatment Quarantine hotels & designated vehicles 1922/2880180



1-Background

Concept :
OSOCC-
On-**S**ite
Operations
Coordination
Center



2010 Haiti



2015 Nepal



2-Objectives

- **Immediate-**
Reduce risks and promote city safety
- **Bidirectional-**
Vertical and horizontal communication(Partnerships)
- **Active-**
Caring and empathy



3-Program Content

OLOCC

On-line Operations Coordination Center

ORIGIN

UN Virtual On-Site
Operations Coordination
Center, Virtual OSOCC



FIRST IN THE COUNTRY

Tainan City was the first
city ever to apply this
system (Jan. 25, 2021).

APPLICATION

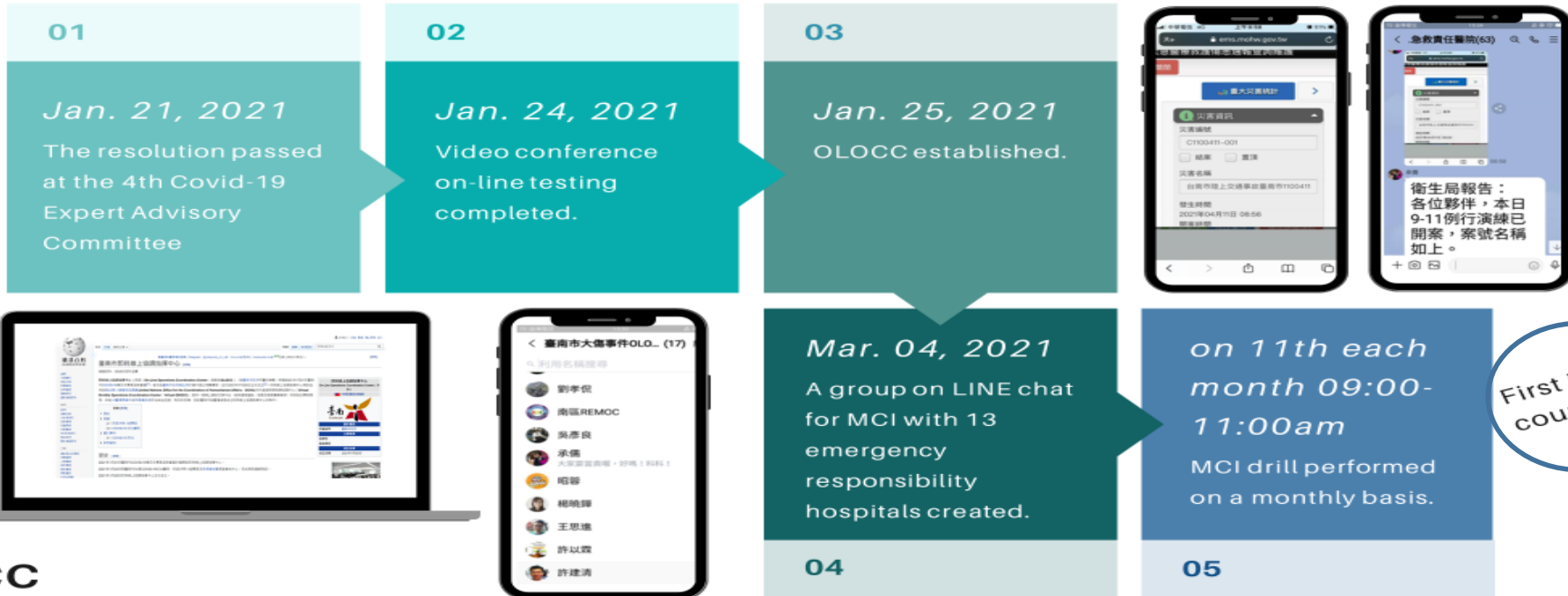
Emergencies/MCI



COVID-19 PREVENTION & CONTROL

Medical resource
inventory/scheduling/
Expert Advisory Committee

3-Program Content



