

AA

[REDACTED]  
a visitor from Guangzhou

[REDACTED]  
*Dr. S. Y. Lee*  
*Community Physician (Kowloon)*  
*Department of Health, HKSAR*

[REDACTED]  
**Notification**

- 24 February  
DH was notified by Kwong Wah Hospital of Hospital Authority
- AA [REDACTED] a visitor from Guangzhou, was admitted into ICU for suspected severe atypical pneumonia
- Contact tracing started on the same day. Information was provided by his wife, daughter and sister.

Name :	[REDACTED] AA
Sex / Age:	Male / 64
Ethnicity :	Chinese
Residential address :	An apartment in Guangzhou
Occupation :	Doctor in Sun Yat San Hospital located in Guangzhou
Past medical history :	Good past health
Date of Onset :	15 February 2003
Admission date & time:	11:47 hours on 22 February 2003 through Accident and Emergency Department (AED) of KWH
Date of death:	Certified at 22:48 hours on 4 March 2003

### History before Admission to KWH

- Doctor working in an out-patient clinic of the Medical Department of Guangzhou Sun Yat San Hospital
- Contacted 2 patients presenting with high grade fever and chest symptoms in the week preceding his onset of symptoms
- AA [REDACTED] referred them to attend AED

## **History before Admission to KWH**

- Sudden onset of fever (39°C), chills and rigor in the evening of 15 Feb
- CXR (17 Feb) showed left lower zone haziness
- Self medication (oral→IV antibiotic)
- CXR (20 Feb) showed increasing haziness

## **Travel to Hong Kong**

- To attend the wedding banquet of his nephew (sister's son)
- Came to HK with his wife on 21 Feb by coach
- Resided in Room [REDACTED] of Metropole Hotel

## Progress After Admission

- Attended AED on 22 Feb 1100 hrs
- Diagnosed to suffer from fulminating pneumonia and admitted into ICU
- Condition deteriorated and developed adult respiratory distress syndrome
- Finally succumbed on 4 Mar 2248 hrs

## Case Investigation

- Health nurse of DH obtained case notes in the ward.
- Patient was intubated.
- Interviewed <sup>AA</sup> [redacted]'s sister (<sup>CC</sup> [redacted]),  
[redacted]'s wife and daughter over the phone.  
AA

## Contact Tracing

24 February 2003

- 5 close contacts were identified: <sup>AA</sup> [REDACTED]'s wife, daughter, son, sister and brother in-law. All were advised to watch out for symptoms of respiratory tract infection and take care of personal hygiene.
- <sup>AA</sup> [REDACTED]'s wife developed fever same day. She was advised to attend AED, but chose to return to Guangzhou with her daughter for treatment.
- Others were asymptomatic.

## Contact Tracing (continued)

25-27 February 2003

- Informant <sup>AA</sup> [REDACTED]'s sister <sup>CC</sup> [REDACTED] – all other 4 close contacts remained asymptomatic.
- KRO found out on 4 March that <sup>AA</sup> [REDACTED]'s daughter became symptomatic on 27 February.

## Contact Tracing (continued)

28 February – 2 March 2003

- Informant incooperative

## Contact Tracing (continued)

3 March 2003

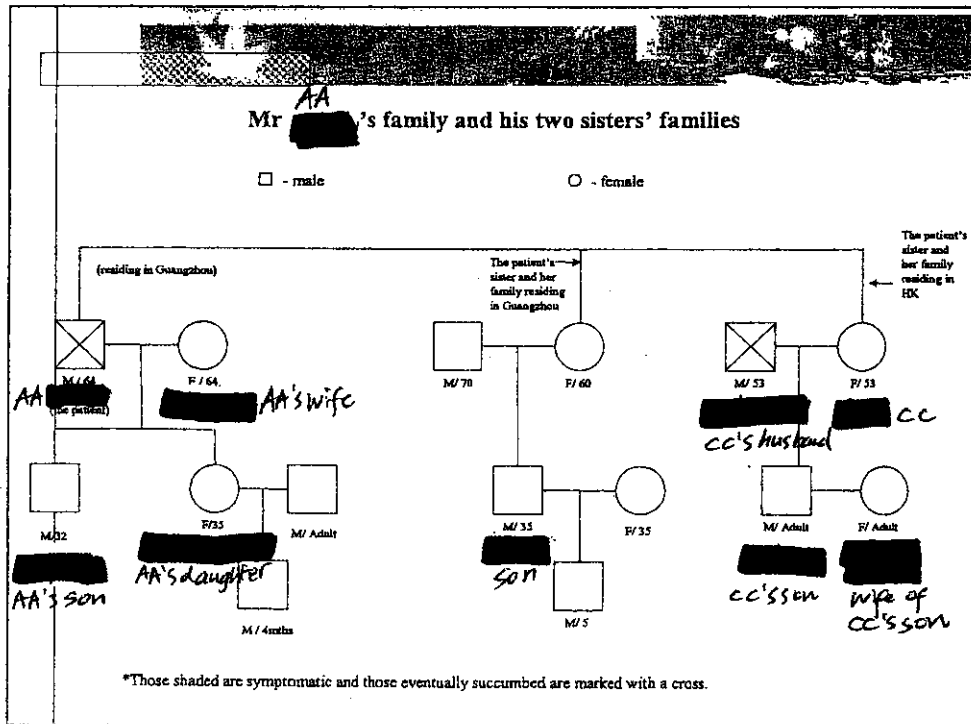
- Informed by HA that <sup>AA</sup> [REDACTED]'s sister (<sup>CC</sup> [REDACTED]) and brother in-law ([REDACTED]) were admitted for chest infection on 1 March and 28 February respectively.

*CC's husband*

## Contact Tracing (continued)

4 March 2003

- Informant <sup>AA</sup> [redacted] 's son- <sup>AA</sup> [redacted] 's daughter ([redacted]) and another nephew ([redacted]) developed symptoms and were admitted on 27 February and 26 February respectively into a hospital in Guangzhou.



## **Laboratory Investigations**

- Done by the University of Hong Kong (HKU) and Government Virus Unit (GVU).
- Results were all negative for all known atypical pneumonia agents, except 4-fold rise in adenovirus antibody titre.
- Specimens were subsequently tested positive for polymerase chain reaction (PCR) for coronavirus in mid April 2003.