Sharing session of Pilot Attachment Programme in Guangdong province

Sharing from Infectious Diseases physician perspective

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Key messages

- History of development of clinical infectious diseases in China
- Emergency response preparedness
- Hospital role in public education
- Personal reflections

A long history of research and clinical development in infectious diseases in Guangdong



Guangdong Provincial Centre for Disease Control and Prevention

A long history of research and clinical development in infectious diseases in Guangdong



The Third Affiliated Hospital of Sun Yat Sen University, Guangzhou

Viral hepatitis and liver diseases



Tuberculosis



HIV care



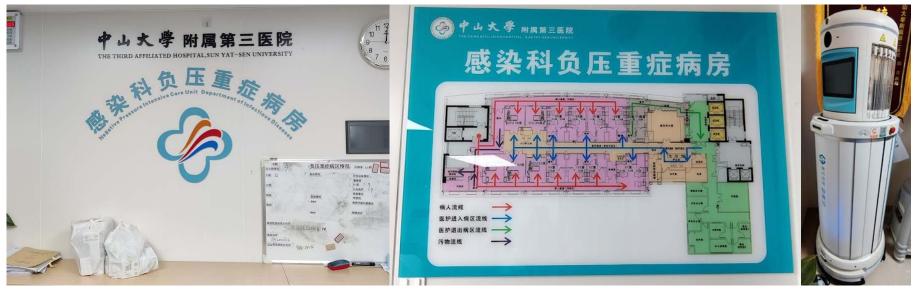
The Third People's Hospital of Shenzhen, Shenzhen

HIV prevention services



The Third Affiliated Hospital of Sun Yat Sen University, Guangzhou

Respiratory viral infections and COVID



The Third Affiliated Hospital of Sun Yat Sen University, Guangzhou

Three major ID pillars in Guangzhou

Clonorchis Rickettsial infection Chickenpox

Other infectious diseases



Support for hospital service development in other cities and provinces

- Guangdong No.2 Provincial People's Hospital
- Established hospitals in other cities since 2015
 - 陽山
 - 雲浮
 - 東莞
 - 饒平
 - 惠來



The Third Affiliated Hospital of Sun Yat Sen University, Guangzhou

Emergency response: provincial level



Guangdong Provincial Emergency Hospital

国家重大疫情救治基地

Emergency Response Preparedness efforts

Contribution during SARS in 2003

Established one of the first six national Emergency Medical Teams in 2010

Established as first provincial level emergency hospital in 2012

Provincial emergency hospital

Facilities

- CT, including mobile CT
- PET-CT
- MRI

Clinical specialty development

- Trauma
- cardiothoracic
- rehabilitation
- obstetrics and neonatology
- emergency medicine
- infectious diseases

Three pillars

- Clinical service
- Training, including accredited training centre for infection control
- Research

Emergency response: national level

- In response to emergency situations
 - Natural disasters
 - Major accidents
 - Public health emergencies
 - Social disorder
- Establishment of Emergency Medical Teams
 - Accreditation
 - Selection of members
 - Training
 - Drills



Emergency response: national level

Mobile hospital



廣東省第二人民醫院 民航院區

Emergency response preparedness – infectious disease outbreaks



Guangdong Provincial Centre for Disease Control and Prevention

Drills as an important part of preparedness plan



Role of Emergency hospital and EMT during COVID pandemic

- Guangzhou hospital complex
 - Major parts of hospital converted to COVID wards since 2020
 - Suspected and confirmed COVID cases at different periods of time
 - Intensive care and HDUs for patients with severe disease
 - Different patient populations, e.g. pregnant patients and children
- EMT dispatched to other provinces, including Wuhan, Hainan and Hong Kong
- Mobile facilities
 - Including P2 laboratory and mobile CT
- Sharing of expertise
 - Surveillance / buddy system to enhance infection control measures

Role of hospital in public education 科普教育



Guangdong Hospital of Traditional Chinese Medicine University City Hospital

Role of hospital in public education 科普教育



Lectures
Social media platform

Example:

糖胖逆轉學院



Personal reflections

- Emphasis on clinical research in $\equiv \mp$ hospitals
 - Translation and clinical research
 - Research personnel training
 - Laboratory facilities
- Incorporation of Chinese medicine into conventional Western medicine
 - Clinical practice and clinical research
- Role of hospitals in public education on medical science
 - Use of social media platforms