First in the country

OLOCC

On-line Operations Coordination Center



3-Program Content

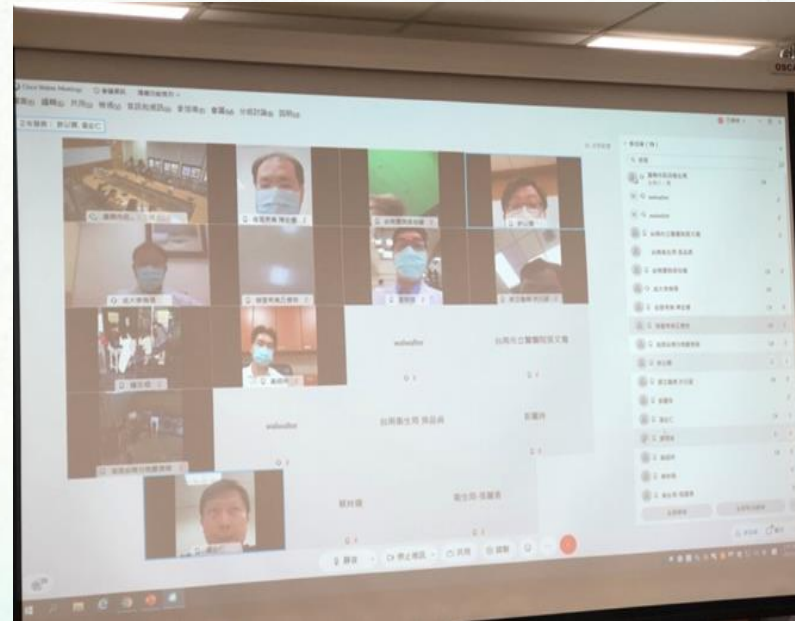


Experts meeting

- Scholars, experts, CDC officials and hospital infection prevention personnel were invited.
- Communicated via LINE and video conferences.
- The mayor presides over all meetings.



3-Program Content



- Conducted via Cisco Webex.
- Experts with different specialties were invited depending on the subject of the conference.

1/27-2/28
**臺南市36家醫院、
護理機構停止探病!**
臺南市政府與您同心防疫

- 加護病房及安寧病房由醫師個案專業評估。
- 病患避免請假外出。
- 陪病以一人為限,需造冊管理並限制移動交談。
- 無就醫需求民眾及非醫療管理人員,避免進出醫療院所。
- 戴口罩、勤洗手、量體溫。

#防疫措施升級 #守護醫護人員 #守護健康台灣

3-Program Content

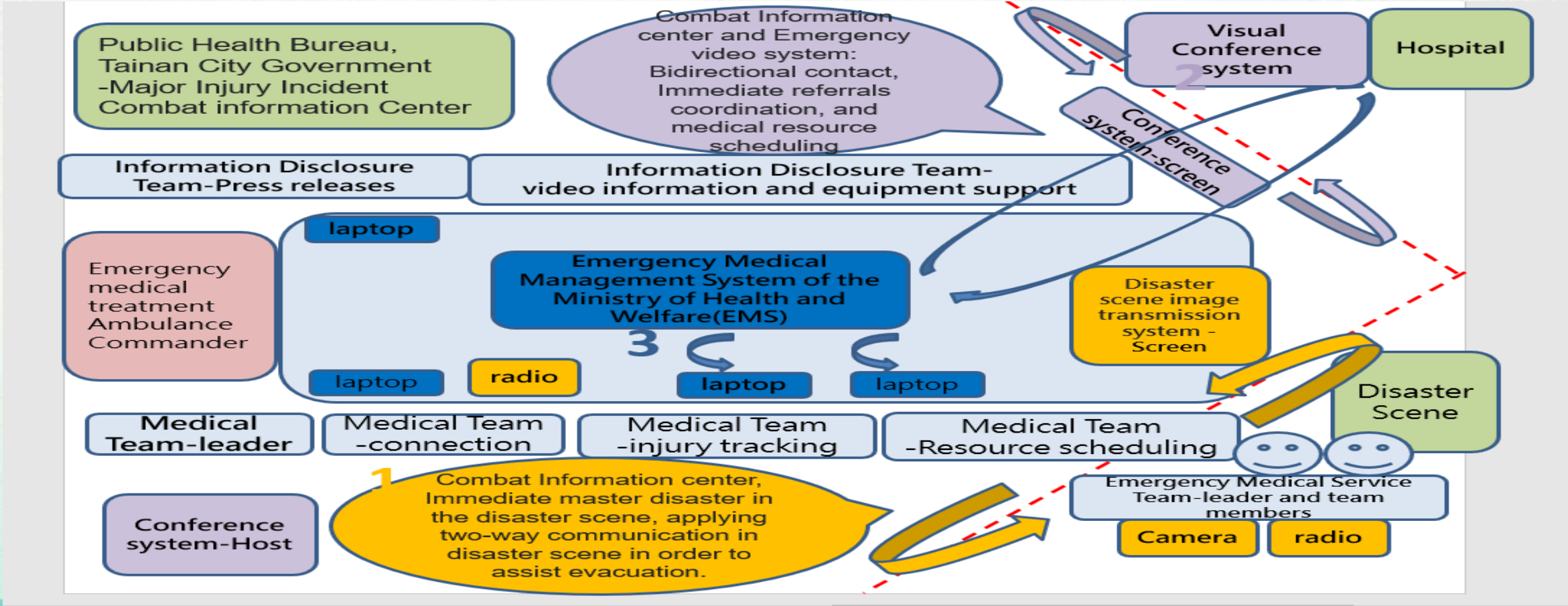
Design Concept of Major Injury Incident Combat Information Center Promotion Project

