# **Activation of Serious Response Level (S2)**

In response to the cluster of pneumonia cases with unknown etiology occurring in Wuhan (武漢市), HA has activated the Serious Response Level (S2) on 4 January 2020, to dovetail with the Government's raising in response level of the Preparedness and Response Plan for Novel Infectious Disease of Public Health Significance.

# **Situation Update**

From December 2019 to 5 January 2020, 59 pneumonia cases with unknown cause have been detected in Wuhan. Some of them were business operators at a local seafood wholesale market called Huanan Seafood market "華南海鮮城 (華南海鮮批發市場)". No fatal cases have been recorded. All patients have been isolated and receiving treatment. Contact tracing has so far identified 163 close contacts and they have been put under medical surveillance.

As announced by the National Health Commission (NHC) on 9 January, the Mainland expert group has preliminarily determined a novel coronavirus as a possible pathogen causing this cluster. Molecular testing was reviewed that 15 cases were positive for the novel coronavirus. The NHC reported that no evidence of definite human-to-human has been identified and no healthcare workers have been infected.

#### **Reporting Criteria**

An individual fulfilling the following should be reported to Centre for Health Protection (CHP) for further investigation:

- Presented with fever and acute respiratory illness, or with pneumonia; AND
- With travel history to Wuhan within 14 days before onset of symptom (irrespective of any exposure to wet market or seafood market)





### **Bundle Approach in Managing Suspected Case**

- 1. **Early Notification:** With effect from 8 January 2020, "Severe Respiratory Disease associated with a Novel Infectious Agent" is a statutorily notifiable infectious disease under the Prevention and Control of Disease Ordinance (Cap. 599). Attending physician should notify CHP and HAHO through eNID or NDORS.
- 2. **Early Isolation:** AED triage as a gatekeeper for suspected case. Place patient in Airborne Infection Isolation (AII) room and adopt standard, airborne, droplet and contact precautions. All confirmed cases with novel pathogens will be referred to HA IDC for case management. HA has established 1,400 AII beds under negative pressure room, among which about 500 beds are currently in AII mode with bed occupancy rate around 60%. If situation warrants, the other 900 beds can be converted from general beds into AII beds within 72 hours by phases upon the advice of the Central Command Committee (CCC). Besides, HA has a 90-day contingency stockpile of personal protective equipment (PPE).
- 3. **Early Diagnosis:** HA and PHLC provide 7-day-a-week to ensure the turnaround time (TAT) of laboratory reports to be within 24 hours. HKU microbiology laboratory would also provide diagnostic services for suspected cases when needed.







## Stay Vigilance Against Severe Respiratory Disease associated with a Novel Infectious Agent

## **Enhanced Measures under S2**

HA has put into effect a series of enhanced measures as follows.

- 1. **Surgical mask:** Universal masking at all clinical areas, including waiting halls of AEDs, OPDs and pharmacy offices. Patients at medical wards are encouraged to put on surgical masks as far as possible. Hospitals will provide surgical masks to patients and visitors if necessary.
- 2. **Aerosol-generating procedures (AGP)**: Should be performed with N95 respirator for risk mitigation.
- 3. **Fit testing for N95 respirator**: Hospital Infection Control Teams have revisited and offered the fit test to all healthcare workers, in particular for those who work in high risk area.
- 4. **Pregnant staff**: Should not be deployed into the high risk areas.
- 5. **Visiting hours:** Not more than 2 visitors per visit.
  - For Acute hospitals, not more than 2 hours per day.
  - For Convalescent hospitals, not more than 4 hours per day
- 6. **Volunteer services**: Should be suspended unless directives given by Cluster Chief Executive (CCE) and Hospital Infection Control Team based on risk assessment.
- 7. **Clinical attachment:** Should be avoided in high risk areas. For other patient areas, directives on suspension will be given by CCC.
- 8. **Enhanced ventilation:** Hospitals have completed widest opening of the air handling equipment in the waiting areas of AEDs and GOPCs to achieve higher fresh air rate with improved air dilution; and have completed wheeling in mobile HEPA units to augment the total air change rates in A&E waiting areas where necessary.
- 9. **Blood donation arrangement**: The HA Blood Transfusion Service (BTS) Expert Panel on Blood and Blood Products Safety has reviewed the blood donation arrangement. Members of public who have visited Wuhan should defer blood donation for 14 days from the date of departure.
- 10. **Risk communication**: Staff forums are being organized to update the situation and enhanced measures. In addition, HA issues press release on Wuhan-related cases daily.

For more information regarding the Severe Respiratory Disease associated with a Novel Infectious Agent, please consult hospital ICT or visit the HA designated webpage at

http://qsdportal/iec/Website/ IEC%20Webpage/Enhanced %20Surveillance%20related %20to%20WuHan.html





### Arrival of the 2019/20 Winter Influenza Season in Hong Kong

On 9 January 2020, the CHP announced that Hong Kong has entered the 2019/20 winter influenza season as the local seasonal influenza activity has exceeded the baseline thresholds. The percentage tested positive for influenza A and B viruses has rose to 10.09% last week, which was higher than the baseline threshold of 9.21%. The circulating influenza viruses in the past 2 weeks were predominately influenza A (H1) (66.3%) and A (H3) (30.4%), with very few influenza B positive detections. Besides, the overall admission rate with principal diagnosis of influenza in public hospitals has been increasing to 0.40 per 10,000 population last week, which was above the baseline threshold of 0.25.

To protect yourself and your loved ones, please get seasonal influenza vaccination (SIV) as soon as possible!!

Source: CHP. Letters to Doctors (9 Jan 2020) Arrival of the 2019/20 winter influenza season in Hong Kong. <a href="https://www.chp.gov.hk/files/pdf/letters\_to\_doctors\_20200109.pdf">https://www.chp.gov.hk/files/pdf/letters\_to\_doctors\_20200109.pdf</a>

