3rd CAPSCA Global Coordination Meeting & 4th CAPSCA – Americas Meeting
Santiago, Chile; 8 to 12 October 2012

Case Study -- Singapore
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Guiding Principles

Dealing with an emergency (including a public health emergency) requires coordinated national preparations, a flexible plan to guide decisive response and continued collaboration among entities within and beyond Singapore.
A ‘Whole of Singapore’ approach:

A public health emergency is not just a medical crisis affecting only the national health system. It is a national crisis: wide-ranging public health, economic and social impact.

Integrated national response where public agencies, private organisations and the community work in a coordinated way to deal with both health and non-health issues.
A ‘Whole of Singapore’ approach:

All national resources must be deployed to ensure timely intervention to mitigate the impact of an emergency.

Close collaboration between the Government and the private sector

An informed and prepared public

Collaboration with the international community

Flexibility in national response
Planning Activities


2005 - Influenza Pandemic Readiness and Response Plan

2006 - Major table-top exercise which tested the capacity and response plans of those responsible for critical essential services such as power, water, food, public order and security
Jan 2008 - Exercise: This exercise tested AVA’s readiness to deal with an incursion of bird flu.

Aug 2008 – Exercise: This was a two-week industry-wide exercise to test the financial sector’s response to an influenza pandemic. It involved more than 140 financial institutions.

2007 - Development of non-pharmaceutical measures. inter-agency groups to develop operational mechanisms for border restrictions and social distancing measures. These groups also identified interdependencies among Government agencies, as well as between the agencies and the private sector.

2009: H1N1 Pandemic

2010 ---2012: Lessons learnt

Etc; Etc
Enabling Legislation: Infectious Disease Act --- All encompassing

Crisis Management Group (CMG) at State level headed by Ministry of Home Affairs; Ministry of Health is the expert advisor on medical issues

Each Ministry has its own CMG --- For the Transport Sector it is the Transport CMG

For the Aviation Sector --- Civil Aviation Authority of Singapore (CAAS) has its CMG
International Airport:

Operated by Changi Airport Group -- Regulated by CAAS

Has a private Medical Service Provider – in contract has to provide services for a public health emergency

Port Health is under the Ministry of Environment but receives guidance from Ministry of Health

Crisis Management Centre (CMC) at CAAS and Airport: Upon activation all core members of CMG must report to CMC within one hour.
So, who conducts the orchestra?
<table>
<thead>
<tr>
<th>Alert Level (WHO Phase)</th>
<th>Travellers</th>
<th>Airport workers</th>
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<tbody>
<tr>
<td><strong>Green (WHO Phase 1 to 3)</strong></td>
<td>No additional measures. Ensure plan is updated and exercised. Ensure that all relevant personnel are familiar with the plan and its activation.</td>
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<tr>
<td><strong>Yellow (WHO Phase 4)</strong></td>
<td>The following measure may be adopted at POE: Distribution of Health Alert Notice (HAN) to arriving / departing travellers.</td>
<td>Any airport worker with symptoms (indicate list of symptoms) and/or fever will not report for work but will proceed to his/her doctor. If diagnosed with the prevailing PHEIC, he/she will be treated and will not report for work until full recovery and/or the requisite time recommended by the State health authority.</td>
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<td>Orange (WHO Phase 5)</td>
<td>In addition to the measure adopted in Alert Yellow, the following measures may be adopted: Distribution of Health Declaration Forms (HDFs); and Carry out other screening measure/s such as Visual Screening / Temperature Screening on arriving and departing travellers</td>
<td>All airport workers must take their temperature before leaving home for work. Those with fever (temperature of 37.5 degrees centigrade and above, (or as specified by the State health Authority) and specified symptoms will not report for work but will proceed to see their doctor. If diagnosed with the prevailing PHEIC, he/she will be treated and will not report for work until full recovery and/or the requisite time recommended by the State health authority has elapsed</td>
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<td>Red (WHO Phase 6)</td>
<td><strong>It is likely that the measures at the airport will progressively be deactivated</strong> except for the possible continuing distribution of HANs to travellers. The deactivation will be from the State health authority</td>
<td>As in Alert Orange</td>
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Procedures for Airport Passenger Screening

- Plans and SOPs are in place (Exercises: Operations Sick Eagle & Ops Sick Sparrow)

- All air passenger entry checkpoints undergo temperature screening and secondary screening if required
  - Changi Airport T1, T2 and T3
  - Budget Terminal
  - Seletar Airport

- Any unwell passenger sent by designated ambulance to designated hospital
Procedures for Airport Passenger Screening

• Initial stage (Outbreak overseas)
  – Screening at aerobridges for all flights from affected areas
  – Flights from affected areas to be confined to isolated wing of terminal
  – Screening at staff entrances for airport workers

• Outbreak in Singapore
  – Screening at departure halls for departing passengers

• Massive outbreak overseas
  – Screening at Arrival Halls for all passengers entering Singapore
  – Screening at staff entrances for airport workers
Screening of Arriving Passengers

Screening at aerobridge

Pax proceeds as normal if no fever

Pax sent to TTSH

ICA / Ground Handler activated to clear pax at aerobridge

Nursing station for confirmation

Confirmed disease suspect
Thank you for your kind attention!

Jarnail Singh