- Designed base on Regulation of Emergency Medical Services for Multiple casualty incident in Tainan City, Regional Disaster Prevention and Rescue Plan in Tainan City, the ICS preparation of Public Health Bureau of Tainan City Government, and Regional Disaster Prevention and Rescue Plan in Tainan City.
- **Strategies :**
 - Emergency operation center (connected with ER)
 - Disaster fields: real-time image processing





3-Program Content

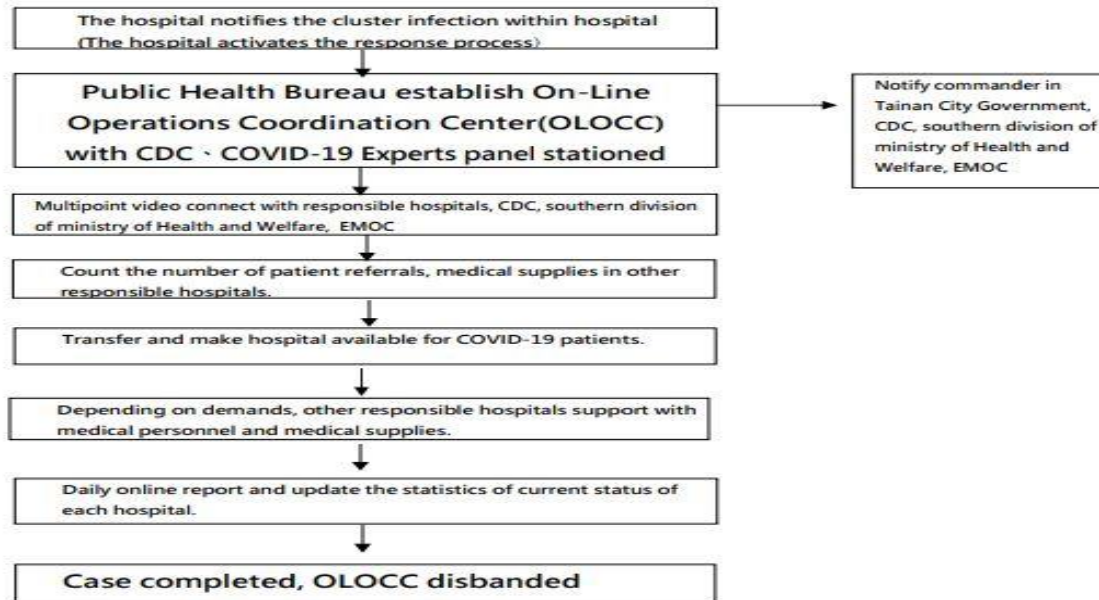


The conceptual diagram

3-Program Content

110_01.21 legislated (First vision)

COVID-19 Response coordination command system



- COVID-19 pandemic has changed the way we communicate and respond to disasters to a web-based pattern.

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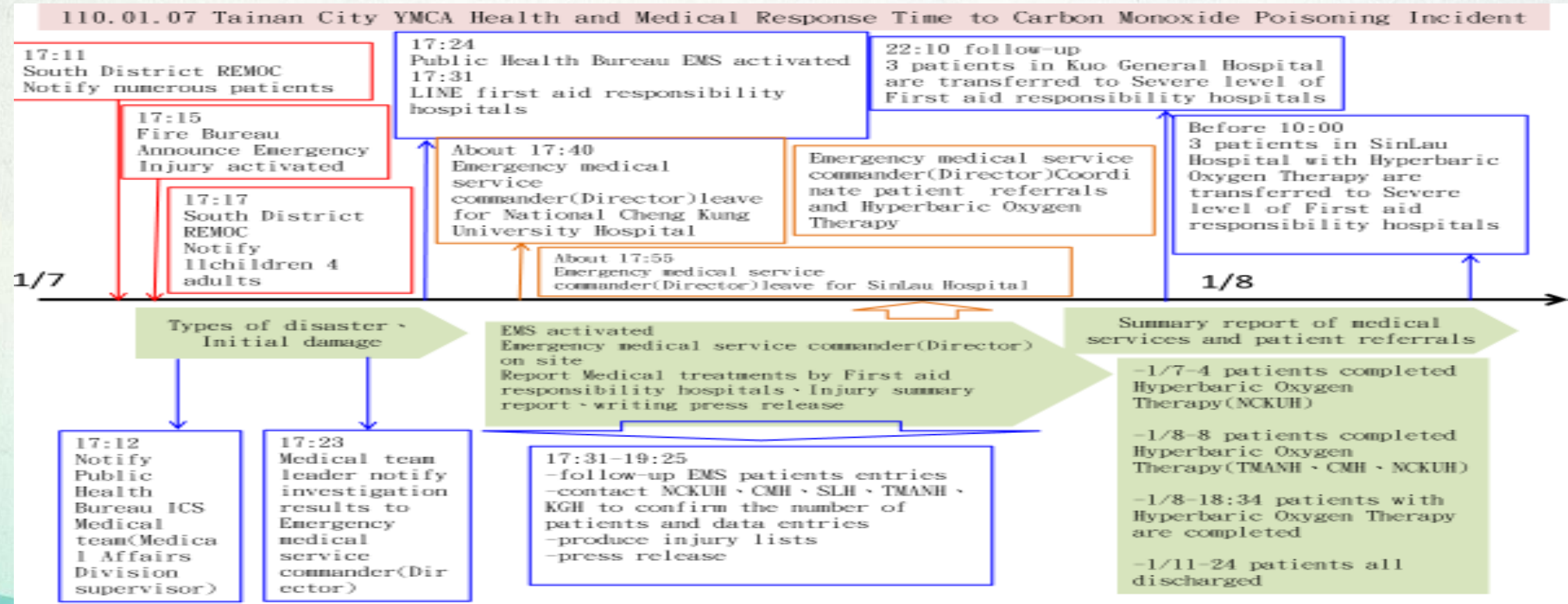
Carbon monoxide poisoning accident ,
YMCA swimming pool, Tainan 2021/1/7

What we could possibly achieve via OLOCC:

- Confirm the number and location of patients.
- Coordinate the treatment plan of each hospital and transfer patients.
- Report to the city government officials immediately.



3-Program Content



4-Results and discussion

- By Sep. 29, 2021, 10 meetings have been held.
- 4 major issues were discussed
- 50 COVID-19 confirmed cases; 0 death.
- Lowest number of confirmed COVID-19 cases among the 6 capitals.



5-Conclusion

- Developed from OSOCC (On-Site Operations Coordination Center) in the United Nations disaster relief system.
- The first system in Tainan City (2021/1/25) for immediate coordination and command of emergencies and large-scale disasters.
- First applied to COVID-19 epidemic prevention response.
 - Hospital resource inventory, coordination and scheduling.
 - Expert decision-making meeting.





Thank you for your attention.

Q&A

